Berkley Water Transportation Pier Ferry Project Draft EIR Appendices (1 of 2)

Appendix A

Notice of Preparation (NOP) and NOP Comments

Parks, Recreation, and Waterfront Department

NOTICE OF PREPARATION AND SCOPING MEETING ENVIRONMENTAL IMPACT REPORT FOR THE BERKELEY WATER TRANSPORTATION PIER FERRY

DATE: April 18, 2025

TO: Responsible and Trustee Agencies and Other Interested Parties

FROM: City of Berkeley
Parks, Recreation, and Waterfront Department
2180 Milvia Street, 3rd Floor
Berkeley, California 94704

SUBJECT: **Notice of Preparation of an Environmental Impact Report as well as Notice of EIR Scoping Meeting on Monday, May 5, 2025**

PROJECT NAME: **Berkeley Water Transportation Pier Ferry**

PROJECT SPONSOR: City of Berkeley

Notice is hereby given that the City of Berkeley is preparing an Environmental Impact Report (EIR) for the proposed Berkeley Water Transportation Pier Ferry ("project") and is requesting public comments on the scope of the Draft EIR. The EIR is being prepared by the City of Berkeley, the lead agency for the project, in accordance with the California Environmental Quality Act (CEQA) to identify, evaluate, and disclose possible environmental impacts and develop strategies to avoid, reduce, or compensate for potentially significant impacts that would arise from the implementation of the proposed project.

The San Francisco Bay Area Water Emergency Transportation Authority (WETA) would operate the passenger ferry service associated with this project and is considered a Responsible Agency under CEQA.

In accordance with CEQA Guidelines Section 15082, this Notice of Preparation (NOP) is being sent to the California State Clearinghouse, Alameda County Clerk, responsible agencies, trustee agencies, adjacent cities, and members of the public including individuals and organizations in order to solicit comments on the scope and content of the analysis in the EIR.

PROJECT OBJECTIVES: The proposed project objectives include the following:

- Enhance public access and recreational opportunities at the Berkeley Waterfront that:
  - Develop or enhance public pier facilities at the City of Berkeley Waterfront.
  - Provide sufficient public access and recreational opportunities at the

Berkeley Waterfront that meet regional needs, consistent with BCDC Bay Plan Policies maximizing access to the Bay.
    - Minimize environmental impacts by considering existing infrastructure and sea level rise projections.
    - Encourage the use of public transit, bicycle, and other forms of active transportation and sustainable travel to access the site.
- Provide efficient and environmentally friendly zero emission public ferry service between Berkeley and San Francisco that:
    - Improve regional connectivity and resiliency with enhanced public transportation choices for East Bay residents, including for accessing jobs in San Francisco and other locations along the Bay for commerce and recreational purposes, and to address existing deficiencies in the Transbay transportation network.
    - Reduce the use of single-occupancy vehicles for Transbay trips, thereby reducing greenhouse gas and air quality emissions and decreasing congestion on the regional roadway system, consistent with regional and Statewide goals.
    - Provide travel times and costs that are competitive with other Transbay modes of travel.
    - Provide public transit facilities that are compatible with operations and recreational activities at the Berkeley Waterfront.
    - Provide navigable conditions for safe and efficient operation of ferry vessels.
    - Provide options for emergency response and transportation services in case of an emergency, such as natural or human-caused event that disables roads, other transit, bridges, and/or tunnels.

PROJECT LOCATION: The project site is located at the Berkeley Waterfront along the San Francisco Bay in the City of Berkeley, Alameda County. As shown in Figure 1, the project site specifically encompasses the closed Berkeley Pier, including the entry area for the Berkeley Pier; the San Francisco Bay waters around the closed Berkeley Pier; the parking lot off Seawall Drive; roadways (University Avenue and Seawall Drive); and vegetated street islands adjacent to University Avenue and Seawall Drive.

PROJECT DESCRIPTION: The Berkeley Pier was closed in July 2015 due to visually observed structural problems on the underside of the concrete decking and pilings. The proposed project aims to revitalize the Berkeley Waterfront by developing a new dual-purpose pier and ancillary uses that support both public recreation and zero-emission public ferry service. Specifically, the project would include the following components:

- Demolish portions of the closed pier;
- Construct a new 1,080-foot-long public pier at the same location as the closed pier with pedestrian access and recreational amenities;
- Construct a new 400-foot-long breakwater perpendicular to and connected to the new pier, providing pedestrian access and recreational amenities;
- Provide recreational amenities on the pier and breakwater that could include interpretive and educational signs, benches, shade canopy, seats, and a fish

cleaning station;
- Provide ferry infrastructure including but not limited to universal charging and boarding float(s), landing(s), gangway(s), and security entrance;
- Dredging along the existing 100-foot wide United States Army Corps of Engineers federal navigation channel that parallels the closed pier.
- Construct a new public plaza with amenities such as a public restroom, benches, and bicycle parking;
- Implement improvements to University Avenue, including repaving and restriping between the round-about intersection with Marina Boulevard and the intersection with Seawall Drive and a new raised bicycle track, passenger drop off zone, and public bus infrastructure;
- Implement improvements to Seawall Drive, including re-alignment, repaving, and restriping;
- Develop a portion of the planned Bay Trail Extension, south of the pier and along Seawall Drive;
- Renovate the parking lot off Seawall Drive with new pavement, surfacing, striping, lighting, and stormwater treatment;
- Provide new landscaping as well as tree removal and replacement;
- Provide new way-finding signage and replacement lighting;
- Install new electric infrastructure to charge ferry vessels;
- Install new water connections for a restroom and hose bibs;
- Install new wastewater connections for a restroom; and
- Operate new zero-emission electric passenger ferry service, connecting the Berkeley ferry terminal to San Francisco and Larkspur ferry terminals.

In addition to the project components listed above, the City is considering the following optional improvements. However, the City may choose not to implement these improvements as part of the proposed project.

- Solar panels in the renovated parking lot;
- Recreational water access to the Bay, including non-motorized watercrafts
- Recreational improvements to Shorebird Park.

EIR ENVIRONMENTAL IMPACT AREAS: The EIR will evaluate the potential physical environmental impacts that could result from implementation of the project. The topical areas that will be addressed in the EIR are: Aesthetics; Air Quality; Biological Resources; Cultural and Tribal Cultural Resources; Geology and Soils (including Paleontological Resources); Greenhouse Gas Emissions and Energy; Hazards and Hazardous Materials; Hydrology and Water Quality; Noise (including Hydro-acoustics); Land Use and Planning; Recreation; Transportation; and Utilities and Service Systems.

Section 15128 of the CEQA Guidelines requires that an EIR briefly describe possible environmental effects that are determined not to be significant. The City anticipates that no significant environmental impacts would occur related to the following topical areas: Agriculture and Forestry Resources, Mineral Resources, Population and Housing, Public Services, and Wildfire.

EIR PROJECT ALTERNATIVES: The Draft EIR will also examine a reasonable range of

alternatives to the project, including the CEQA-mandated No Project Alternative and other alternatives that are potentially feasible and may be capable of reducing or avoiding potential environmental effects while meeting most of the basic objectives of the project. In addition, the EIR will address cumulative impacts, growth-inducing impacts, and other issues required by CEQA.

EIR PUBLIC REVIEW SCOPING PERIOD: April 18, 2025, to May 19, 2025

During this public review period, interested agencies, organizations, businesses, and individuals are invited to provide comments about the scope of the environmental topics to be included in the EIR.

WRITTEN COMMENTS: EIR scoping comments and any questions or comments should be directed in writing to:

Liza McNulty, PE, Project Manager
City of Berkeley Parks, Recreation & Waterfront Department
2180 Milvia Street, 3rd Floor
Berkeley, California 94704

or

Email: lmcnulty@berkeleyca.gov.

EIR scoping comments must be received by **5:00 p.m. on Monday, May 19, 2025.** In addition, comments may be provided at the EIR Public Scoping Meeting (see details below). Comments should focus on the scope of the EIR.

EIR PUBLIC SCOPING MEETING: The City of Berkeley will conduct an EIR public scoping session on **Monday, May 5, 2025**, to receive comments on the scope of the EIR. The meeting will start at **6:00 PM** and will be held via video and teleconference.

To join from a PC, Mac, iPad, iPhone, or Android device: Use the link: https://us06web.zoom.us/j/83463444678?pwd=GrxgstlUpc4CX4FaRRbwQ5LgGJQ7lC.1

To join by phone: Dial +1 669 900 6833 US (San Jose) or +1 669 444 9171 US and enter Meeting ID 834 6344 4678, Passcode: 903142.

Liza McNulty, PE, Capital Improvement Program Manager

Date of Distribution: April 18, 2025



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25-15427 EPS
Fig X Berkeley WTPF Project Footprint

Agencies

From: Amezcua, Reyna@BCDC <reyna.amezcua@bcdc.ca.gov>
Sent: Wednesday, May 21, 2025 4:13 PM
To: McNulty, Liza <lmcnulty@berkeleyca.gov>
Cc: OPR State Clearinghouse <state.clearinghouse@opr.ca.gov>; lhuo@bayareametro.gov; R7CEQA@wildlife.ca.gov; White, Eileen@Waterboards <Eileen.White@Waterboards.ca.gov>; Plese, Alyssa@BCDC <alyssa.plese@bcdc.ca.gov>
Subject: BCDC Comment Letter - Berkeley Water Transportation Pier Ferry NOP (SCH # 2025040995)

WARNING: This is not a City of Berkeley email. Do not click links or attachments unless you trust the sender and know the content is safe.

Dear Liza McNulty,

On behalf of Alyssa Plese, attached please find comment letter for the Berkeley Water Transportation Pier Ferry Project Notice of Preparation. Should you have any questions, please contact Ms. Plese, at 415-352-3626 or alyssa.plese@bcdc.ca.gov.

Thank you.

Reyna Amezcua
San Francisco Bay Conservation and Development Commission
Bay Area Metro Center
375 Beale St., Suite 510
San Francisco, CA 94105
reyna.amezcua@bcdc.ca.gov
info@bcdc.ca.gov
Main Office Number: (415) 352-3600

Docusign Envelope ID: 33402936-6D78-4CBF-9DE2-1981113FA89A

San Francisco Bay Conservation and Development Commission
375 Beale Street, Suite 510, San Francisco, California 94105 tel 415 352 3600
State of California | Gavin Newsom – Governor | info@bcdc.ca.gov | www.bcdc.ca.gov

May 21, 2025

City of Berkeley
Parks, Recreation, and Waterfront Department
2180 Milvia Street, 3rd Floor
Berkeley, California 94704
Attn: Liza McNulty
Via Email: lmcnulty@berkeleyca.gov

SUBJECT: **BCDC Comments on the BERKELEY WATER TRANSPORTATION PIER FERRY and Notice of Preparation of an Environmental Impact Report; BCDC Inquiry File No. AL.BY.2025.1**

Dear Liza McNulty:

Thank you for the opportunity to comment on the Notice of Preparation (NOP) of an Environmental Impact Report (EIR) under the California Environmental Quality Act (CEQA) for the proposed Berkeley Water Transportation Pier Ferry (Project), received by our office via email on April 18, 2025.

The San Francisco Bay Conservation and Development Commission (BCDC) staff is providing the following comments on the Project as a CEQA responsible agency from which a discretionary approval is necessary, as described below. BCDC will rely on the Final EIR, among other reports, when considering a permit application for the Project, and we appreciate this opportunity to comment on information and analyses to be included in the scope of the EIR. While the description of the Project in the NOP is not specific enough for BCDC staff to comment on every potential issue that could be raised with respect to BCDC's laws and policies, staff has prepared the following comments outlining issues under BCDC's jurisdiction that we believe should be addressed. The following comments are based on BCDC staff review of the NOP, the McAteer-Petris Act (Title 7.2 of the California Government Code), and the S*an Francisco Bay Plan* (Bay Plan).

BCDC is a State planning and regulatory agency with permitting authority over San Francisco Bay, the Bay shoreline, and Suisun Marsh, as established in the McAteer-Petris Act and the Suisun Marsh Preservation Act, respectively. Per the McAteer-Petris Act, BCDC is responsible for granting or denying permits for any proposed fill; extraction of materials; or substantial changes in use of any water, land, or structure within the Commission's jurisdiction (Government Code Section 66632). Additionally, BCDC establishes land use

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policies for the Bay as a resource and for development of the Bay and shoreline in the Bay Plan, which provides the basis for the Commission's review and actions on proposed projects.

Based on the NOP, the majority of the Project would be located within at least two areas of BCDC's permitting jurisdiction:

- In the San Francisco Bay, being all areas subject to tidal action, including the marshlands lying between mean high tide and five feet above mean sea level; tidelands (land lying between mean high tide and mean low tide); and submerged lands (Government Code Section 66610(a)); and
- In the shoreline band, consisting of all territory located between the shoreline of the Bay, as defined above, and 100 feet landward of and parallel with the shoreline (Government Code Section 66610(b)).

In addition, portions of the Project are located within Bay Plan-designated "Waterfront Park, Beach" priority use areas. Within the Commission's jurisdiction, projects proposed within these priority use areas must be consistent with the Bay Plan's Recreation policies and any relevant policies specified in Bay Plan Map 4.

BCDC requests that the City of Berkeley include mapping of BCDC's jurisdiction in the forthcoming EIR and pay particular attention to potential project impacts that may occur in these areas as they relate to the Commission's policies. The EIR project description should also clearly detail where each component of the Project would take place relative to the Commission's jurisdiction. BCDC staff is available to review any mapping or draft language to ensure that our agency's jurisdiction is accurately depicted and described.

BCDC provides data and mapping tools on our website at https://www.bcdc.ca.gov/resources/maps-and-data/. Copies of our planning documents are available at https://www.bcdc.ca.gov/resources/plans/. BCDC's laws and regulations can be referenced at https://www.bcdc.ca.gov/resources/laws-and-regulations/.

PROJECT UNDERSTANDING

Based on information provided in the NOP and accompanying technical documents, we understand the Project to include a combination of in-Bay and shoreline features that would:

- Demolish portions of the closed pier;
- Construct a new 1,080-foot-long public pier at the same location as the closed pier with pedestrian access and recreational amenities;
- Construct a new 400-foot-long breakwater perpendicular to and connected to the new pier, providing pedestrian access and recreational amenities;
- Provide ferry infrastructure, including, but not limited to, universal charging and boarding float(s), landing(s), gangway(s), and security entrance(s);

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- Dredge along the existing 100-foot-wide United States Army Corps of Engineers federal navigation channel parallel to the closed pier;
- Construct a new public plaza with public access;
- Implement improvements to University Avenue and Seawall Drive;
- Develop a portion of the planned Bay Trail Extension, south of the pier and along Seawall Drive;
- Renovate the parking lot off Seawall Drive with new pavement, surfacing, striping, lighting, and stormwater treatment;
- Provide new landscaping as well as tree removal and replacement;
- Provide new way-finding signage and replacement lighting;
- Install new electric infrastructure to charge ferry vessels;
- Install new water connections for a restroom and hose bibs;
- Install new wastewater connections for a restroom; and
- Operate new zero-emission electric passenger ferry service, connecting the Berkeley ferry terminal to San Francisco and Larkspur ferry terminals.

The Project may also include the following potential improvements:

- Solar panels in the renovated parking lot;
- Recreational water access to the Bay, including non-motorized watercrafts; and
- Recreational improvements to Shorebird Park.

Additionally, BCDC understands that the Project and EIR alternatives analysis will be based on the following objectives:

1. Enhance public access and recreational opportunities at the Berkeley Waterfront; and
2. Provide efficient and environmentally friendly zero emission public ferry service between Berkeley and San Francisco.

ENVIRONMENTAL ANALYSIS

Below is a list of environmental topics from the NOP and a description of how they overlap with BCDC policy areas that staff will use to evaluate the Project for any submitted permit application. Including these analyses in the EIR and addressing any related impacts with mitigation measures will support staff in developing relevant conditions and necessary findings to include in the permit staff recommendation. Note that this is not meant to be a complete description of topics or policies to be analyzed in the EIR and is only based on the limited information provided in the NOP.

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Aesthetics

The Bay Plan includes a policy section on Appearance, Design, and Scenic Views upon which the Commission will base its findings for the Project's visual impacts on the Bay. In defining the significance of the Project's aesthetic impacts, please consider the findings and policies in this section, and acknowledge these policies in the regulatory setting of the analysis. BCDC provides additional guidance on the interpretation of these policies in the Public Access Design Guidelines for Shoreline Spaces, particularly in the sections related to Visual Access, Visual Quality, and Bay Setting. Please consider the Guidelines in your evaluation of the Project's potential effects on scenic vistas and scenic resources. The Guidelines are available on BCDC's website (https://www.bcdc.ca.gov/planning/SPLG.pdf).

Biological Resources

The Bay Plan includes policy sections related to biological resources, including Fish, Other Aquatic Organisms and Wildlife; Subtidal Areas; Dredging; and Mitigation. Please review the policies and findings in these sections and acknowledge them in the regulatory setting for this analysis. As proposed, the Project would likely result in permanent impacts to habitat by placing solid fill in the Bay, suspending fill that would shade the water, increasing the number and frequency of ferry trips in the vicinity and along proposed ferry routes, and dredging. The Project would also involve temporary impacts from construction, including construction activities such as demolition and pile driving, which have the potential to release toxic substances and other materials into the Bay and result in take of aquatic organisms through noise and sediment generation. Notable native species that occur in the project area include longfin smelt, green sturgeon, Chinook salmon, Pacific Herring, eelgrass, steelhead, and California least tern. Please ensure that the EIR analyzes all potential impacts on these and any other special-status species found in the area. Please also ensure that the EIR discusses potential species and habitat impacts from loss of habitat, shading, increased ferry traffic, and construction activities.

The NOP notes that dredging will occur "along the existing 100-foot wide USACE federal navigation channel that parallels the closed pier." Please ensure that the EIR project description provides information on the dimensions of the channel being dredged, estimated volume, proposed project depths, equipment to be used, plans for the beneficial reuse and/or disposal of dredged sediment, and when dredging is expected to begin in order to provide adequate context for the environmental analysis. Analysis of dredging impacts should discuss environmental work windows and any minimization measures being considered to reduce impacts.

The proposed Project intends to dredge the federal navigation channel adjacent to the existing pier, which extends into the shallow subtidal area of the San Francisco Bay. From BCDC's understanding, the proposed dredged area has not been dredged in over 20 years. Due to the absence of dredging during this time, a benthic community will have been established in this subtidal area. Thus, dredging for the Project will be viewed as a large "new work" dredging project. Impacts to the subtidal habitat area as a result of dredging should be discussed in the EIR analysis, and it should also describe the mitigation that will

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be required for those impacts. The analysis should also assess the local and Bay-wide effects of the Project in terms of tidal hydrology, sediment transport and budget, localized erosion and accretion, and the Bay's bathymetry.

The Bay Plan's Mitigation policies provide direction for mitigating impacts to Bay natural resources (such as water surface area, volume, or circulation; aquatic organisms and habitat; subtidal areas; and tidal marshes and flats) that cannot be avoided. In further developing the project description and designing potential mitigation measures in response to identified impacts, please consider these policies and engage with BCDC staff to ensure that any mitigation measures proposed will be consistent the Bay Plan. Please note BCDC's expectations for approaching mitigation as established in Mitigation Policy No. 1:

> "Projects should be designed to avoid adverse environmental impacts to Bay natural resources such as to water surface area, volume, or circulation and to plants, fish, other aquatic organisms and wildlife habitat, subtidal areas, or tidal marshes or tidal flats. Whenever adverse impacts cannot be avoided, they should be minimized to the greatest extent practicable. Finally, measures to compensate for unavoidable adverse impacts to the natural resources of the Bay should be required. Mitigation is not a substitute for meeting the other requirements of the McAteer-Petris Act."

Mitigation Policy No. 3 also provides that communities surrounding both the Project and compensatory mitigation site should be meaningfully involved in an equitable and culturally relevant manner, which may include consultation with the community in the identification and prioritization of potential projects, and in the monitoring and programming of a mitigation site.

Geology and Soils

The analysis in the EIR's geology and soils section relates to issue areas that BCDC will consider in the permit application process for the Project, including the safety and stability of the proposed pier and breakwater, the location of proposed amenities on historic Bay fill, and how these affect the long-term stability, safety, and usability of the proposed public access areas and improvements. The EIR should discuss the overall suitability of the underlying geologic unit/soils for the Project, disclose the potential for failure as a result of seismic activity or ground failure, and describe the necessary measures to avoid or mitigate such failure. Please also discuss the potential for ferry wake and operations to affect erosion rates along the shoreline.

Hazards and Hazardous Materials

The Project has the potential to release hazardous materials into the environment during both the construction and operation phases. Due to the age of the existing pier, it is possible it was treated with creosote or similar chemicals that could be dispersed during demolition. The EIR should describe the composition of the existing pier and note whether there is potential for creosote or other treatments to be present, and discuss the potential for dispersal.

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Additionally, our understanding is that an all-electric ferry service will rely heavily on the use of lithium-ion batteries, which can present a significant hazard if damaged or ignited. Please ensure that the EIR discusses potential hazards related to the reasonably foreseeable upset and accident conditions involving the use and storage of batteries on site.

Hydrology and Water Quality

The Bay Plan includes policy sections for Water Quality, Water Surface Area and Volume, and Climate Change that are relevant to the EIR's hydrology and water quality analysis. Please review these findings and policies and acknowledge them in the regulatory setting for this issue area. As part of the setting and analysis, please clearly identify the water quality standards, plans, and/or discharge requirements applicable to the Project site.

Because sea levels are expected to rise over the life of the Project, the analysis of operational impacts would be incomplete without a consideration of sea level rise scenarios. As part of the hydrology analyses, including the analysis of the Project's effect on drainage and whether flood hazards present a risk of releasing pollutants, please use relevant sea level rise scenarios in accordance with the best available science (currently considered to be the Ocean Protection Council's 2024 Sea Level Rise Guidance). The Project warrants an analysis at the OPC Guidance's medium-high risk level at a minimum, which is appropriate to provide "a precautionary protection that can be used for less adaptive, more vulnerable projects or populations that will experience medium to high consequences as a result of underestimating sea level rise," and using the high emissions assumption. Please ensure that all analyses use the NAVD88 datum.

Note that as part of the application for the Project, the project proponents are expected to provide a sea level rise risk assessment prepared by a qualified engineer, per Bay Plan Climate Change Policy No. 2. The risk assessment will be expected to include mid- and end-of-century scenarios at the medium-high risk level, with the high emissions assumption, using the NAVD 88 datum.

Land Use and Planning

The McAteer-Petris Act and the Bay Plan are a State law and a land use plan, respectively, adopted for the purpose of avoiding or mitigating an environmental effect and should be included in the regulatory settings for this section as well as considered in the impact analysis. Note that the entirety of the landside and pier components will take place within a Bay Plan-designated Waterfront Park, Beach Priority Use Area and should be consistent with the requirements of that designation. Additionally, please note that Part V of the Bay Plan includes site specific policies for locations near the Project site, including Policy 15 of Plan Map 4:

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> **"Berkeley Waterfront - Cesar Chavez Park** - Preserve marina, beach, small boat launch, windsurfing access, fishing pier, interpretive center and multi-use trails. Possible ferry terminal. Allow if compatible with park and marina use; serve with bus public transit to reduce traffic and parking needs. Provide signage regarding fish consumption advisories for anglers."

Please ensure that the EIR assesses the potential for the Project to interfere with the implementation of these policies, and note that any conflict would constitute a significant impact.

Public Services and Recreation

Per the McAteer-Petris Act, BCDC is tasked with ensuring maximum feasible public access to the Bay. As such, BCDC has permitted a number of required public recreation facilities along the shoreline in the vicinity of the Project site, including the existing pier and nearby segments of the San Francisco Bay Trail. Additionally, please note that the Bay itself functions as a recreational facility in the Project's vicinity, as indicated by Plan Map Policy No. 15, quoted above. The EIR should document the recreational uses of the Bay and shoreline in and around the Project site, identify the service area and service population for the recreational facilities serving those uses, and assess whether the recreational facilities provided as part of the Project are commensurate with the projected need generated by the Project. The EIR should evaluate whether implementation of the Project could result in a deterioration of the facilities that support those identified recreational uses. If so, and if those uses would then be required to relocate to other locations around the Bay, the EIR should evaluate whether this could result in substantial physical deterioration of those alternative facilities.

Transportation

One of BCDC's key considerations for assessing maximum feasible public access is the convenience and safety of site access where a project connects to the larger transportation network. Additionally, the Bay Plan includes policies that address the siting and design of active transportation facilities and ferry terminals, both of which are components of the proposed Project. Please review the findings and policies in the Bay Plan's sections on Transportation and Public Access and acknowledge them in the regulatory settings for the transportation analysis. Please consider these policies in your analysis of whether the Project would conflict with a policy addressing transit, roadway, bicycle, and pedestrian facilities, and whether the Project would increase transportation hazards.

- Through its permitting actions, the Commission has required the implementation of numerous public access facilities, many of which are linked together by segments of the San Francisco Bay Trail. As part of the transportation analysis, the EIR should assess any potential conflicts between the Project and the Bay Plan's public access policies, existing recreational uses and public access, as well as the planned alignment of the Bay Trail along the Project site.

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Tribal Cultural Resources

As part of the Bay Plan's policies on Environmental Justice and Social Equity, the Commission is required to consider its guiding principles on environmental justice and social equity in all of its actions and activities. The first of these guiding principles is to "recognize and acknowledge the California Native American communities who first inhabited the Bay Area and their cultural connection to the natural resources of the region." Additionally, Public Access Policy No. 5 states that public access should embrace "local multicultural and indigenous history and presence," and Recreation Policy No. 4 states that parks should emphasize historical and cultural education and interpretation.

Please ensure that the EIR includes a description of the Native American history and cultural resources associated with the Project site. In preparing the EIR, please conduct meaningful outreach towards the tribes associated with this area as part of the AB 52 consultation requirement. Additionally, please ensure that the cultural and tribal cultural resources environmental setting identifies all historically and culturally significant resources at the Project site and at any related sites (if applicable), and note in the analysis whether and how the Project will acknowledge or incorporate information about those resources in its design or programming.

Utilities and Service Systems

Please ensure the EIR describes measures in the design to address the reliability and redundancy of the utilities and service systems necessary for the Project and any impacts these utilities and systems may have on the environment. Please ensure the impacts of the Project on the coastal storm drain and sewer systems are also addressed, in current and future scenarios.

Alternatives Analysis

Section 66605 of the McAteer-Petris Act includes the following provisions relevant to the selection and evaluation of alternatives for the EIR: "…fill in the bay and certain waterways… for any purpose should be authorized only when no alternative upland location is available for such purpose;" "the water area authorized to be filled should be the minimum necessary to achieve the purpose of the fill;" and "the nature, location, and extent of any fill should be such that it will minimize harmful effects to the bay area, such as, the reduction or impairment of the volume surface area or circulation of water, water quality, fertility of marshes or fish or wildlife resources, or other conditions impacting the environment, as defined in Section 21060.5 of the Public Resources Code." These requirements are reflected in policies throughout the Bay Plan, including:

- **Bay Plan Water Surface Area and Volume Policy No. 1:** ""filling and diking that reduce surface area and water volume should… be allowed only for purposes providing substantial public benefits and only if there is no reasonable alternative."

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- **Tidal Marshes and Tidal Flats Policy No. 1:** "filling, diking, and dredging projects that would substantially harm tidal marshes or tidal flats should be allowed only for purposes that provide substantial public benefits and only if there is no feasible alternative."
- **Subtidal Areas Policy No. 2:** "subtidal areas that are scarce in the Bay or have an abundance and diversity of fish, other aquatic organisms and wildlife should be conserved. Filling, changes in use, and dredging projects in these areas should therefore be allowed only if: (a) there is no feasible alternative; and (b) the project provides substantial public benefits."

Therefore, the alternatives evaluated in the EIR should include at least one alternative that reduces or eliminates the amount of fill proposed.

Additionally, during the May 12, 2025, BCDC Design Review Board briefing on the Project, a number of concerns were raised by members of the public that siting the ferry terminal in the proposed location would have a detrimental effect on water recreation such as swimming and board sailing that could lead to impacts on other water access points regionally as individuals who currently use the Berkeley Marina are displaced. Please ensure that at least one of the alternatives allows for the evaluation of an alternate location for the ferry terminal on the waterfront, and evaluate whether an alternate location could reduce potential impacts related to recreation, ferry wake, dredging, and impacts on biological resources, etc.

If all such alternatives are determined to be infeasible and not appropriate to include in the EIR analysis, please include a detailed discussion of why these alternatives are infeasible and how the determination was made.

Please note that, as part of the BCDC permitting process, the project proponents will need to demonstrate to the satisfaction of the Commission that the Project is consistent with Government Code Section 66605. A thorough analysis of these issues in the EIR will likely support the project proponents in this effort.

Thank you for providing this opportunity to review the NOP for the Berkeley Water Transportation Pier Ferry Project. We look forward to working with you as the Project is developed and through the permitting process. If you have any questions regarding this letter or the Commission's policies and permitting process, please do not hesitate to contact Alyssa Plese at alyssa.plese@bcdc.ca.gov or 415-352-3615.

Sincerely,

DocuSigned by:
Alyssa Plese
E97652452B074AD...

ALYSSA PLESE
Coastal Program Analyst

AP/JH/ra

Docusign Envelope ID: 33402936-6D78-4CBF-9DE2-1981113FA89A

cc: State Clearinghouse, state.clearinghouse@opr.ca.gov
Metropolitan Transportation Commission, Lee Huo, lhuo@bayareametro.gov
California Department of Fish and Wildlife, Arn Aarreberg, R7CEQA@wildlife.ca.gov
San Francisco Bay Regional Water Quality Control Board, Eileen White, Eileen.White@Waterboards.ca.gov

From: Aarreberg, Arn@Wildlife <Arn.Aarreberg@wildlife.ca.gov>
Sent: Tuesday, May 13, 2025 2:05 PM
To: McNulty, Liza <lmcnulty@berkeleyca.gov>
Cc: Waggoner, Claire@Wildlife <Claire.Waggoner@Wildlife.ca.gov>; Wilkins, Eric@Wildlife <Eric.Wilkins@wildlife.ca.gov>; Wines, Brian@Waterboards <Brian.Wines@waterboards.ca.gov>; Amezcua, Reyna@BCDC <reyna.amezcua@bcdc.ca.gov>
Subject: CDFW Comment Letter - Berkeley Water Transportation Pier Ferry NOP (SCH # 2025040995)

WARNING: This is not a City of Berkeley email. Do not click links or attachments unless you trust the sender and know the content is safe.

Dear Liza McNulty,

Please see attached comment letter regarding the Berkeley Water Transportation Pier Ferry Project Notice of Preparation. If you have any questions, please free to contact me directly.

Arn Aarreberg
Environmental Scientist
Marine Environmental Review and Water Quality Project
California Department of Fish and Wildlife - Marine Region
3637 Westwind Blvd., Santa Rosa, CA 95403
Office: (707) 576-2889 Cell Phone: (707) 791-4195
Arn.Aarreberg@wildlife.ca.gov
www.wildlife.ca.gov

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State of California – Natural Resources Agency
DEPARTMENT OF FISH AND WILDLIFE
Marine Region
1933 Cliff Drive, Suite 9
Santa Barbara, CA 93109
wildlife.ca.gov

GAVIN NEWSOM, Governor
CHARLTON H. BONHAM, Director

May 13, 2025

Liza McNulty, PE, Project Manager
City of Berkeley Parks, Recreation & Waterfront Department
2180 Milvia Street, 3rd Floor
Berkeley, CA 94704
lmcnulty@berkeleyca.gov

Dear Liza McNulty:

BERKELEY WATER TRANSPORTATION PIER FERRY
NOTICE OF PREPARATION
SCH # 2025040995.

The California Department of Fish and Wildlife (Department) received a Notice of Preparation (NOP) from the City of Berkeley for the Berkeley Water Transportation Pier Ferry (Project) pursuant to the California Environmental Quality Act (CEQA) and CEQA Guidelines.[1]

Thank you for the opportunity to provide comments and recommendations regarding those activities involved in the Project that may affect California fish and wildlife. Likewise, we appreciate the opportunity to provide comments regarding those aspects of the Project that the Department, by law, may be required to carry out or approve through the exercise of its own regulatory authority under the Fish and Game Code.

DEPARTMENT ROLE

The Department is California's Trustee Agency for fish and wildlife resources and holds those resources in trust by statute for all the people of the state. (Fish & G. Code, § 711.7, subd. (a) & 1802; Pub. Resources Code, § 21070; CEQA Guidelines §15386, subd. (a).) The Department, in its trustee capacity, has jurisdiction over the conservation, protection, and management of fish, wildlife, native plants, and habitat necessary for biologically sustainable populations of those species. (*Id.*, § 1802.) Similarly for purposes of CEQA, the Department is charged by law to provide, as available, biological expertise during public agency environmental review efforts, focusing specifically on projects and related activities that have the potential to adversely affect fish and wildlife resources. The Department is also responsible for marine biodiversity protection under the Marine Life Protection Act in coastal marine waters of California, and ensuring fisheries are sustainably managed under the Marine Life Management Act.

[1] CEQA is codified in the California Public Resources Code in § 21000 et seq. The "CEQA Guidelines" are found in Title 14 of the California Code of Regulations, commencing with § 15000.

The Department is also submitting comments as a Responsible Agency under CEQA. (Pub. Resources Code, § 21069; CEQA Guidelines, § 15381). The Department expects that it may need to exercise regulatory authority pursuant to the Fish and Game Code. To the extent implementation of the Project may result in "take" as defined by State law of any species protected under the California Endangered Species Act (CESA) (Fish & G. Code, § 2050 et seq.), related authorization as provided by the Fish and Game Code may be necessary.

PROJECT DESCRIPTION SUMMARY

Proponent: City of Berkeley

Objective: The purpose of the Project is to revitalize the Berkeley Waterfront by developing a new dual purpose pier and ancillary uses that support both public recreation and a zero-emission public ferry service.

Location: The Project is located within the City of Berkeley waterfront at the Berkeley Pier, including adjacent land along Seawall Drive and University Avenue.

MARINE BIOLOGICAL SIGNIFICANCE

The San Francisco Bay-Delta is the second largest estuary in the United States and supports numerous aquatic habitats and biological communities. It encompasses 479 square miles, including shallow mudflats. This ecologically significant ecosystem supports both state and federally threatened and endangered species and sustains important commercial and recreational fisheries.

STATE AND FEDERALLY LISTED AND COMMERCIALLY/RECREATIONALLY IMPORTANT SPECIES

Protected species under the State and Federal Endangered Species Acts that could potentially be present near Project activities include:

- Longfin smelt (*Spirinchus thaleichthys*), state-threatened
- Chinook salmon (*Oncorhynchus tshawytscha*), state and federally threatened (Central Valley Spring-run), state and federally endangered (Sacramento River Winter-run), state species of special concern (Central Valley Late Fall Run, Central Valley Fall Run)
- Steelhead (*Oncorhynchus mykiss*), federally threatened (Central California Coast evolutionary significant units)
- Green sturgeon (*Acipenser medirostris)*, federal threatened (Southern Distinct Population Segment)
- White sturgeon (*Acipenser transmontanus)*, state candidate species
- Pacific lamprey (*Entosphenus tridentatus*), state species of special concern

- California Least tern (*Sternula antillarum browni),* state and federally endangered, state fully protected

Several species with important commercial/recreational fisheries value and habitat value for spawning and rearing could potentially be present near Project activities including: Pacific herring (*Clupea pallasii*), eelgrass (*Zostera marina),* surfperches (*Embiotocidae*), rockfish (*Sebastes spp*.), California halibut (*Paralichthys californicus),* and Dungeness crab *(Metacarcinus magister).*

COMMENTS AND RECOMMENDATIONS

The Department offers the following comments and recommendations to assist the City of Berkeley in adequately identifying and/or mitigating the Project's significant, or potentially significant, direct, and indirect impacts on fish and wildlife (biological) resources. Editorial comments or other suggestions may also be included to improve the document.

I. Project Level Impacts and Other Considerations

Hydroacoustic Impacts

Comment: The NOP discusses the partial removal of the existing Berkeley Pier and installation of a public pier, 400 foot long breakwater, and infrastructure for a zero emission ferry landing. It is unclear in the NOP the extent to which pile removal and pile driving will be necessary for the removal of the existing pier and installation of the new pier and ferry landing.

Recommendations: The Department recommends the Draft Environmental Impact Report (DEIR) discuss the extent of pile driving that will occur, the expected materials and methods that will be utilized to construct the new bulkhead, and the anticipated hydroacoustic sound levels. The Department recommends the following minimization measures:

- Pile removal and installation should occur during the approved in-water work window of August 1 through November 30 to avoid impacts to aquatic species and the California least tern.
- Pile removal should be conducted using a direct pull method to minimize sediment disturbance. If a direct pull method is not feasible, a vibratory hammer can be used if the structural integrity of the piles allows.
- If a pile breaks during removal, the portion of the pile remaining should be cut off at least two feet below the surface of the sediment.
- A vibratory hammer should be used for driving piles to the maximum extent feasible.
- If an impact a hammer is necessary, a soft start technique should be implemented.

- Impact pile driving should occur at low tide, if possible.
- All impact pile driving should use a wood cushion block between the hammer and pile.
- Impact pile driving larger diameter steel and concrete piles should include a bubble curtain for additional sound attenuation.
- If hydroacoustic sound levels are anticipated to exceed the interim hydroacoustic thresholds for injury to fish, the City of Berkeley will consult with the Department regarding incidental take coverage, via a 2081(b) Incidental Take Permit, for potential take of state listed species.

Recommendation: The Department recommends that if hydroacoustic sound levels are anticipated to exceed the interim hydroacoustic thresholds for injury to fish (Attachment 1), consultation with the Department will be necessary to determine if coverage is needed for incidental take of state listed species.

Dredging

Comment: Dredging has the potential to impact multiple aquatic species and species that depend on the marine environment through entrainment, impingement, destruction of habitat, and disturbance of contaminated sediments. The Department has no record of recent dredging activities within the federal navigation channel adjacent to the existing Berkeley Pier. All dredging activities should be consistent with the guidance and recommendations of the San Francisco Bay Long Term Management Strategy (https://www.spn.usace.army.mil/Portals/68/docs/Dredging/LMTS/entire%20LMTF.pdf).

Additionally, all dredging should be conducted with mechanical methods (clamshell dredge) during the approved work windows to avoid and/or minimize the potential impacts to state listed and recreational/commercially important species. If methods other than mechanical dredging are being considered, consultation with the Department will be recommended.

Recommendation: The Department recommends that the DEIR include discussion on dredging methods and anticipated time of the year in which dredging may occur. The Department recommends the following avoidance and minimization measures as it pertains to dredging:

- All dredging should occur within The San Francisco Bay Long Term Management Strategy environmental work windows for dredging and disposal (Attachment 2).
- All dredged material deemed appropriate by the Dredged Material Management Office should be placed at an approved in-bay beneficial reuse site.

- Dredging should be conducted with mechanical methods to minimize potential impacts to state listed and commercially/recreationally valuable species and their habitat.

Eelgrass

Comment: Native eelgrass beds (*Zostera marina*) have been observed and mapped near the proposed Project. Eelgrass beds are an important part of the San Francisco Bay ecosystem and are recognized by state and federal statutes as both highly valuable and sensitive habitats. Eelgrass provides primary production and nutrients to the ecosystem along with spawning, foraging, and nursery habitat for fish and other species. Pursuant to the federal Magnuson-Stevens Fishery Conservation and Management Act, eelgrass is designated as Essential Fish Habitat for various federally managed fish species within the Pacific Coast Groundfish and Pacific Coast Salmon Fisheries Management Plans (FMP). Eelgrass is also considered a habitat area of particular concern for various species within the Pacific Coast Groundfish FMP. The importance of eelgrass to Pacific herring in San Francisco Bay has been highlighted in the Departments Pacific herring FMP. Eelgrass beds are further protected under state and federal "no-net-loss" policies for wetland habitats and are also listed by the Department as a Sensitive Natural Community with a vulnerable listing status (State Rank S3). Additionally, the importance of eelgrass protection and restoration, as well as the ecological benefits of eelgrass, is identified in the California Public Resources Code (Pub. Resources Code § 35630).

Recommendation: The Department recommends that the DEIR evaluate the Project's potential to impact eelgrass based on the in-water activities analyzed.

ENVIRONMENTAL DATA

CEQA requires that information developed in environmental impact reports and negative declarations be incorporated into a database that may be used to make subsequent or supplemental environmental determinations. (Pub. Resources Code, § 21003, subd. (e)). Accordingly, please report any special status species and natural communities detected during Project surveys to the California Natural Diversity Database (CNDDB). The CNNDB field survey form can be found at the following link: https://wildlife.ca.gov/Data/CNDDB/SubmittingData#44524420-pdf-field-survey-form. The completed form can be mailed electronically to CNDDB at the following email address: CNDDB@wildlife.ca.gov. The types of information reported to CNDDB can be found at the following link: https://wildlife.ca.gov/Data/CNDDB/Plants-and-Animals.

FILING FEES

The Project, as proposed, would have an impact on fish and/or wildlife, and assessment of filing fees is necessary. Fees are payable upon filing of the Notice of Determination by the Lead Agency and serve to help defray the cost of environmental review by the

Department. Payment of the fee is required in order for the underlying project approval to be operative, vested, and final. (Cal. Code Regs, tit. 14, § 753.5; Fish & G. Code, § 711.4; Pub. Resources Code, § 21089).

CONCLUSION

The Department appreciates the opportunity to comment on the NOP to assist the City of Berkeley in identifying and mitigating Project impacts on biological resources. Questions regarding this letter or further coordination should be directed Arn Aarreberg, Environmental Scientist, at (707) 791-4195 or R7CEQA@wildlife.ca.gov.

Sincerely,



Craig Shuman, D. Env
Marine Regional Manager

ATTACHMENTS

Attachment 1 – Agreement in Principle for Interim Criteria for Injury to Fish from Pile Driving Activities

Attachment 2 – San Francisco Bay Long Term Management Strategy Maintenance Dredging Work Windows by Area and Species

ec: Claire Waggoner, Environmental Program Manager
Department of Fish and Wildlife

Eric Wilkins, Senior Environmental Scientist
Department of Fish and Wildlife

Arn Aarreberg, Environmental Scientist
Department of Fish and Wildlife

Brian Wines, Water Resources Control Engineer
San Francisco District Regional Water Quality Control Board

Reyna Amezcua, Regulatory Secretary
San Francisco Bay Conservation and Development Commission

Habitat Conservation Program Branch CEQA Program Coordinator
California Department of Fish and Wildlife

State Clearinghouse (SCH # 2025040995)

NOAA's Fisheries Northwest and Southwest Regions	U.S. Fish and Wildlife Service Regions 1 & 8	California/Washington/ Oregon Departments of Transportation	California Department of Fish and Game	U.S. Federal Highway Administration

MEMORANDUM

June 12, 2008

From: Fisheries Hydroacoustic Working Group

Subject: Agreement in Principle for Interim Criteria for Injury to Fish from Pile Driving Activities

To: Applicable Agency Staff

The signatory agencies, identified below, have agreed in principle to use the attached Interim Criteria for Injury to Fish from Pile Driving Activities. The agreement was concluded at a meeting in Vancouver, Washington on June 10-11, 2008 with key technical and policy staff from the Federal Highway Administration, NOAA Fisheries, U.S. Fish and Wildlife Service, the Departments of Transportation from California, Oregon, and Washington; and national experts on sound propagation activities that affect fish and wildlife species of concern. The agreed upon criteria identify sound pressure levels of 206 dB peak and 187 dB accumulated sound exposure level(SEL) for all listed fish except those that are less than 2 grams. In that case, the criteria for the accumulated SEL will be 183 dB.

These criteria will apply to all new projects beginning no later than 60 days from the date of this memorandum. During the interim 60 day period, the Transportation Agencies will work with the Services to identify projects currently in the consultation process and reach agreement on which criteria will be used to assess project effects.

The agencies agree to review the science periodically and revise the threshold and cumulative levels as needed to reflect current information. Behavioral impacts to fish and impacts to marine mammals are not addressed in this agreement. Sub-injurious effects will continue to be discussed in future meetings.

The respective agencies also agree to develop appropriate training for staff on these revised criteria, as well as a process to review and possibly refine the criteria, when appropriate.

For questions or concerns about the revised criteria, we recommend staff contact their agency environmental coordinator or agency expert on pile driving issues.

Carol H. Adkins

Federal Highway Administration*

*FHWA supports the use of these interim criteria in the states signing this agreement in principle. FHWA leaves the schedule for implementation to the discretion of the state DOTs in cooperation with their respective FHWA Division Offices and the Services.

Michael Schwan

NOAA Fisheries – NWR

Russell M Strach

NOAA Fisheries – SWR

Ken S Berg

US Fish and Wildlife Service Region 1

Richard E Rogers Jr.

US Fish and Wildlife Service Region 8

California Department of Transportation

California Department of Fish and Game

H. C. Wong, Geo - Environmental Mgr

Oregon Department of Transportation

Washington State Department of Transportation

Maintenance Dredging Work Windows by Area and Species

Revised Draft Work Windows (Green)
1/06/21

Site	Species	January 1-15	January 16-31	February 1-15	February 16-28	March 1-15	March 16-31	April 1-15	April 16-30	May 1-15	May 16-31	June 1-15	June 16-30	July 1-15	July 16-31	August 1-15	August 16-31	September 1-15	September 16-30	Ocobert 1-15	Ocobert 16-31	November 1-15	November 16-30	December 1-15	December 16-31
SF Bay Bridge to Sherman Island	Chinook Salmon and Steelhead	Consultation Required January to May										Work Window												Consultation Required November to December	
Carquinez Bridge to Collinsville	Delta Smelt Water ≤10' *	Consultation Required January to December																							
	Delta Smelt Water >10' *	Consultation Required January to July														Work Window August to November								Consultation Required November to December	
Napa and Petaluma Rivers, Sonoma Creek	Steelhead	Consultation Required January to July														Work Window August to Ocotber 15				Consultation Required October 16 to December					
Napa River	Delta Smelt	Work Window January		Consultation Required February to July												Work Window August to December									
All areas within 45 meters of eelgrass habitat	Dungeness Crab	Work Window January to April								Consultation Required May to June				Work Window July to December											
San Francisco Bay from Pinole Point to Redwood Creek	Pacific Herring	Consultation Required January to March 15						Work Window March 16 to November																Consultation Required November to December	
Richardson Bay & San Francisco Waterfront (Hard stop at November 30th)	Pacific Herring	Consultation Required January to March 15						Work Window March 16 to November																Consultation Required November to December	
Waters of Marin County from the Golden Gate Bridge to Richmond-San Rafael Bridge	Coho Salmon	Consultation Required January to May										Work Window June to October										Consultation Required November to December			
Berkeley Marina to San Lorenzo Creek within 1 mile of coastline	California Least Tern	Work Window January to March 15				Consultation Required March 16 to July										Work Window August to December									
South of Highway 92 Bridge (San Mateo-Hayward)	California Least Tern	Work Window January to May										Consultation Required June to September 15						Work Window September to December							
In areas with eelgrass beds	California Least Tern	Consultation Required January to December																							
Baywide in areas of salt marsh habitat	California Clapper Rail	Consultation Required January to December																							
Baywide within 250 feet of salt marsh habitat	California Clapper Rail	Work Window January		Consultation Required February to August														Work Window September to December							
In and adjacent to salt marsh habitat	Salt Marsh Harvest Mouse	Consultation Required January to December																							
Within 300 feet of known roost site	California Brown Pelican	Work Window Janaury to June												Consultation Required July to September						Work Window October to December				

For more detailed information, see Appendix F of the LTMS Management Plan or the LTMS EIR/EIS.
* Depths are represented in MLLW, and are project depth, not including over dredge allowance
**This chart is for operations and maintenance dredging of existing navigational facilities. Other species may be affected by work in other areas.

WORK WINDOW

CONSULTATION REQUIRED

From: Ayon, Llisel@DOT <Llisel.Ayon@dot.ca.gov>
Sent: Monday, May 19, 2025 11:55 AM
To: McNulty, Liza <lmcnulty@berkeleyca.gov>
Cc: OPR State Clearinghouse <state.clearinghouse@opr.ca.gov>
Subject: Berkeley Water Transportation Pier Ferry DEIR - Caltrans Comments

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Hi Liza,

Please see the attached letter for Caltrans comments on the above referenced project. Let me know if you have any questions.

Thank you,

Llisel Ayon
Associate Transportation Planner
Caltrans, District 4 | Local Development Review
Cell: (510) 506-6184

California Department of Transportation

DISTRICT 4
OFFICE OF REGIONAL AND COMMUNITY PLANNING
P.O. BOX 23660, MS–10D | OAKLAND, CA 94623-0660
www.dot.ca.gov

May 19, 2025

SCH #: 2025040995
GTS #: 04-ALA-2025-00941
GTS ID: 36151
Co/Rt/Pm: ALA/80/R6.899

Liza McNulty, Project Manager
City of Berkeley
2180 Milvia Street, 3rd Floor
Berkeley, CA 94707

Re: Berkeley Water Transportation Pier Ferry — Notice of Preparation (NOP) of a Draft Environmental Impact Report (DEIR)

Dear Liza McNulty:

Thank you for including the California Department of Transportation (Caltrans) in the environmental review process for the Berkeley Water Transportation Pier Ferry project. The Local Development Review (LDR) Program reviews land use projects and plans to ensure consistency with our mission and state planning priorities. The following comments are based on our review of the April 2025 DEIR.

Please note this correspondence does not indicate an official position or approval by Caltrans on this project and is for informational purposes only.

Project Understanding
The proposed project aims to revitalize the Berkeley Waterfront near Interstate (I)-80 by developing new dual-purpose pier and ancillary uses that support both public recreation and zero-emission public ferry service.

Travel Demand Analysis
With the enactment of Senate Bill (SB) 743, Caltrans is focused on maximizing efficient development patterns, innovative travel demand reduction strategies, and multimodal improvements. For more information on how Caltrans assesses Vehicle Miles Traveled (VMT) analysis for land use projects, please review Caltrans' Transportation Impact Study Guide (*link*). Caltrans looks forward to reviewing the VMT analysis in the DEIR when it is available.

Climate Change/Sea Level Rise
Please ensure that Caltrans remains informed about the various climate stressors affecting the project location, and the ongoing development and implementation of adaptation and resilience initiatives. Caltrans is particularly interested in the City of Berkeley's efforts to enhance coastal resilience along its shoreline. Given San Francisco Bay Conservation and Development Commission (BCDC) guidance and SB 272, which requires jurisdictions along the bay shoreline to develop a Regional Shoreline Adaptation Plan, please consider how the project will fit into the City's wider adaptation framework and plan. Additionally, please consider the effects of various climate stressors from sea level rise to storm surge and extreme precipitation on the project location and its surrounding location.

Given these considerations, please keep Caltrans District 4 updated on any ongoing resiliency and adaptation efforts. For inquiries or concerns within District 4's geographical boundaries, please contact the Caltrans Bay Area Climate Change Planning Coordinator at D4_ClimateResilience@dot.ca.gov.

Construction-Related Impacts
Potential impacts to the State Right-of-Way (ROW) from project-related temporary access points should be analyzed. Mitigation for significant impacts due to construction and noise should be identified. Project work that requires movement of oversized or excessive load vehicles on State roadways requires a transportation permit that is issued by Caltrans. To apply, please visit Caltrans Transportation Permits (*link*). Prior to construction, coordination may be required with Caltrans to develop a Transportation Management Plan (TMP) to reduce construction traffic impacts to the State Transportation Network (STN).

Equitable Access
If any Caltrans facilities are impacted by the project, those facilities must meet American Disabilities Act (ADA) Standards after project completion. As well, the project must maintain bicycle and pedestrian access during construction. These access considerations support Caltrans' equity mission to provide a safe, sustainable, and equitable transportation network for all users.

Encroachment Permit
Please be advised that any temporary or permanent work including traffic control that encroaches in, under, or over any portion of the State highway ROW requires a Caltrans-issued encroachment permit.

The Office of Encroachment Permits requires 100% complete design plans and supporting documents to review and circulate the permit application package. The review and approval of encroachment projects is managed through the

Encroachment Permits Office Process (EPOP) or the Project Delivery Quality Management Assessment Process (QMAP), depending on project scope, complexity, and completeness of the application. Please use the following resources to determine the appropriate review process:

- TR-0416 Applicant's Checklist (*link*)
- Caltrans Encroachment Projects Processes – Information Video (*link*)
- Flowchart, Figure 1.2 in Section 108, Overview of the Encroachment Review Process, of Chapter 100 – The Permit Function, Caltrans Encroachment Permit Manual (*link*)

The permit approval typically takes less than 60 days, but may take longer depending on the project scope, size, complexity, completeness, compliance with applicable laws, standards, policies, and quality of the permit package submitted. Projects requiring exceptions to design standards, exceptions to encroachment policies, or external agency approvals may need more time to process.

To obtain more information and download the permit application, please visit Caltrans Encroachment Permits (*link*).

Thank you again for including Caltrans in the environmental review process. Should you have any questions regarding this letter, please contact Llisel Ayon, Associate Transportation Planner, via LDR-D4@dot.ca.gov. For future early coordination opportunities or project referrals, please visit Caltrans LDR website (*link*) or contact LDR-D4@dot.ca.gov.

Sincerely,

YUNSHENG LUO
Branch Chief, Local Development Review
Office of Regional and Community Planning

c: State Clearinghouse

From: Polanco, Julianne@Parks <Julianne.Polanco@parks.ca.gov>
Sent: Friday, April 18, 2025 12:07 PM
To: McNulty, Liza
Subject: RE: City of Berkeley Pier Ferry Project Notice of Preparation of an Environmental Impact Report (EIR)

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Ms. McNulty,

If you would send correspondence to our intake email address, that will be appreciated. It is: info.calshpo@parks.ca.gov

Sincerely,

Julianne Polanco

Julianne Polanco
State Historic Preservation Officer
California Office of Historic Preservation
1725 23rd Street. Suite 100
Sacramento, CA 95816
916-445-7000
www.ohp.parks.ca.gov

From: McNulty, Liza <lmcnulty@berkeleyca.gov>
Sent: Friday, April 18, 2025 10:16 AM
To: McNulty, Liza <lmcnulty@berkeleyca.gov>
Subject: City of Berkeley Pier Ferry Project Notice of Preparation of an Environmental Impact Report (EIR)

You don't often get email from lmcnulty@berkeleyca.gov. Learn why this is important

Hello,

The City of Berkeley is preparing an Environmental Impact Report (EIR) for the proposed Berkeley Water Transportation Pier Ferry Project, and is requesting public comments on the scope of the Draft EIR. The City will hold a public scoping meeting on Monday, May 5, 2025, beginning at 6 pm, via video and teleconference. The Notice of Preparation (NOP), including details regarding the public meeting, is attached here. The NOP and Project details are also available online at: Berkeley Pier with Ferry Access Project I City of Berkeley.

Best,

Liza **McNulty,** PE
Capital Improvement Program Manager
City of Berkeley Parks, Recreation & Waterfront Department
2180 Milvia Street, 3rd Floor
Berkeley, CA 94704
(510) 542-4131 (cell)

From: Navarro, Karina <karina.navarro@ebmud.com>
Sent: Wednesday, May 14, 2025 11:46 AM
To: McNulty, Liza <lmcnulty@berkeleyca.gov>
Cc: Rehnstrom, David <david.rehnstrom@ebmud.com>; Navarro, Karina <karina.navarro@ebmud.com>
Subject: RE: Notice of Preparation of a Draft Environmental Impact Report for the Berkeley Water Transportation Pier Ferry, Berkeley

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This message has been approved by the Manager of Water Distribution Planning - David J. Rehnstrom

Dear Ms. McNulty:

East Bay Municipal Utility District (EBMUD) appreciates the opportunity to comment on the Notice of Preparation of a Draft Environmental Impact Report for the Berkeley Water Transportation Pier Ferry Project (Project) located in the City of Berkeley. Please see attached document for EBMUD's comments.

If you have any questions concerning this response, please contact Sandra Mulhauser, Senior Civil Engineer, Major Facilities Planning Section at (510) 287-7032.

Sincerely,
David J. Rehnstrom
Manager of Water Distribution Planning

EAST BAY
MUNICIPAL UTILITY DISTRICT

May 14, 2025

Liza McNulty, Project Manager
City of Berkeley
Parks, Recreation and Waterfront Department
2180 Milvia Street, 3rd Floor
Berkeley, California 94707

Re: Notice of Preparation of a Draft Environmental Impact Report for the Berkeley Water Transportation Pier Ferry, Berkeley

Dear Ms. McNulty:

East Bay Municipal Utility District (EBMUD) appreciates the opportunity to comment on the Notice of Preparation (NOP) of a Draft Environmental Impact Report (EIR) for the Berkeley Water Transportation Pier Ferry Project (Project) located in the City of Berkeley (City). EBMUD has the following comments.

WATER SERVICE

EBMUD's Central Pressure Zone, with a service elevation between 0 and 100 feet, will serve the proposed development. Separate structures on a single parcel require separate water services. When the development plans are finalized, the City should contact EBMUD's New Business Office and request a water service estimate to determine costs and conditions for providing water service to the Project. Engineering and installation of water services require substantial lead time, which should be provided for in the City's development schedule.

WATER DISTRIBUTION PIPELINES

EBMUD owns and operates water distribution and transmission water mains in EBMUD rights-of-way (R/W) in University Avenue and Seawall Drive, which provide continuous service to EBMUD's customers in the area. There is a 12-inch water main in University Avenue that crosses the proposed Project electrical utility line and an 8-inch water main in EBMUD R/W 2010-A in Seawall Drive that traverses through the Project site (see Attachment A – Map of EBMUD Distribution Pipelines and R/Ws). R/W 2010-A services Hydrant 13615, Hydrant 13616, Hydrant 13617, and numerous water meters. Any proposed construction activity in University Avenue and Seawall Drive would need to be coordinated with EBMUD so that the integrity of these water mains are maintained at all times.

EBMUD also owns three rights-of way that are adjacent to the proposed Project, R/W 2010, R/W 1650, and R/W 2548. R/W 2010 is a 20-foot-wide easement that services EBMUD Hydrant H-15918, Hydrant 12323, Hydrant 12324, and numerous water meters. R/W 1650 is a 10-foot-wide easement that services EBMUD Hydrant 19543 and water meters. R/W 2548 is a 15-foot-

Recycled Paper

wide easement that services Hydrant H-10672 and water meters. Any proposed construction activity in EBMUD rights-of-way would be subject to the terms and conditions determined by EBMUD including relocation of the water mains and/or R/W at the City's expense.

It is imperative to continue to coordinate with EBMUD during the development of street improvement projects, so reasonable time can be provided for planning, design, and construction if conflicts exist to avoid schedule impacts. The City and EBMUD will need to continue to work together in developing and finalizing the scope of work for EBMUD infrastructure adjustments and relocations. EBMUD requires reasonable time to allocate resources and modify internal construction schedules. EBMUD recommends at least 18 months advance notification for upcoming street improvement projects to allow for a reasonable amount of time to perform water pipeline relocations. The following table provides a typical project schedule for EBMUD to design and relocate approximately 1,500 feet of 8-inch water pipeline. The required time may increase or decrease depending on the size, length and complexity of the water pipeline project; and if constructed by EBMUD crews or by contractor.

Required Time	**Schedule Task**
1 month	Receive Street Improvement and Understand Impacts
1 month	Review Project and Planning Assessment
2 months	Collect Survey Data or Use Existing Survey from Requesting Agency
2 months	Draft Base Drawing for Water Main Relocation
3 months	Design Water Main Relocation
2 months	Develop Construction Bid Documents
3 months	Advertise and Award Water Main Relocation Project
4 months	Install New Water Main and Provide Temporary Paving
18 months	*Reasonable Notification Time (Typical Project: 1,500 feet of 8-inch pipe)*

EBMUD will not design piping or services until soil and groundwater quality data and remediation plans have been received and reviewed and will not start underground work until remediation has been carried out and documentation of the effectiveness of the remediation has been received and reviewed. If no soil or groundwater quality data exists, or the information supplied by the City is insufficient, EBMUD may require the City to perform sampling and analysis to characterize the soil and groundwater that may be encountered during excavation, or EBMUD may perform such sampling and analysis at the City's expense. If evidence of contamination is discovered during EBMUD work on the Project site, work may be suspended until such contamination is adequately characterized and remediated to EBMUD standards.

EBMUD's water distribution pipelines and valves must always be accessible to EBMUD staff in order to maintain high-quality domestic water and fire flow services and mitigate for planned and

unplanned pipeline outages. The City is responsible for protecting in-place pipeline valves and ensuring that pipeline valves are accessible (i.e., not paved over) during and after Project construction. EBMUD recommends that the City review EBMUD as-built drawings and identify potential utility conflicts between Project improvements and existing EBMUD pipelines. Attached are EBMUD guidelines for requesting pipeline as-builts that include pipeline vertical data (see Attachment B – EBMUD Map & Utility Information Request Form and Guidelines). EBMUD's process for requesting as-built drawings is a two steps process: 1) request EBMUD water distribution maps, and 2) submit to EBMUD marked-up EBMUD water distribution maps identifying which water pipeline as-builts are needed to evaluate water pipelines within street improvements. In some cases, EBMUD as-builts are not available and in those situations EBMUD recommends local agencies to pothole and field locate utilities.

EBMUD'S DESIGN STANDARDS AND SPECIFICATIONS

When evaluating the need and method for relocating and adjusting EBMUD infrastructure (e.g., pipelines, meters, valves, and fire hydrants), please review EBMUD's Design Standards and Specifications for Mains 20-inches and Smaller, which are located on the following webpage under "Apply for Standard Water Service": https://www.ebmud.com/customers/new-meter-installation.

PIPELINE VALVE COVER ADJUSTMENTS

For utility conflicts between the Project and existing EBMUD pipeline valve covers, the City must share with EBMUD conflict locations, and existing and final pavement grade elevations. EBMUD will support paving street improvement projects as follows:

- Grade change less than 0.5-inches - For street improvement projects with a grade change elevation less than 0.5-inches, EBMUD is not obligated to adjust pipeline valve covers to facilitate the construction of street improvements, pursuant to Streets & Highways Code Section 680, which states that EBMUD may not be required to relocate its facilities for a temporary purpose. However, EBMUD will provide valve cover rings, at no cost, to be used to make valve cover adjustments as needed. The City is responsible for protecting in-place EBMUD pipeline valve covers which will be inspected by EBMUD staff post Project completion. Pipeline valves must remain accessible during and after Project construction for water distribution operations (i.e., not paved over).

- Grade change greater than 0.5-inches - For street improvement projects with a grade change elevation greater than 0.5-inches, EBMUD will support the Project by adjusting pipelines valve covers (one time) to the final street grade. However, EBMUD is not obligated to adjust valves during construction to facilitate means and methods for completing street improvements, pursuant to Streets & Highways Code Section 680, which states that EBMUD may not be required to relocate its facilities for a temporary purpose. The City is responsible for protecting in-place EBMUD pipeline valve covers which will be inspected by EBMUD staff post Project completion. Pipelines valves must remain accessible during and after Project construction for water distribution operations (i.e., not paved over).

- Pipeline Valve Cover Upgrades - If the City determines a need to upgrade old pipeline valve covers to the new Christy G-05 Valve Box and Rise Installation, EBMUD will provide the valve boxes and covers, and will reimburse the City for the valve box upgrade at a reasonable cost. To upgrade pipeline valve covers and boxes, the City must enter into a Valve Box Agreement with EBMUD prior to start of pipeline valve cover upgrades. An EBMUD Union notification will be required to complete the work by the County's contractor.

WATER METER RELOCATIONS AND ADJUSTMENTS

When an agency like the City completes street improvements (e.g., replace sidewalks, street pavement, and storm drain pipelines) to improve both street safety and street aesthetics, EBMUD supports the agency by relocating water meters to meet Project objectives, current design standards (e.g., meters need to be placed at 1-foot off the face of curb), and mitigate utility conflicts. EBMUD relocates water meters to their new location once the area is staked and is ready for final meter placement (e.g., forms for new sidewalk and other features are in place). The City is then responsible for relocating the customer's private water service line to the new meter location. EBMUD is not financially liable for work beyond the water meter (i.e., private water line).

HYDRANT RELOCATIONS OR ADJUSTMENTS (SET-BACKS/SET- FORWARDS)

When the City completes street improvements (e.g., replace sidewalks and curbs) to improve both street safety and street aesthetics, the City must ensure that there are no conflicts between existing EBMUD fire hydrants and new curb ramps and sidewalks. Fire hydrants must be located 5-feet from the edge of curb ramps and 20 to 24- inches from the face of street curbs. Hydrant relocations are horizontal offsets that require the installation of new hydrant service laterals; hydrant relocations require the City to submit Hydrant Relocation Application with EBMUD's New Business Office (510-287- 1010) or via EBMUD's online water service application at https://wsa.ebmud.com.

PRE-CONSTRUCTION MEETING

The City shall invite EBMUD's North Area Service Center Superintendent, Boyce Le Grande (510-986-7733 or boyce.legrande@ebmud.com), Assistant Superintendent, Tim Lewis (510-919-5071 or timothy.lewis@ebmud.com) and North Area Engineer Oscar Herrera (520-287-1005 or oherrera@ebmud.com) to all pre-construction meetings.

WASTEWATER SERVICE

EBMUD's Main Wastewater Treatment Plant (MWWTP) and interceptor system are anticipated to have adequate dry weather capacity to accommodate the proposed wastewater flows from this Project and to treat such flows provided that the wastewater generated by the Project meets the requirements of the EBMUD Wastewater Control Ordinance. However, wet weather flows are a concern. The East Bay regional wastewater collection system experiences exceptionally high

peak flows during storms due to excessive infiltration and inflow (I/I) that enters the system through cracks and misconnections in both public and private sewer lines. EBMUD has historically operated three Wet Weather Facilities (WWFs) to provide primary treatment and disinfection for peak wet weather flows that exceed the treatment capacity of the MWWTP. Due to reinterpretation of applicable law, EBMUD's National Pollutant Discharge Elimination System (NPDES) permit now prohibits discharges from EBMUD's WWFs. Additionally, the seven wastewater collection system agencies that discharge to the EBMUD wastewater interceptor system ("Satellite Agencies") hold NPDES permits that prohibit them from causing or contributing to WWF discharges. These NPDES permits have removed the regulatory coverage the East Bay wastewater agencies once relied upon to manage peak wet weather flows.

A federal consent decree, negotiated among EBMUD, the Satellite Agencies, the Environmental Protection Agency (EPA), the State Water Resources Control Board (SWRCB), and the Regional Water Quality Control Board (RWQCB), requires EBMUD and the Satellite Agencies to eliminate WWF discharges by 2036. To meet this requirement, actions will need to be taken over time to reduce I/I in the system. The consent decree requires EBMUD to continue implementation of its Regional Private Sewer Lateral Ordinance (www.eastbaypsl.com), construct various improvements to its interceptor system, and identify key areas of inflow and rapid infiltration over a 22-year period. Over the same time period, the consent decree requires the Satellite Agencies to perform I/I reduction work including sewer main rehabilitation and elimination of inflow sources. EBMUD and the Satellite Agencies must jointly demonstrate at specified intervals that this work has resulted in a sufficient, pre-determined level of reduction in WWF discharges. If sufficient I/I reductions are not achieved, additional investment into the region's wastewater infrastructure would be required, which may result in significant financial implications for East Bay residents.

To ensure that the proposed Project contributes to these legally required I/I reductions, the lead agency should require the Project applicant to comply with EBMUD's Regional Private Sewer Lateral Ordinance. Additionally, it would be prudent for the lead agency to require the following mitigation measures for the proposed Project: (1) replace or rehabilitate any existing sanitary sewer collection systems, including sewer lateral lines to ensure that such systems and lines are free from defects or, alternatively, disconnected from the sanitary sewer system, and (2) ensure any new wastewater collection systems, including sewer lateral lines, for the Project are constructed to prevent I/I to the maximum extent feasible while meeting all requirements contained in the Regional Private Sewer Lateral Ordinance and applicable municipal codes or Satellite Agency ordinances.

WATER CONSERVATION

The Project presents an opportunity to incorporate water conservation measures. EBMUD requests that the City include in its conditions of approval a requirement that the City comply with Assembly Bill 325, "Model Water Efficient Landscape Ordinance," (Division 2, Title 23, California Code of Regulations, Chapter 2.7, Sections 490 through 495). The City should be aware that Section 31 of EBMUD's Water Service Regulations requires that water service shall not be furnished for new or expanded service unless all the applicable water-efficiency measures

described in the regulation are installed at the City's expense.

If you have any questions concerning this response, please contact Sandra Mulhauser, Senior Civil Engineer, Major Facilities Planning Section at (510) 287-7032.

Sincerely,

David J. Rehnstrom
Manager of Water Distribution Planning

DJR:AIT:kn
wdpd25_069_Berkeley Water Transportation Pier Ferry.doc

Attachments: A – Map of EBMUD Distribution Pipelines and R/W
B – EBMUD Map & Utility Information Request Form and Guidelines

EAST BAY MUNICIPAL UTILITY DISTRICT

Potable Distribution System

- Potable Pipeline
- Service Lateral
- System Valve (*OL = Opens Left*)
- Check Valve
- Zone Valve
- Change of Pipe ID
- Rate Control Station
- Regulator
- Pressure Reducing Station
- Flow Meter
- Manhole
- Service Connection
- Hydrant
- Facility
- Pumping Plant

Landbase

- EBMUD Right of Way

LOCATIONS ARE APPROXIMATE – NOT INTENDED FOR DESIGN PURPOSES – REQUEST AS-BUILT DRAWINGS IF NEEDED FOR DESIGN WORK



N

0 125 250 500

Feet

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Date Printed: 12/16/2024

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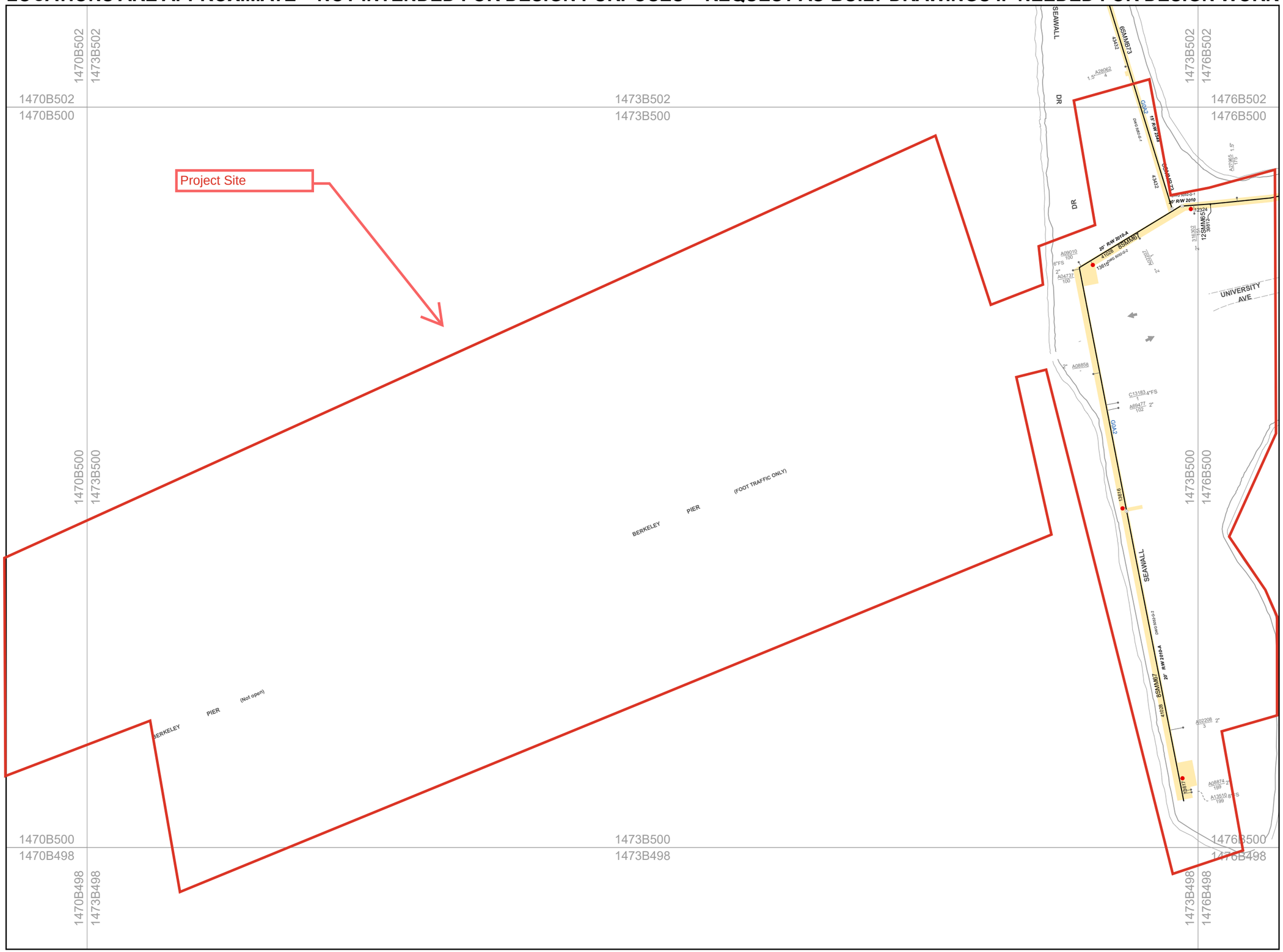
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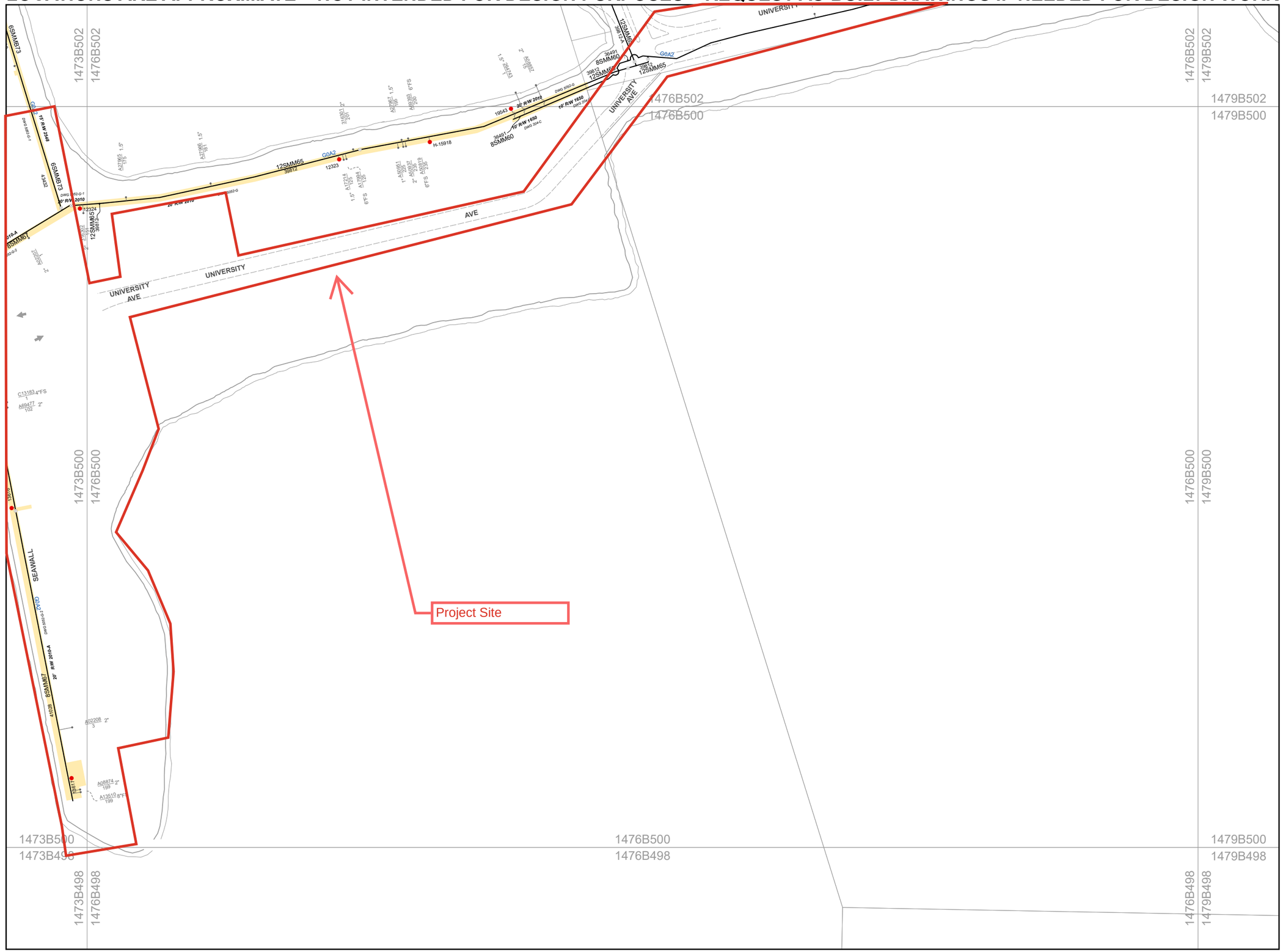
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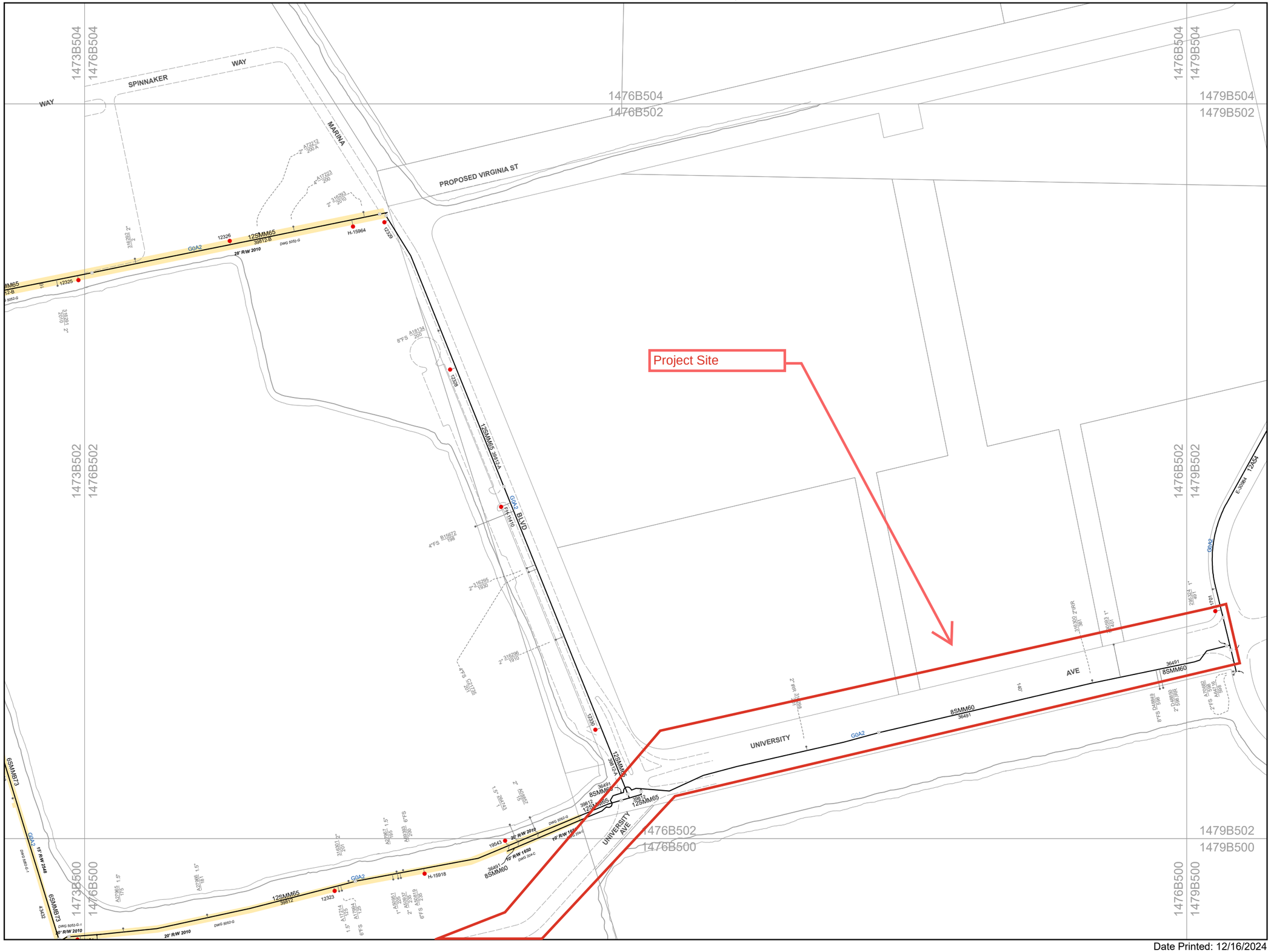
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Date Printed: 12/16/2024

EBMUD

Map & Utility Information Request Form

(Fillable PDF form)

Date of Submission:		
Requestor:	Name	
	Company/Agency	
	Address	
	Email	
	Phone	
Purpose of Request: Provide brief reason for the requested Mapping or Utility Information		

Include a Vicinity Map with all requests and
a Highlighted Map with all UTILITY INFORMATION requests

(See the Map & Utility Information Guidelines for map examples)

With this submittal, I agree to the following:

This information is furnished as a public service by East Bay Municipal Utility District. The District makes every effort to produce and publish the most current and accurate information possible. This information must be accepted and used by the recipient with the understanding that the District makes no warranties, expressed or implied, concerning the accuracy, completeness, reliability, or suitability for the use of this information. Furthermore, the District assumes no liability associated with the use or misuse of such information. Please notify the District if discrepancies are found.

By receipt of requested documents, the DOCUMENT RECIPIENT agrees that he or she, and/or any other authorized representatives of the DOCUMENT RECIPIENT, will provide no copy (nor partial copy) to any other person or agency, will not redistribute any document to any other entity, business or individual, nor use the document for other than the specified purpose. At the point the document is no longer required for use by the DOCUMENT RECIPIENT, the data shall be returned to the District or destroyed.

EAST BAY MUNICIPAL UTILITY DISTRICT

Map & Utility Information Request Guidelines

July 29, 2019

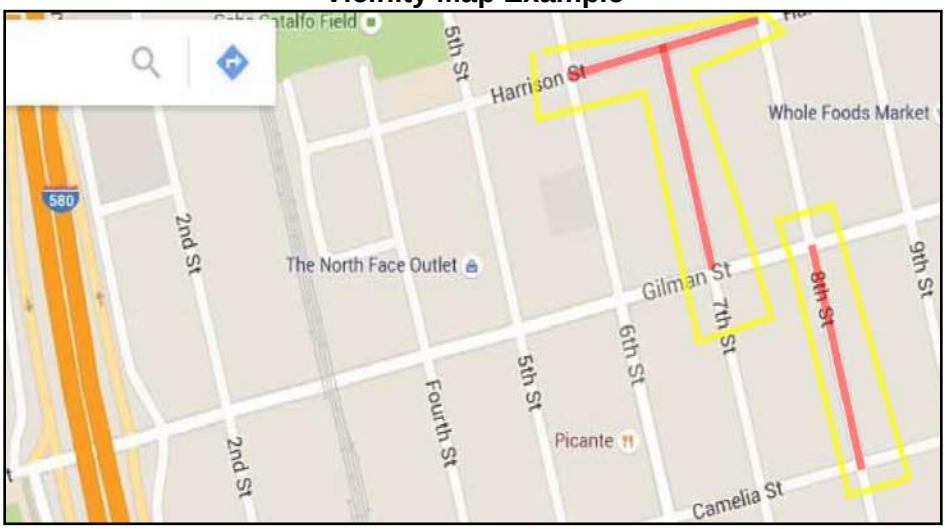
REQUESTING MAP INFORMATOIN FROM EBMUD

Mapping Services provides electronic PDF's of the WATER DISTRIBUTION SYSTEM map used by the District. Requests for maps showing other utilities should be submitted through the responsible agency. Water distribution pipelines and appurtenances will be shown as close as possible to actual field locations, but portions are often shifted or distorted to allow for visual clarity between graphic elements.

Complete the attached **Map & Utility Information Request Form** and include a **Site Vicinity Map** for the area being requested *(see Sample Vicinity Map below).*

> ***Note to homeowners:*** *Include a copy of personal identification, such as a Driver's License, with the request. The area being requested by residents must include the residence or property of the requestor. If the requested area does not specifically include the requestor, then the group or organization seeking this information must be properly identified.*

Vicinity Map Example



Submit requests using one of the following methods *(email preferred)*:

- Email: *MapUnit@ebmud.com;* Subject: *Mapping Information Request*
- Mail: *EBMUD Mapping Services Request, PO Box 24055, MS 805, Oakland, CA 94623-1055*

FAQs

How long will it take to process the request?

Requests are typically processed within five business days. The completeness of the information provided, the size of the area requested, and the volume of requests received each day may impact the processing time. Mapping Services may process requests on a rotating basis, so it is not necessary to address the request to a specific individual.

What if more detailed or accurate information is needed?

After receiving and reviewing the map provided, if more detail is needed, such as pipeline construction drawings showing pipe depth, please refer to **Page 2** of this guideline.

EAST BAY MUNICIPAL UTILITY DISTRICT

Map & Utility Information Request Guidelines

July 29, 2019

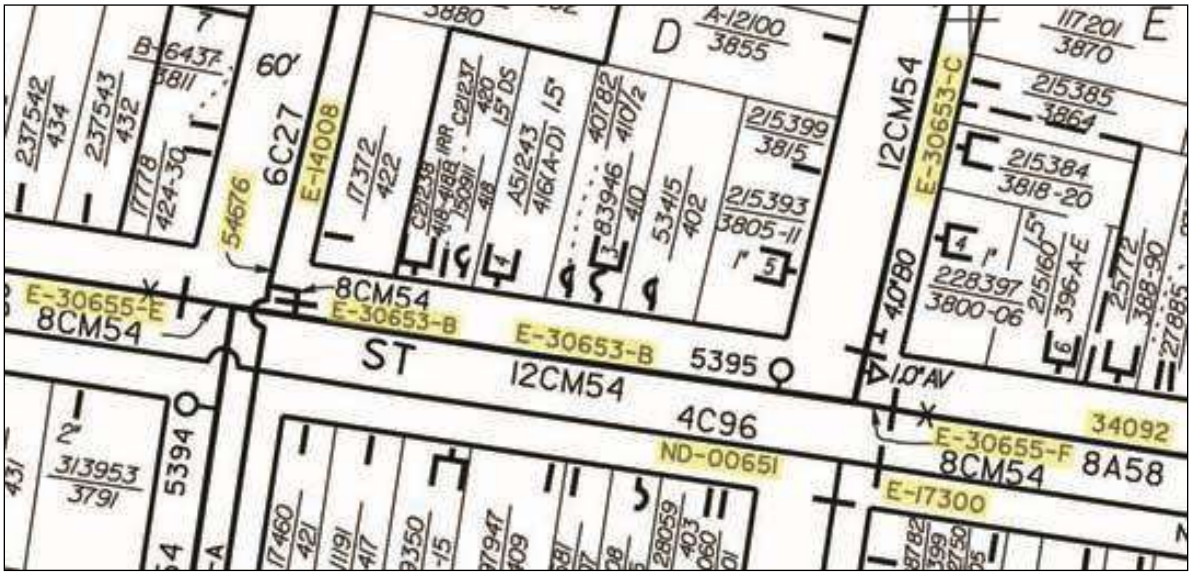
REQUESTING UTILITY INFORMATION FROM EBMUD

After receiving and reviewing the initial requested Water Distribution System map, if more detail is needed, such as detailed utility information, more accurate location, pipe depth, etc., please complete the attached **Map & Utility Information Request Form** and also include a map with **highlighted Extension Number(s)** to identify the construction drawing being requested *(see example of highlighted map below).*

Identifying Extension Numbers *(Required for UTILITY INFORMATION requests)*

An Extension Number is a number used to track the construction drawings for a pipe segment. The extension number may be five numbers only or five numbers with a one or two letter prefix and may include a single letter suffix. *NOTE: The "ND" designation means that EBMUD has "No Data" or construction drawings available for the pipeline.*

Highlighted Extension Number Map Example:



Submit requests using one of the following methods *(email preferred):*

- Email: *utility.info@ebmud.com*, Subject: *Utility Information Request*
- Mail: *EBMUD Utility Information Request, PO Box 24055, MS 504, Oakland, CA 94623-1055*

FAQ

What does the larger number near the Extension Number represent?

The Pipe Designation Number is the larger text, typically located below the pipe and near the extension number (e.g., 12CM54). This number represents the pipe's ***NOMINAL DIAMETER***, ***MATERIAL/LINING/COATING CODE***, and ***INSTALLATION YEAR***, in that order.

NATIVE AMERICAN HERITAGE COMMISSION

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NAHC HEADQUARTERS
1550 Harbor Boulevard
Suite 100
West Sacramento,
California 95691
(916) 373-3710
nahc@nahc.ca.gov

April 22, 2025

Liza McNulty
City of Berkeley
2180 Milvia Street
3rd Floor
Berkeley CA 94707

Re: 2025040995 Berkeley Water Transportation Pier Ferry Project, Alameda County

Dear Ms. McNulty:

The Native American Heritage Commission (NAHC) has received the Notice of Preparation (NOP), Draft Environmental Impact Report (DEIR) or Early Consultation for the project referenced above. The California Environmental Quality Act (CEQA) (Pub. Resources Code §21000 et seq.), specifically Public Resources Code §21084.1, states that a project that may cause a substantial adverse change in the significance of a historical resource, is a project that may have a significant effect on the environment. (Pub. Resources Code § 21084.1; Cal. Code Regs., tit.14, §15064.5 (b) (CEQA Guidelines §15064.5 (b)). If there is substantial evidence, in light of the whole record before a lead agency, that a project may have a significant effect on the environment, an Environmental Impact Report (EIR) shall be prepared. (Pub. Resources Code §21080 (d); Cal. Code Regs., tit. 14, § 5064 subd.(a)(1) (CEQA Guidelines §15064 (a)(1)). In order to determine whether a project will cause a substantial adverse change in the significance of a historical resource, a lead agency will need to determine whether there are historical resources within the area of potential effect (APE).

CEQA was amended significantly in 2014. Assembly Bill 52 (Gatto, Chapter 532, Statutes of 2014) (AB 52) amended CEQA to create a separate category of cultural resources, "tribal cultural resources" (Pub. Resources Code §21074) and provides that a project with an effect that may cause a substantial adverse change in the significance of a tribal cultural resource is a project that may have a significant effect on the environment. (Pub. Resources Code §21084.2). Public agencies shall, when feasible, avoid damaging effects to any tribal cultural resource. (Pub. Resources Code §21084.3 (a)). **AB 52 applies to any project for which a notice of preparation, a notice of negative declaration, or a mitigated negative declaration is filed on or after July 1, 2015.** If your project involves the adoption of or amendment to a general plan or a specific plan, or the designation or proposed designation of open space, on or after March 1, 2005, it may also be subject to Senate Bill 18 (Burton, Chapter 905, Statutes of 2004) (SB 18). **Both SB 18 and AB 52 have tribal consultation requirements.** If your project is also subject to the federal National Environmental Policy Act (42 U.S.C. § 4321 et seq.) (NEPA), the tribal consultation requirements of Section 106 of the National Historic Preservation Act of 1966 (154 U.S.C. 300101, 36 C.F.R. §800 et seq.) may also apply.

The NAHC recommends consultation with California Native American tribes that are traditionally and culturally affiliated with the geographic area of your proposed project as early as possible in order to avoid inadvertent discoveries of Native American human remains and best protect tribal cultural resources. Below is a brief summary of portions of AB 52 and SB 18 as well as the NAHC's recommendations for conducting cultural resources assessments.

Consult your legal counsel about compliance with AB 52 and SB 18 as well as compliance with any other applicable laws.

AB 52

AB 52 has added to CEQA the additional requirements listed below, along with many other requirements:

1. Fourteen Day Period to Provide Notice of Completion of an Application/Decision to Undertake a Project: Within fourteen (14) days of determining that an application for a project is complete or of a decision by a public agency to undertake a project, a lead agency shall provide formal notification to a designated contact of, or tribal representative of, traditionally and culturally affiliated California Native American tribes that have requested notice, to be accomplished by at least one written notice that includes:

- **a.** A brief description of the project.
- **b.** The lead agency contact information.
- **c.** Notification that the California Native American tribe has 30 days to request consultation. (Pub. Resources Code §21080.3.1 (d)).
- **d.** A "California Native American tribe" is defined as a Native American tribe located in California that is on the contact list maintained by the NAHC for the purposes of Chapter 905 of Statutes of 2004 (SB 18). (Pub. Resources Code §21073).

2. Begin Consultation Within 30 Days of Receiving a Tribe's Request for Consultation and Before Releasing a Negative Declaration, Mitigated Negative Declaration, or Environmental Impact Report: A lead agency shall begin the consultation process within 30 days of receiving a request for consultation from a California Native American tribe that is traditionally and culturally affiliated with the geographic area of the proposed project. (Pub. Resources Code §21080.3.1, subds. (d) and (e)) and prior to the release of a negative declaration, mitigated negative declaration or Environmental Impact Report. (Pub. Resources Code §21080.3.1(b)).

- **a.** For purposes of AB 52, "consultation shall have the same meaning as provided in Gov. Code §65352.4 (SB 18). (Pub. Resources Code §21080.3.1 (b)).

3. Mandatory Topics of Consultation If Requested by a Tribe: The following topics of consultation, if a tribe requests to discuss them, are mandatory topics of consultation:

- **a.** Alternatives to the project.
- **b.** Recommended mitigation measures.
- **c.** Significant effects. (Pub. Resources Code §21080.3.2 (a)).

4. Discretionary Topics of Consultation: The following topics are discretionary topics of consultation:

- **a.** Type of environmental review necessary.
- **b.** Significance of the tribal cultural resources.
- **c.** Significance of the project's impacts on tribal cultural resources.
- **d.** If necessary, project alternatives or appropriate measures for preservation or mitigation that the tribe may recommend to the lead agency. (Pub. Resources Code §21080.3.2 (a)).

5. Confidentiality of Information Submitted by a Tribe During the Environmental Review Process: With some exceptions, any information, including but not limited to, the location, description, and use of tribal cultural resources submitted by a California Native American tribe during the environmental review process shall not be included in the environmental document or otherwise disclosed by the lead agency or any other public agency to the public, consistent with Government Code §6254 (r) and §6254.10. Any information submitted by a California Native American tribe during the consultation or environmental review process shall be published in a confidential appendix to the environmental document unless the tribe that provided the information consents, in writing, to the disclosure of some or all of the information to the public. (Pub. Resources Code §21082.3 (c)(1)).

6. Discussion of Impacts to Tribal Cultural Resources in the Environmental Document: If a project may have a significant impact on a tribal cultural resource, the lead agency's environmental document shall discuss both of the following:

- **a.** Whether the proposed project has a significant impact on an identified tribal cultural resource.
- **b.** Whether feasible alternatives or mitigation measures, including those measures that may be agreed to pursuant to Public Resources Code §21082.3, subdivision (a), avoid or substantially lessen the impact on the identified tribal cultural resource. (Pub. Resources Code §21082.3 (b)).

7. Conclusion of Consultation: Consultation with a tribe shall be considered concluded when either of the following occurs:

a. The parties agree to measures to mitigate or avoid a significant effect, if a significant effect exists, on a tribal cultural resource; or

b. A party, acting in good faith and after reasonable effort, concludes that mutual agreement cannot be reached. (Pub. Resources Code §21080.3.2 (b)).

8. Recommending Mitigation Measures Agreed Upon in Consultation in the Environmental Document: Any mitigation measures agreed upon in the consultation conducted pursuant to Public Resources Code §21080.3.2 shall be recommended for inclusion in the environmental document and in an adopted mitigation monitoring and reporting program, if determined to avoid or lessen the impact pursuant to Public Resources Code §21082.3, subdivision (b), paragraph 2, and shall be fully enforceable. (Pub. Resources Code §21082.3 (a)).

9. Required Consideration of Feasible Mitigation: If mitigation measures recommended by the staff of the lead agency as a result of the consultation process are not included in the environmental document or if there are no agreed upon mitigation measures at the conclusion of consultation, or if consultation does not occur, and if substantial evidence demonstrates that a project will cause a significant effect to a tribal cultural resource, the lead agency shall consider feasible mitigation pursuant to Public Resources Code §21084.3 (b). (Pub. Resources Code §21082.3 (e)).

10. Examples of Mitigation Measures That, If Feasible, May Be Considered to Avoid or Minimize Significant Adverse Impacts to Tribal Cultural Resources:

a. Avoidance and preservation of the resources in place, including, but not limited to:

i. Planning and construction to avoid the resources and protect the cultural and natural context.

ii. Planning greenspace, parks, or other open space, to incorporate the resources with culturally appropriate protection and management criteria.

b. Treating the resource with culturally appropriate dignity, taking into account the tribal cultural values and meaning of the resource, including, but not limited to, the following:

i. Protecting the cultural character and integrity of the resource.

ii. Protecting the traditional use of the resource.

iii. Protecting the confidentiality of the resource.

c. Permanent conservation easements or other interests in real property, with culturally appropriate management criteria for the purposes of preserving or utilizing the resources or places.

d. Protecting the resource. (Pub. Resource Code §21084.3 (b)).

e. Please note that a federally recognized California Native American tribe or a non-federally recognized California Native American tribe that is on the contact list maintained by the NAHC to protect a California prehistoric, archaeological, cultural, spiritual, or ceremonial place may acquire and hold conservation easements if the conservation easement is voluntarily conveyed. (Civ. Code §815.3 (c)).

f. Please note that it is the policy of the state that Native American remains and associated grave artifacts shall be repatriated. (Pub. Resources Code §5097.991).

11. Prerequisites for Certifying an Environmental Impact Report or Adopting a Mitigated Negative Declaration or Negative Declaration with a Significant Impact on an Identified Tribal Cultural Resource: An Environmental Impact Report may not be certified, nor may a mitigated negative declaration or a negative declaration be adopted unless one of the following occurs:

a. The consultation process between the tribes and the lead agency has occurred as provided in Public Resources Code §21080.3.1 and §21080.3.2 and concluded pursuant to Public Resources Code §21080.3.2.

b. The tribe that requested consultation failed to provide comments to the lead agency or otherwise failed to engage in the consultation process.

c. The lead agency provided notice of the project to the tribe in compliance with Public Resources Code §21080.3.1 (d) and the tribe failed to request consultation within 30 days. (Pub. Resources Code §21082.3 (d)).

The NAHC's PowerPoint presentation titled, "Tribal Consultation Under AB 52: Requirements and Best Practices" may be found online at: http://nahc.ca.gov/wp-content/uploads/2015/10/AB52TribalConsultation_CalEPAPDF.pdf

SB 18

SB 18 applies to local governments and requires local governments to contact, provide notice to, refer plans to, and consult with tribes prior to the adoption or amendment of a general plan or a specific plan, or the designation of open space. (Gov. Code §65352.3). Local governments should consult the Governor's Office of Planning and Research's "Tribal Consultation Guidelines," which can be found online at: https://www.opr.ca.gov/docs/09_14_05_Updated_Guidelines_922.pdf.

Some of SB 18's provisions include:

1. Tribal Consultation: If a local government considers a proposal to adopt or amend a general plan or a specific plan, or to designate open space it is required to contact the appropriate tribes identified by the NAHC by requesting a "Tribal Consultation List." If a tribe, once contacted, requests consultation the local government must consult with the tribe on the plan proposal. **A tribe has 90 days from the date of receipt of notification to request consultation unless a shorter timeframe has been agreed to by the tribe.** (Gov. Code §65352.3 (a)(2)).
2. No Statutory Time Limit on SB 18 Tribal Consultation. There is no statutory time limit on SB 18 tribal consultation.
3. Confidentiality: Consistent with the guidelines developed and adopted by the Office of Planning and Research pursuant to Gov. Code §65040.2, the city or county shall protect the confidentiality of the information concerning the specific identity, location, character, and use of places, features and objects described in Public Resources Code §5097.9 and §5097.993 that are within the city's or county's jurisdiction. (Gov. Code §65352.3 (b)).
4. Conclusion of SB 18 Tribal Consultation: Consultation should be concluded at the point in which:
    a. The parties to the consultation come to a mutual agreement concerning the appropriate measures for preservation or mitigation; or
    b. Either the local government or the tribe, acting in good faith and after reasonable effort, concludes that mutual agreement cannot be reached concerning the appropriate measures of preservation or mitigation. (Tribal Consultation Guidelines, Governor's Office of Planning and Research (2005) at p. 18).

Agencies should be aware that neither AB 52 nor SB 18 precludes agencies from initiating tribal consultation with tribes that are traditionally and culturally affiliated with their jurisdictions before the timeframes provided in AB 52 and SB 18. For that reason, we urge you to continue to request Native American Tribal Contact Lists and "Sacred Lands File" searches from the NAHC. The request forms can be found online at: http://nahc.ca.gov/resources/forms/.

NAHC Recommendations for Cultural Resources Assessments

To adequately assess the existence and significance of tribal cultural resources and plan for avoidance, preservation in place, or barring both, mitigation of project-related impacts to tribal cultural resources, the NAHC recommends the following actions:

1. Contact the appropriate regional California Historical Research Information System (CHRIS) Center (https://ohp.parks.ca.gov/?page_id=30331) for an archaeological records search. The records search will determine:
    a. If part or all of the APE has been previously surveyed for cultural resources.
    b. If any known cultural resources have already been recorded on or adjacent to the APE.
    c. If the probability is low, moderate, or high that cultural resources are located in the APE.
    d. If a survey is required to determine whether previously unrecorded cultural resources are present.

2. If an archaeological inventory survey is required, the final stage is the preparation of a professional report detailing the findings and recommendations of the records search and field survey.
    a. The final report containing site forms, site significance, and mitigation measures should be submitted immediately to the planning department. All information regarding site locations, Native American human remains, and associated funerary objects should be in a separate confidential addendum and not be made available for public disclosure.

b. The final written report should be submitted within 3 months after work has been completed to the appropriate regional CHRIS center.

3. Contact the NAHC for:

a. A Sacred Lands File search. Remember that tribes do not always record their sacred sites in the Sacred Lands File, nor are they required to do so. A Sacred Lands File search is not a substitute for consultation with tribes that are traditionally and culturally affiliated with the geographic area of the project's APE.

b. A Native American Tribal Consultation List of appropriate tribes for consultation concerning the project site and to assist in planning for avoidance, preservation in place, or, failing both, mitigation measures.

4. Remember that the lack of surface evidence of archaeological resources (including tribal cultural resources) does not preclude their subsurface existence.

a. Lead agencies should include in their mitigation and monitoring reporting program plan provisions for the identification and evaluation of inadvertently discovered archaeological resources per Cal. Code Regs., tit. 14, §15064.5(f) (CEQA Guidelines §15064.5(f)). In areas of identified archaeological sensitivity, a certified archaeologist and a culturally affiliated Native American with knowledge of cultural resources should monitor all ground-disturbing activities.

b. Lead agencies should include in their mitigation and monitoring reporting program plans provisions for the disposition of recovered cultural items that are not burial associated in consultation with culturally affiliated Native Americans.

c. Lead agencies should include in their mitigation and monitoring reporting program plans provisions for the treatment and disposition of inadvertently discovered Native American human remains. Health and Safety Code §7050.5, Public Resources Code §5097.98, and Cal. Code Regs., tit. 14, §15064.5, subdivisions (d) and (e) (CEQA Guidelines §15064.5, subds. (d) and (e)) address the processes to be followed in the event of an inadvertent discovery of any Native American human remains and associated grave goods in a location other than a dedicated cemetery.

If you have any questions or need additional information, please contact me at my email address: Mathew.Lin@NAHC.ca.gov.

Sincerely,

Mathew Lin

Mathew Lin
Cultural Resources Analyst

cc: State Clearinghouse

Native American Tribes

From: Lisjan Nation <cvltribe@gmail.com>
Sent: Friday, April 18, 2025 2:25 PM
To: McNulty, Liza
Subject: Re: City of Berkeley Pier Ferry Project Notice of Preparation of an Environmental Impact Report (EIR)

WARNING: This is not a City of Berkeley email. Do not click links or attachments unless you trust the sender and know the content is safe.

Liza,

Thank you for reaching out to the Tribe about this project. We look forward to receiving an official request for consultation and consulting with the City on this project.

'Uni (Respectfully),

Lucy Gill, Cultural Resource Manager II
Confederated Villages of Lisjan Nation

On Fri, Apr 18, 2025 at 10:16 AM McNulty, Liza <lmcnulty@berkeleyca.gov> wrote:

> Hello,
>
> The City of Berkeley is preparing an Environmental Impact Report (EIR) for the proposed Berkeley Water Transportation Pier Ferry Project, and is requesting public comments on the scope of the Draft EIR. The City will hold a public scoping meeting on Monday, May 5, 2025, beginning at 6 pm, via video and teleconference. The Notice of Preparation (NOP), including details regarding the public meeting, is attached here. The NOP and Project details are also available online at: Berkeley Pier with Ferry Access Project | City of Berkeley.

Best,

Liza McNulty, PE

Capital Improvement Program Manager

City of Berkeley Parks, Recreation & Waterfront Department

2180 Milvia Street, 3rd Floor

Berkeley, CA 94704

(510) 542-4131 (cell)

From: McNulty, Liza <lmcnulty@berkeleyca.gov>
Sent: Wednesday, April 30, 2025 1:47 PM
To: Leo Mena <lmena@rinconconsultants.com>; Kassandra Gale <kgale@rinconconsultants.com>
Cc: Miller, Roger <rmiller@berkeleyca.gov>
Subject: [EXT] Pier-Ferry Public Outreach & NOP Comment - Nototomne Cultural Preservation

CAUTION: This email originated from outside of Rincon Consultants. Be cautious before clicking on any links, or opening any attachments, until you are confident that the content is safe .

Upon receipt of the NOP, Mr. Timothy Perez from Nototomne Cultural Preservation requested a meeting / presentation for the Project (not sure if it matters, but this request came from the NOP, not from AB 52 notification).

Meeting on 4/30/2025, 1 pm
Timothy Perez was only attendant (huskanam@gmail.com)

Comments:

- Due to the trenching work for power (and possibly other underground work), Mr. Perez recommended that we include cultural sensitivity training for the contractor.
- Mr. Perez does not think that an on-site monitor would be required given the scope of work anticipated.
- No other concerns.

Thanks,

Liza McNulty, PE
Capital Improvement Program Manager
City of Berkeley Parks, Recreation & Waterfront Department
2180 Milvia Street, 3rd Floor
Berkeley, CA 94704
(510) 542-4131 (cell)

From: Cultural Preservation Department Inbox <cpd@wiltonrancheria-nsn.gov>
Sent: Friday, April 18, 2025 2:06 PM
To: McNulty, Liza
Cc: Michelle St. Clair; Steven Hutchason
Subject: Re: City of Berkeley Pier Ferry Project Notice of Preparation of an Environmental Impact Report (EIR)

WARNING: This is not a City of Berkeley email. Do not click links or attachments unless you trust the sender and know the content is safe.

To: City of Berkeley Parks, Recreation, and Waterfront Department

RE: Berkeley Water Transportation Pier Ferry

Dear Liza,

Thank you for your letter dated April 18, 2025, regarding the proposed project. Wilton Rancheria ("Tribe") is a federally recognized Tribe as listed in the Federal Register, Vol. 74, No. 132, p. 33468-33469, as "Wilton Rancheria of Wilton, California". The Tribe's Service Delivery Area ("SDA") as listed in the Federal Register, Vol. 78, No. 176, p. 55731, is Sacramento County. The Tribe's Trust Lands are in Sacramento County however, the Tribe's ancestral territory spans from Sacramento County to portions of the surrounding Counties.

Although your project is within the ancestral territory of the Wilton Rancheria, currently we do not have any comments. We appreciate your continued outreach and/ or consultation for future projects and respectfully request that you contact us if there are any project updates or changes.

Thank you,

"\Vilton Rancheria
Department of Cultural Preservation
Front Desk: 916-313-4493
cpd@wiltonrancheria-nsn.gov

From: McNulty, Liza <lmcnulty@berkeleyca.gov>
Sent: Friday, April 18, 2025 10:15 AM
To: McNulty, Liza <lmcnulty@berkeleyca.gov>
Subject: City of Berkeley Pier Ferry Project Notice of Preparation of an Environmental Impact Report (EIR)

Some people who received this message don't often get email from lmcnulty@berkeleyca.gov. Learn why this is important

Hello,

The City of Berkeley is preparing an Environmental Impact Report (EIR) for the proposed Berkeley Water Transportation Pier Ferry Project, and is requesting public comments on the scope of the Draft EIR. The City will hold a public scoping meeting on Monday, May 5, 2025, beginning at 6 pm, via video and teleconference. The Notice of Preparation (NOP), including details regarding the public meeting, is attached here. The NOP and Project details are also available online at: Berkeley Pier with Ferry Access Project | City of Berkeley.

Best,

Liza McNulty, PE
Capital Improvement Program Manager
City of Berkeley Parks, Recreation & Waterfront Department
2180 Milvia Street, 3rd Floor
Berkeley, CA 94704
(510) 542-4131 (cell)

Organizations

From: Camille Antinori <camilleantinori@gmail.com>
Sent: Monday, May 19, 2025 2:17 PM
To: McNulty, Liza <lmcnulty@berkeleyca.gov>
Cc: Ishii, Adena <AIshii@berkeleyca.gov>; Berkeley Mayor's Office <Mayor@berkeleyca.gov>; All Council <council@berkeleyca.gov>; Taplin, Terry <ttaplin@berkeleyca.gov>; Kesarwani, Rashi <RKesarwani@berkeleyca.gov>; Bartlett, Ben <BBartlett@berkeleyca.gov>; Lunaparra, Cecilia <CLunaparra@berkeleyca.gov>; Humbert, Mark <MHumbert@berkeleyca.gov>; Tregub, Igor <ITregub@berkeleyca.gov>; Blackaby, Brent <BBlackaby@berkeleyca.gov>; O'Keefe, Shoshana <SOKeefe@berkeleyca.gov>; Lam, Nelson <NeLam@berkeleyca.gov>; Manager, C <CManager@berkeleyca.gov>; BMASP <BMASP@berkeleyca.gov>; Berkeley City Council Policy Committee <policycommittee@berkeleyca.gov>; Claudia Kawczynska <claudia94710@gmail.com>; E Diehm <erindiehm@hotmail.com>; Allan Abshez <allanabshez@sbcglobal.net>
Subject: EIR scoping comments for Berkeley Water Transportation Pier Ferry

WARNING: This is not a City of Berkeley email. Do not click links or attachments unless you trust the sender and know the content is safe.

Dear Ms. McNulty,

Attached please find our submission for the request for EIR scoping comments on the Berkeley Water Transportation Pier Ferry Project.

Thank you for taking these into consideration. Please let us know if there are any questions.

Best regards,

Camille Antinori for the Berkeley Waterfront Community Coalition

Date: **May 19, 2025**
To: **Liza McNulty, PE, Project Manager**
City of Berkeley, Parks, Recreation and Waterfront Department
2180 Milvia, 3rd Floor
Berkeley, California 94704
From: **Berkeley Waterfront Community Coalition**
Re: **Berkeley Water Transportation Pier Ferry EIR Scoping Comments**

Berkeley Waterfront Community Coalition is a nonprofit organization formed under the auspices of Berkeley Partners for Parks, a 501(c)3 organization. Its founding members are motivated by the diversity and range of stakeholders in the waterfront who nevertheless have few channels of shared communication for supporting this unique urban shoreline. BWCC's mission is to develop projects that raise awareness of these stakeholders, enhance a sense of community, and support the waterfront's role in providing value as affordable public access to blue- and greenspace amenities to the region. Below we submit comments in response to City of Berkeley's (COB) Notice of Preparation and Scoping Meeting Environmental Impact Report for the Berkeley Water Transportation Pier Ferry (NOP), dated April 18, 2025, in which COB is the lead agency and the Water Emergency and Transportation Authority (WETA) is the responsible agency under the proposal. In these comments, we also reference the City of Berkeley Public Tidelands Area Project, aka the Waterfront Specific Plan (WSP), for commercial redevelopment and recreation in the same area as the ferry project.

Overview of concerns

The Berkeley marina has long been a waterfront agora and mecca for city residents and visitors seeking to use and enjoy its singular mixture of natural and human resources. It draws a range of people of widely divergent economic means from Berkeley, neighboring cities, and afar. All seek respite and recreation options in this local and regional gem. Projects proposing major changes to the area's physical and social landscape must undergo rigorous debate about impacts, costs, and benefits affecting both built structures and the cultural and human environment. In view of this, the EIR must thoroughly and rigorously assess the physical, cultural and human environmental impacts of the proposed new Berkeley pier and ferry service, expected to serve around **915 passengers departing per day** (about 0.7% of the Bay Bridge vehicular traffic), with its attendant facilities, including parking. In particular, the scope of the EIR must characterize the individual and cumulative effects of a dual construction (pier plus ferry facilities) on equitable access by the public, capital infrastructure and ongoing costs for Berkeley/Alameda County residents, **constriction of the marina's limited parking** options, impacts on sustainable fishing and recreational boating, other environmental

impacts and overall utility to the people who use the marina. The scoping should thoroughly consider alternatives to the proposed WETA ferry, including **smaller ferries**, **inside-marina docking**, and **no ferry at all**. It must clearly evaluate the human and environmental impacts of turning the marina into a **transportation hub for a limited population,** versus reconstructing the pier to enable the Berkeley waterfront to serve as a park unique to the Bay Area.

The outline of comments below is as follows:

1. Impact on social equity and cultural resources
2. Baseline conditions must be with pier and without ferry
3. Impact on recreational and subsistence fishing
4. Fish habitat
5. Dredging for WETA ferry project is new dredging
6. Characterization of alternatives
    a. Alternative 1: Ferry dock inside Marina
    b. Alternative 2: Smaller scale ferry
7. Impact of tree removal
8. Ferry parking management
9. Bird nesting and feeding grounds
10. Economic factors to contextualize project impact
11. Compatibility of electrification and emergency service

1. Impacts on social equity and cultural resources

The Berkeley Pier has long standing cultural significance for Berkeley. Since it was closed to ferries in 1937, it has been a focal point for recreation and an important, low-cost asset for many visitors. The Berkeley Fishing Memories Oral History Project documents intergenerational and community connections to the outdoors as experienced at the pier and waterfront by Berkleyans and frequent visitors. It reveals how people have experienced and appreciated the recreational pier and waterfront as "Berkeley's backyard," connoting a low-cost, welcoming, relaxed atmosphere where children and adults enjoy the outdoors in a relatively safe space, for almost 90 years. This use of this space is historical and current. For Berkeley, Alameda County, and beyond, the pier and Berkeley Marina area are integral to **low-cost public access to bluespace.** Among other data, the Kittleson parking study (p. 42) across lots in the waterfront area underscores the socioeconomic diversity of current Berkeley waterfront visitors. Forty-seven percent reported earning *below* the median household income for Berkeley of $108,558 (https://www.census.gov/quickfacts/fact/table/berkeleycitycalifornia/PST045224).

Science increasingly shows the positive impacts of regular bluespace exposure on mental and physical health (Gascon et al. 2017, Pouso et al. 2021, Sturm and Cohen 2014, While et al. 2020). As the **only urban shoreline** in Berkeley, it provides a crucial, inclusive center for public recreation, relaxation, interaction, and growth through **multiple educational and sport-related resources located at the Marina.** Further, it provides these benefits to historically underserved communities and low- and middle-income users who have fewer means to travel to other coastal areas for shoreline access.

While the NOP notes maintaining public space access as an objective, related COB and WETA project documents and considerable COB Parks Department staff time has focused on the needs of the proposed ferry service as the primary objective, with recreation secondary. For example, during the course of WETA ferry project negotiations, **funds earmarked for waterfront and marina infrastructure have been diverted to the ferry project at the expense of maintaining existing recreational amenities.** Further, basic, long-standing facilities central to the waterfront and marina's success as a bluespace public good – e.g. the failing seawall along the Bay Trail bike path in front of the area's two sailing clubs and docks, the recreational east dock in the South Cove, and the watersports launch at Hs Lordship's cove – have been allowed to deteriorate and/or be shuttered. As of May 1, 2025, the COB has laid off its waterfront security monitors, making recreational usage **less safe and secure.** These monitors cost $100,000/year.

These points also illustrate overlaps in project scope between the ferry project and the WSP. The spatial, policy and operational requirements of the ferry service impede affordable recreational opportunities, as noted in the parking studies, as would a WSP design focus to attract mainly ferry patrons. Data shows that riders in the WETA ferry system tend to be high-income. Serving the high-income segment of population while lessening services to others will transform the waterfront's value as a cultural and affordable public bluespace recreational resource into a transportation hub supporting mainly a high-income ridership profile.



Figure 1: Image of east dock in South Sailing Basin, closed in February 2025. Cost of repairs estimated at $250,000 are unfunded.

The EIR itself should consider that the proposed facility would be the **only WETA ferry terminal in the WETA system within a long-standing nature-based public park** where water-land recreation is an interconnected and highly-prized amenity. Compare this concept to the locations of other WETA ferries:

- Alameda/Oakland ferry – within Oakland's Inner Harbor and shipping lanes for Port of Oakland, next to barge docks and naval ships
- Mare Island and Vallejo terminals – built in an unused location around Mare Island naval base and shipyard within the Mare Island Strait at mouth of Napa River. The land has long been dominated by housing development and the naval base.
- South San Francisco – by an industrial location within an existing Marina near the airport
- Richmond – site of former Ford factory and WWII shipbuilding site
- Alameda Seaplane Lagoon – within a decommissioned naval base
- Harbor Bay – the terminal serves the housing development and businesses around Bay Farm Island that closely abut the shoreline
- San Francisco terminals – at preexisting marine terminals and piers within industrial sites

At none of these ferry terminals is fishing, swimming, sailing, boating, and other windsports a dominant activity on the water as they are at the Berkeley waterfront. **Those venues are already environmentally degraded:** a large-scale ferry there does not displace the pattern of park usage in "Berkeley's backyard," nor add substantially to environmental damage. As currently conceived, the Berkeley pier-ferry plan attempts to

allow for recreation with what would be the only intentionally dual-use pier in the WETA system. Unfortunately, many of the project elements listed are **incompatible with existing patterns of recreation.**

The Bay Conservation and Development Commission (BCDC) incorporates into its goals and mission **social equity in shoreline public access** (BCDC, 2020). In October 2019 the agency amended the SF Bay Plan to incorporate issues of cultural diversity of the waterfront and environmental justice considerations into its policymaking process (Adapting 2019, BCDC 2019, Wasserman 2019). See in particular the BCDC SF Bay Plan (https://bcdc.ca.gov/plans/sfbay_plan.html) under Major Proposals (4), Recreation: Findings (b) (w), Recreation: Policies (1), (9), Public Access: Findings (b), Environmental Justice and Social Equity: Findings (g), Policies (3).

EIR scoping input: **BCDC policy requires protection of existing and future recreational uses and consideration of social equity.** As the proposed ferry is the only terminal in the WETA system to be located in a primarily recreational park, the only waterfront park in Berkeley, mandated as a recreational area by BCDC, the EIR must rigorously assess the cumulative and distributional impacts of these overlapping WETA ferry and WSP projects and **their ultimate impact on the waterfront as a cultural feature and affordable recreational resource, including loss of affordable bluespace recreation, both existing and future**. Specific items may include:

- *The EIR must acquire and present data on socioeconomic characteristics across all current and expected future visitation modes (via car, public transit, bike, walking) and recreational uses to the area and examine if the cumulative impacts of the proposed WETA ferry project and the Waterfront Specific Plan would "gentrify" the area such that affordable and inclusive access to green and bluespace recreation is impeded.*
- *In doing so, the EIR must identify increased costs and access barriers in terms of, for example, recreational space and amenities, recreational services, parking, access to the shoreline and water areas, and level and scope of commercial services.*
- *The EIR analysis must examine the consistency of the overall plans with BCDC policy on social equity in coastal recreation.*
- *The EIR must demonstrate that COB waterfront and park staff who maintain the area have the capacity and the directive to maintain low-cost recreational assets across areas located in the WSP and the ferry plan. As it stands, it is unclear that the COB has a sound plan to manage diverse recreational activities and public access for the life of the ferry project.*

2. Baseline comparison must be recreational demand at waterfront *with* pier and *without* ferry

City staff have indicated that the baseline for comparison is the status today of the waterfront area and pier. However, COB closed the pier in 2015 after a long history of popularity and high usage. Subsequent to closure, the city has made no new capital investments to maintain walkways, seawalls, or adjacent parking lots around the shoreline or pier. Around 2017, COB began negotiations with WETA for a ferry terminal, reviving talks reflecting a 2008 proposal to place a WETA ferry terminal at the location. Hs Lordships Restaurant closed in 2018 and remains derelict. D&E docks have been removed. While there is still extensive usage of the waterfront despite 10 years of minimal maintenance, the **feasible baseline activity should be usage of a reopened pier (to 2000' or 3000') on par with its length prior to closure,** not baseline usage after 10 years of the waterfront area falling into disrepair during COB-WETA negotiations.

Research and reports indicate a large increase in public demand if the pier were reopened and a basic functional facility maintained:

- Ken Jones, chronicler of pier fishing in California, states: "If a survey had been done over the past twenty-five years as to the most visited pier in the Bay Area, the winner undoubtedly would have been either the pier at Pacifica or this pier in Berkeley" and "For availability, transportation, ease of fishing, and facilities, Berkeley was hard to beat" (https://www.pierfishing.com/berkeley-pier/).
- Before its closure, Hs Lordships Restaurant was heavily used as an event space for large groups (e.g. school proms, Berkeley Public Schools Fund annual fundraiser, family reunions, etc.). Reviving the venue may see similar increases in demand, since few large event spaces at affordable prices exist in Berkeley.
- If the pier were reopened under the baseline condition of a somewhat shorter 2000' without the ferry, an economic valuation study by Antinori et al. (2025) predicts almost double the visitation rate for fishing over future expected visits to the shoreline along Seawall Drive.

COB 2021 states that replacement solely of the pier with a 2000-foot pier would cost $26 million, and to 3000 feet, around $32-$44 million. City staff have indicated in public meetings that COB's share of the waterside costs alone for the pier/ferry project would be approximately $26 million. Therefore, a 2000-foot reopened pier facility alone, without a ferry, is a reasonable baseline, as it is the opportunity cost of the WETA/COB pier/ferry project. Even as WETA and COB update all cost estimates to 2025 dollars across all projects, as long as all costs scale relatively equally, this fact would remain.

EIR scoping input:

The EIR must take as a baseline the following conditions: Estimates of level and range of usage for recreation and other non-ferry visitation should the original pier be retrofitted/replaced and reopened to a length of 2000', and with at least the following baseline amenities repaired/reopened:

- *Tenant activity for Hs Lordships location*
- *Street and walkway repair of Seawall Drive*
- *South Cove East Dock repaired*
- *D&E dock replaced*

In doing so, the EIR must clarify whether the proposed ferry terminal and ~500' pier with ~500 foot pier extension adequately accommodates historical, existing and future expected recreational usage as compared to at least a 2000' pier with the amenities listed above.

3. Impact on recreational and subsistence fishing

Before its closure in 2015, the pier was one of the most popular fishing venues in the Bay Area. It hosted fishing derbies like the "mudfish" and kids' fishing derbies. Closure eliminated or displaced this activity to other piers. Fishers continue to visit the area along the shoreline (which requires a license) as opposed to pier fishing, which does not. According to a recent survey analysis from 2021 to 2023 (Antinori et al. 2025), 77% of a random sample of shoreline anglers fished in Berkeley prior to COVID, implying a long association with the area, and 61% said they prefer to fish in Berkeley in comparison to other locations. In addition, 55% reported fishing for consumption needs. Other locations like the piers in Pinole and Antioch are not substitutes for fishing at Berkeley but appear to be complementary assets, with fishers traveling north and south along I-80 (Antinori et al., 2025, p. 23) to these fishing spots.

Because pier fishing does not require a license, it is especially attractive to low-income anglers. For example, Quimby et al. (2020) reported that in a study of pier fishing in generally wealthy Santa Barbara, California, 88% reported annual household income below the state median and 73% were non-white. Further, the study of Los Angeles pier fishing by Stevenson et al. (2012) found that the majority identified as persons of color, fished *only* from piers, and spoke English as a second language. Likewise, many anglers who continue to fish the Berkeley shoreline are lower- to middle-income (Antinori et al., 2025). This same study also projects an increase in angling visits should the Berkeley pier reopen to even just a length of 2000' *without the ferry*, of 70%, 88% and 114% for low, middle, and high income anglers, respectively.

The environmental economics literature is replete with studies that estimate the value of angling trips for recreational fishing. For example, Pendleton (2011) estimated a value of $10 to $100/day (p. 156), and from $34-$536/ trip with charter boat fishing being towards the high end (Pendleton and Rooke, 2006). California is second only to Florida in percentage of population that participates in marine recreation (Pendleton and Rooke, 2006). A recent study based on shoreline fishing at Berkeley puts the value at $78 per trip, considering that the average shoreline fisher travels 24 miles one way from their home to the Berkeley waterfront solely to fish. In springtime, sportfishing boats and private boats go out into the Bay inside the Golden Gate bridge to fish for halibut. According to a Barrientos et al. (2017) report on recreational benefits for the California halibut recreational fishery, based on party/charter/private/rental fishing, Berkeley is the highest valued port in northern California and most frequent port of embarkation for halibut fishing for all of California.

Sources of Berkeley-specific fish reports and species caught off the pier near the shoreline, along the existing (previously opened) pier, and from sportfishing boats leaving out of the Berkeley marina include:

1. BerkeleyMarina_baitntackle: Instagram posts on regular basis from the marina's bait shop show catches from nearby Berkeley waterfront locations
2. California Dawn sportfishing Facebook page: https://www.facebook.com/californiadawnsportfishing/
3. Golden Eye 2000 sportfishing Facebook page: https://www.facebook.com/goldeneye2000sportfishing/

Although the WETA and WSP plans mention adding much-valued fishing amenities like fish-cleaning stations and seats to the proposed pier extension, they include elements with potential to reduce fishing as a recreational and subsistence activity. Yet, **the project makes practically no reference to nor includes data on fishing as a potentially displaced activity with social equity consequences.**

EIR scoping input for angling impact:

- *Incorporate existing reports and studies on shoreline and pier fishing relevant to the Berkeley waterfront area to value changes in visitation rates for fishing and compare baseline condition of 2000' pier without ferry and the dual use ~1000' pier with ferry and design-specific 400' breakwater.*
- *The 400' breakwater in the ferry plan is designed to service the ferry in sheet-pile cement design, which inhibits fish migration and spawning. The design encourages siltation and therefore requires additional dredging over time. The*

EIR should assess specifically the impact of the breakwater design and maintenance on fishing catch rates over the lifetime of the project.

- *Examine potential safety risk and deterrent on fishing demand of crowding on a dual-use pier for the first 500' of pier accommodating ferry passengers and recreational/subsistence fishers.*
- *Examine the impact of parking fees and access barriers in the WSP and ferry plan.*
- *Verify consistency of plan with BCDC policies on social equity with regard to fishing activity.*
- *Compare the baseline (at least) 2000' pier which accesses deep water historically prized by fishers visiting the Berkeley pier to the ~500' recreational pier extension to the proposed ferry pier and breakwater.*
- *Assess impacts on recreational/subsistence fishing of dredging along the pier and ferry route throughout project lifetime.*
- *Assess noise and traffic from ferry operations that would reduce catch rates and therefore the expected value of an angling trip to Berkeley.*
- *Expand analysis of the above to cover all seasons, not just a single point in time, to capture fishing effort which follows migration patterns of targeted fish species.*
- *Expand analysis to include a cumulative impact on above for the built-out ferry system beyond the proposed project outline.*

4. Fish habitat

While the comments in this section overlap with the section above, we attempt to isolate and expand on impacts the biological resources themselves. The bay waters around the pier prior to 2015 are known as spawning grounds for some fish species.
Fish populations are also migratory and seasonal, and interact with other parts of the bay ecosystem. A number of plan elements could negatively affect fish habitat in the area:

- Dredging to accommodate a large vessel alongside the pier close to shore (within 500') plus initial construction and ongoing maintenance could interfere with all fish populations.
- An estimated 16 morning and 12 afternoon weekday crossings between Berkeley and San Francisco alone, plus 14 crossings on weekends and additional crossings for the Berkeley-Larkspur route, would create additional turbulence and noise, interfering with fish populations as well as angling (COB 2021 Feasibility Study).
- The original WETA plan called for a diesel ferry, while electric ferries were mentioned later in the process. Uncertainty remains whether an electric ferry

would accommodate the natural conditions of the Berkeley pier, which experiences high winds and waves during much of the year.

EIR scoping input: *EIR should assess impacts on all fish and marine species that are part of the ecosystem in the path of the proposed WETA ferry with respect to:*

- *New and long-term maintenance dredging*
- *Siltation from a sheet pile breakwater that interferes with halibut and other fish spawning grounds and habitat*
- *Turbidity/turbulence and noise from the San Francisco, Larkspur and other routes in the plan*
- *Ship strikes*
- *Light pollution*
- *Diesel versus electric vessels*

5. Dredging for WETA ferry project is new dredging

The area proposed for the ferry route includes a federal navigation channel under the Army Corps of Engineers. However, the channel is not dredged by the Corps, as it is not considered a critical navigational location. Nor has it been dredged in possibly 50 years or more. **The area proposed for the ferry dock has not been dredged recently and should be considered new dredging.**

The Berkeley Marina was partially dredged under a recent project permitted by the Corps. The intended area is shown in the figure below. But it does not include the channel proposed by the ferry route. Moreover, the area covered in the diagram was not fully dredged.



Figure 2: Dredging area map for Berkeley Marina project

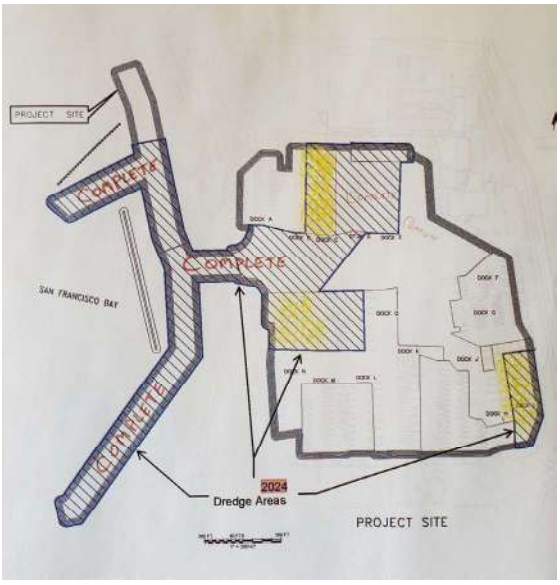


Figure 3: Areas actually dredged (Berkeley harbormaster office)



Figure 4: Areas required to be dredged and staged under the WETA ferry project (NOP of EIR, COB).

The area proposed for the ferry terminal and for the ferry service routes were not dredged. The Army Corp of Engineers website at https://www.spn.usace.army.mil/Missions/Regulatory/Public-Notices/Article/3655212/spn-2005-299690-berkeley-Marina-dredging/ shows a Marina dredging project in 2024. Dredging was focused inside the Marina and the Marina entrances.

EIR scoping input: *This is not Corps maintenance dredging nor is it COB maintenance dredging. Any dredging for the ferry project should be considered new dredging and treated as such under the rules and regulations of BCDC, CEQA, the Army Corps of Engineers and any other agency overseeing dredging in the Bay.*

6. Characterization of alternatives

a. Location alternatives must be adequately assessed

The only alternative examined by the WETA ferry plan is a site innermost in the Berkeley Marina near an old slab of concrete that once served as a ferry dock (aka the Old Ferry Pier). The last time this was used for a ferry was in 1989 by the Red and White Fleet for about six months after the earthquake, after which it suspended service **due to lack of ridership**. This location is not viable as an alternative, and acts a **"straw man"** in the analysis as currently structured. During public meetings, the city only offered as alternatives differences in breakwater design of the project.

Several feasible alternatives exist which have not been analyzed. One is the previous D&E dock location near the Hornblowers docks and the Doubletree Hotel. Another is the Hornblower docks themselves, in underused space. Third are docks currently used by the Genentech and previously the Tidelines ferries, which closed during the pandemic. The latter is a central location in the Marina and adds only two minutes' travel time to San Francisco, based on the Genentech ferry departures/arrivals, excluding docking maneuver time.

In addition, an in-harbor dock reduces need for new dredging, and thus marginal environmental impact, as the Marina undergoes maintenance dredging regardless. As such it possibly reduces Berkeley's cost of Marina maintenance because the needed dredging costs could be shared over the years with WETA, and thus provide a more viable economic pathway for ferry service.

EIR scoping input:

- *EIR scoping should integrate the ferry project with the WSP and include examination of options to access a central in-Marina facility.*
- *Specifically, the EIR must assess, as a docking location alternative, a central location within the Marina, such as the previous D&E docks, Hornblower docks or the K docks.*



Figure 5: Concrete slab inside Marina just above red traffic dot serviced old ferry, and is innermost location. D&E dock location is much closer to entrance, out of sight in image but on far right about halfway up. K dock extends from the harbormater's office in center of marina. The Hornblowers dock by the hotel on far right (not shown) in the marina. Source:https://berkeleyca.gov/your-government/our-work/capital-projects/waterfront-specific-plan

b. Alternative scale of ferry should be included

Current ridership demand estimates for the WETA Berkeley-SF are 4000, using a 400-passenger ferry, according to WETA business plan documents. Several indicators suggest the WETA ferry may not reach this level of usage. Public transit demand is down across the Bay Area systems including BART. About 60% of respondents in a COB questionnaire said they would never use the ferry to commute. For leisure, 56% said they'd never use it or use it less than 10 trips annually. **There is a real danger that the envisioned large-scale ferry with about 28 crossings per day would be mainly empty.** Stranded assets would pose a considerable cost to WETA and Berkeley, as well as having serious environmental impacts.

A reasonable alternative of a smaller scale ferry service must be included in the EIR. A smaller ferry would result in less cost, should demand predictions collapse. Smaller scale service (and e.g. docking within the Marina) could reduce the financial burden on Berkeley and at the same time fit demand patterns more accurately. However, smaller scale ferries have not been considered in planning as alternatives.

EIR scoping input:

- *Examine costs and environmental impacts of an alternative smaller-scale electric ferry, say, for example, a 150-passenger ferry, as a feasible alternative to the current plan and assess the difference in environmental impact.*
- *Data on current usage by Genentech ferry and previous usage of Tidelines ferry ridership must be made available publicly for the report for a feasibility comparison of a small commuter ferry service operating in Berkeley.*
- *Data on the COB questionnaire must be included in the EIR and reconciled with WETA's expansive ridership projections.*

7. Impact of tree removals

The Marina area faces the mouth of the Golden Gate, referred to as "The Slot" (see graphic below). Existing large trees provide valuable wind relief to recreational visitors in the park for land-based activities like picnics and park events. They also shelter half of the South Sailing Basin, which supports children's water sports training. Therefore, removing large trees should be evaluated in terms of potentially decreasing the value of the park for recreational visitors, as well as air quality and wildlife habitat. For example, close to the pier, large trees are the roosting location for the resident wild turkeys. Hummingbirds nest in trees in Shorebird park. The white-tailed kite and osprey hunt in Shorebird Park and south cove waters.

EIR scope input: *Include analysis of tree removal impact on aesthetics, useability, wind protection and bird and animal habitat in the area.*

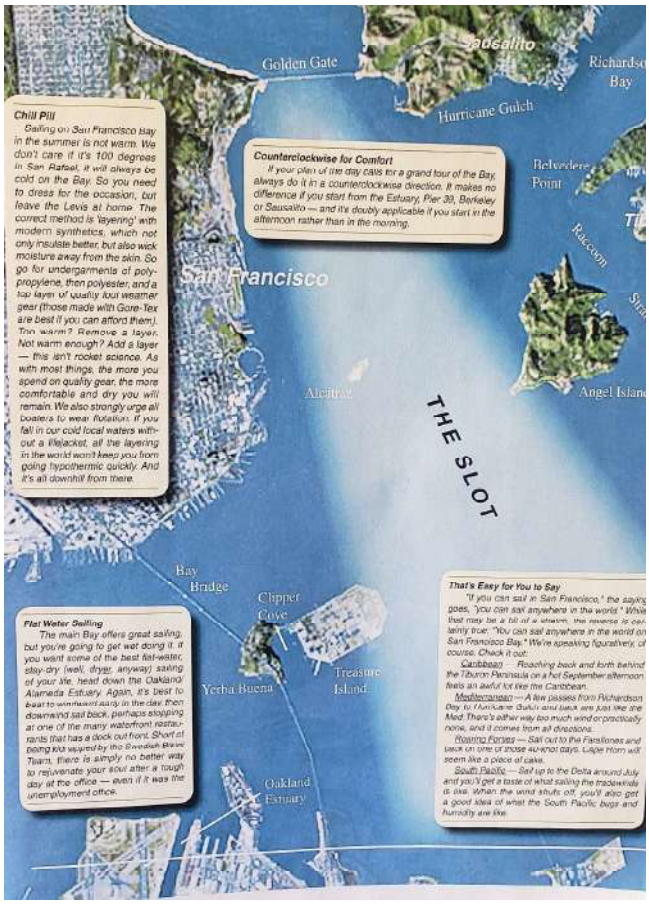


Figure 6: Graphic of "The Slot" wind pattern engulfing Berkeley waterfront and pier (bottom).

8. Ferry parking management

While this section overlaps with our first section on the waterfront as affordable public access and cultural resource, here we emphasize the particular impact of ferry patron *parking* on the Berkeley Marina as a major concern for equity, recreational, and land use. The parking study introduces paid parking (currently free) to recreational users. It forces them to park farther from Marina parks and shorelines. For many, visits to the project area and waterfront are intimately tied to access via private vehicle as well as public transportation. **Sailors, windsurfers, wingers, kayakers, fishers, families, guardians with children at the playgrounds, dog walkers, picnickers and others, crucially, cannot pile considerable amounts of gear, children, or animals aboard the 51 bus. Thus, public parking remains critical to many who visit. A total of 16% in the Kittleson intercept survey said they cancelled trips to the Marina because they could not find parking.**

Bus service to support ferry ridership is mentioned in the ferry parking study. However, consultants noted the limited utility of buses for ferry patrons. The Kittleson study notes in its case studies that AC Transit discontinued shuttle service to the Seaplane Lagoon WETA terminal due to low ridership, and that AC transit service to the Harbor Bay ferry terminal currently has few users.

It is unclear if and how Berkeley officials will fulfill their statutory obligation to keep ferry riders from usurping recreational users' parking. Past experience with Tidelines and Genentech ferries shows **that the city did not succeed in getting ferry patrons to park outside of the South Cove recreational parking lots, raising doubt as to the city's motivation and/or ability to meet its BCDC obligations to preserve recreational parking and access.**

The recent parking study addendum also calls for expanding ferry patron parking to Marina Boulevard and the Skates parking lot. This balloons the scope of the project location as noted in the NOP. This proposal overlaps with the COB Waterfront Specific Plan, which has not been completed, and is compiled independently from the pier/ferry project even though the pier has historically been the central feature of the Berkeley waterfront.

The 315-space Seawall Drive lot was closed in 2018 to deal with a homeless RV encampment, and has been mostly closed ever since. **This was a major lapse in the city's responsibility to maintain public access.** Now the Berkeley Water Transportation Pier Ferry Project intends to devote the entire Seawall Drive lot to ferry parking. This will usurp Seawall Drive parking for people who fish or walk on the pier, which is more than ironic, given that this expensive project was presented as a way to reestablish the pier. Also usurped will be parking for new facilities at Hs Lordships restaurant site, parking to serve the southern Shorebird Cove picnic sites, and the boardsailing and swimming launch at Hs Lordships Cove, to say nothing of overflow parking for the heavily impacted South Cove parking lots.

EIR scoping questions:

- *Include analysis of what the city has done in the past when recreational parking was displaced by the Genentech and Tidelines ferry and plans for future, more effective enforcement capacity if large-scale ferry service is implemented.*
- *Expand project location to include all locations noted in the addendum to the parking study.*

- *Examine cumulative and distributional impacts of parking from the WSP and the pier/ferry project on the public's recreational use, affordable access, and the extant legal land use designations.*



Figure 7: South Cove west parking lot on Saturday, May 10, 2025 at 1pm, with east lot in background. Both are almost entirely used by recreational visitors. Paving the lot as planned will significantly reduce the number of parking spaces. The Kittleson ferry parking study attempts to plan for ferry parking in conjunction with the WSP. *(Photo: C. Antinori)*

9. Bird nesting and feeding grounds

The waterfront area is home to many birds in Cesar Chavez Park (https://ebird.org/hotspot/L285281/bird-list) and the Sylvia McLaughlin State Park, part of the Eastshore State Park system. Resident bird populations include ospreys who feed in nearby waters.

EIR scoping input: *The* ***cumulative*** *impacts of the WSP and the ferry project need to take into account increased noise, increased traffic, tree removal, new and maintenance dredging, ferry operations, and reconfiguration of parking patterns on bird habitat, over the course of migratory and seasonal cycles rather than at one point in time. In doing so, it should:*

- *Document all bird species in area, migratory and resident*

- *Use eBird "hotspots" and other sources to name the birds documented in the area, potentially up to to 200 species. (https://ebird.org/hotspots)*
- *Consider the loss of trees at Shorebird Park that support hummingbirds (see section 7)*
- *Incorporate information that the burrowing owl is currently under consideration to be added to the Endangered Species list of the State of California (https://wildlife.ca.gov/News/Archive/cdfw-seeks-public-comment-related-to-western-burrowing-owl)*
- *Include bird species identified at the project location that are among the CA Species of Special Concern and Fully Protected Species. This includes the White-Tailed Kite and osprey (https://wildlife.ca.gov/Conservation/SSC/Birds)*

10. Clarify economic factors to contextualize project feasibility

As BCDC considers environmental impacts overall and weighs any opportunity cost for *not* building the large-scale WETA ferry, realistic information should be provided about those opportunity costs. WETA documents offer no predictions, nor conjectures, of secondary economic benefits for Berkeley. Consultant reports suggest minimal economic benefits. The Keyser Marston report suggests very modest contributions to the Marina Fund which may generate only up to 10% more of any revenues the city receives from food and beverage consumer spending (Keyser Marston, 2021, pp. 8-9). The report **extends only aspirational comments, e.g. "It is hoped that a large-scale ferry with weekend service will attract an additional hotel" (Keyser Marston, p. 9). The WETA ferry terminal at Jack London Square, Oakland, has failed to prevent a large vacancy rate in commercial rental space.** Oakland's Waterfront Hotel which closed in January 2025 had 145 rooms, just steps away from this terminal.

EIR scoping should include: *Currently available estimates of the secondary economic benefits so that reviewers may weigh the proposed project against its environmental and human costs. The scoping should compare this against the baseline of 2000' pier without ferry.*

11. Compatibility of electrification and emergency service

The waterfront area is land filled for recreational purposes. As fill, the waterfront area servicing the dock may not be stable in an earthquake. The ferry dock is described as serving an electric ferry *if feasible*. In such a case, an electrification facility to serve electric zero-emission ferry vessels may not withstand natural disasters such as earthquakes, tsunamis or violent storms.

Storms also come from north and south throughout the year, making navigation in “The Slot” through the Golden Gate (see above) more challenging. Any final recharging station and breakwater design compatible with supporting electric ferry service year-round and in emergencies should be confirmed within the EIR. With this information, environmental impacts noted above (e.g. dredging, aesthetics, recreation, habitat) can be more clearly assessed.

EIR scoping input:

- *To properly understand the environmental impact of the above, the EIR must provide specifications on infrastructure to serve an electric ferry vessel in an emergency. If it cannot, then it must delete references to emergency response in the scope of the project.*
- *If it specifies electrification infrastructure to withstand natural disasters, then it should specify whether the ferry service will be able to handle emergency vehicles or just personnel. Include technical specifications of breakwater design to support operations year-round and in emergencies.*

Thank you so much for this opportunity to respond. Please let us know if we can answer any questions about these comments.

Berkeley Waterfront Community Coalition

Members include:

Camille Antinori
David Fraser
Ben Lee
Nick Goyenetche
Cyril Dram
Gordon Stout
Carla Woodworth
Jim McGrath
Andrew Sullivan
Doug Yamamoto
Gary Casterline
Paul Kamen

References

Adapting to Rising Tides (Adapting), 2019. "BCDC Amends the San Francisco Bay Plan to Address Habitats in the Face of Rising Seas and Environmental Justice and Social Equity," https://www.adaptingtorisingtides.org/bcdc-amends-the-san-francisco-bay-plan-to-address-habitats-in-the-face-of-rising-seas-and-environmental-justice-and-social-equity/. Accessed 9/16/2022.

Antinori, Camille,Tobias Börger, Phil King, and Matt Peterson. *Normal for Whom? Exploring socioeconomic variation in a travel cost analysis of urban shoreline fishing*, Working Paper, 2025.

Barrientos, M., Lavín, F. V., Barr, R., Bruner, A., & Bonine, K. (2017). Economic benefits of the recreational California halibut fishery: A travel cost analysis. *Wildlife, CDoFa (ed.)*.

Bay Conservation and Development Commission (BCDC), 2019. "October 17, 2019 Commission Meeting Summary," https://www.bcdc.ca.gov/cm/2019/1017MeetingSummary.html. Accessed 9/16/2022.

Bay Conservation and Development Commission (BCDC), 2020. *San Francisco Bay Plan,* May 2020. (https://bcdc.ca.gov/plans/sfbay_plan.html). Accessed 9/16/2022.

COB 2021, Community Workshop #2 Pier/Ferry Project presentation.

COB 2021, Large Scale Ferry Feasibility Study (note that slide deck for this item is no longer available in links within document) https://berkeleyca.gov/sites/default/files/documents/2021-12-07%20Item%2002%20Large%20Scale%20Ferry%20Feasibility%20Study%E2%80%93%20A%20Preferred%20Concept.pdf

Gascon, M., Zijlema, W., Vert, C., White, M. P., and Nieuwenhuijsen, M. J. (2017). Outdoor blue spaces, human health and well-being: A systematic review of quantitative studies. International journal of hygiene and environmental health, 220(8):1207–1221.

Pouso, S., Borja, ´A., Fleming, L. E., Gómez-Baggethun, E., White, M. P., and Uyarra, M. C. (2021). Contact with blue-green spaces during the covid-19 pandemic lockdown beneficial for mental health. Science of the Total Environment, 756:143984.

Sturm, R. and Cohen, D. (2014). Proximity to urban parks and mental health. The journal of mental health policy and economics, 17(1):19.

White, M. P., Elliott, L. R., Gascon, M., Roberts, B., and Fleming, L. E. (2020). Blue space, health and well-being: A narrative overview and synthesis of potential benefits. Environmental research, 191:110169.

Keyser Marston, 4/19/2021. Berkeley Marina Area Specific Plan, Draft Implementation Study: https://berkeleyca.gov/sites/default/files/documents/2021-04-16%20Draft%20Implementation%20Strategy%20-%20Keyser%20Marston.pdf

Kuriyama, K., Hilger, J., and Hanemann, M. (2013). A random parameter model with onsite sampling for recreation site choice: An application to southern California shoreline sportfishing. Environmental and Resource Economics, 56(4):481–497.

Pendleton, L. H., ed. (2011). The economic and market value of coasts and estuaries: what's at stake. Restore America's Estuaries.

Pendleton, L. H., & Rooke, J. (2006). Understanding the potential economic value of Marine Recreational Fishing. *Environmental Science and Engineering Program, University of California, Los Angeles*.

Quimby, B., Stephen ES. Crook, Karly Marie Miller, Jorge Ruiz, David Lopez-Carr, "Identifying, defining and exploring angling as urban subsistence: Pier fishing in Santa Barbara, California." *Marine Policy,* 121 (2020).

Stevenson, Charlotte, Sarah Abramson Sikich, and Mark Gold. "Engaging Los Angeles County subsistence anglers in the California marine protected area planning process." *Marine Policy* 36.2 (2012): 559-563.

Wasserman, Zack, 2019. "Statement of Chair Zack Wasserman, Commission Approval of the Environmental Justice and Social Equity Bay Plan Amendment," October 17, 2019. https://www.bcdc.ca.gov/ejwg/WassermanEJSocialEquity.pdf. Accessed 9/16/2022.

Citizens for East Shore Parks

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Roberta Wyn

May 19, 2025
VIA EMAIL ONLY
lmcnulty@berkeleyca.gov

Liza McNulty, PE, Project Manager
City of Berkeley Parks, Recreation &Waterfront Department
2180 Milvia Street, 3rd Floor
Berkeley, CA 94704

Re: Comments on Notice of Preparation of EIR for Berkeley Ferry

Dear Ms. McNulty:

Citizens for Eastshore State Park make these comments regarding the NOP of EIR for the Berkeley Ferry. We realize that we may be a few hours late, but trust that our short lateness (three to four hours) will not be considered prejudicial since the consultants will not be reviewing any documents until sometime tomorrow after 9:00 a.m. Moreover, our comments simply adopt the comments of the Sierra Club, SPRAWLDEF, and Save the Bay as though they are fully set forth herein.

Sincerely yours,

Norman La Force
Vice-President

From: Whitney Grover <wgrover@goldengatebirds.org>
Sent: Monday, May 19, 2025 4:18 PM
To: McNulty, Liza <lmcnulty@berkeleyca.gov>
Cc: Glenn Phillips <gphillips@goldengatebirds.org>; John Callaway <jcallaway@goldengatebirds.org>
Subject: Comment Letter for EIR Scoping Berkeley Pier and Ferry Project

WARNING: This is not a City of Berkeley email. Do not click links or attachments unless you trust the sender and know the content is safe.

Hello Liza McNulty,

Please see the attached comment letter from Golden Gate Bird Alliance regarding the EIR scoping phase of the Berkeley Pier and Ferry Terminal Project.

Please let me know if you have any questions or need any additional information.

Thank you,

Whitney Grover
(She/Her)

Director of Conservation
Golden Gate Bird Alliance
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Berkeley, CA 94704
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Phone: 510-319-7137

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May 19, 2025

Liza McNulty, PE, Project Manager
City of Berkeley Parks, Recreation & Waterfront Department
2180 Milvia Street, 3rd Floor
Berkeley, California 94704
lmcnulty@berkeleyca.gov

RE: Draft EIR Scoping Comments for Berkeley Pier Ferry Project

Dear Liza McNulty,

Thank you for the opportunity to submit comments related to the scoping of environmental issues to be included in the EIR for the Berkeley Water Transportation Pier Ferry. We were very happy to see that the ferry fleet will be all electric. Zero emissions will reduce some direct impacts to nearby wildlife while helping reduce climate impacts.

Golden Gate Bird Alliance is a non-profit organization based in Berkeley whose mission is to inspire people to protect Bay Area birds and our shared natural environment. For over 100 years we have been a leader in Bay Area wildlife conservation, protecting birds and their habitats. Our 7,000 Bay Area members and supporters envision a world where birds, wildlife, and all people flourish together.

We have reviewed the Notice of Preparation for the EIR, and request that the following issues be specifically addressed in the EIR:

- Impacts of increased boat traffic to waterbirds that use the waters adjacent and just offshore of the proposed ferry terminal, especially during winter when waterbirds are most abundant in the area. Additionally, spring and fall periods should be studied for species present during these critical migration periods. The offshore areas are critical overwintering habitat for many species of ducks, grebes, pelicans, terns, gulls, and other waterbirds.

- Wave impacts from the proposed ferry activities on adjacent shorelines that support shorebirds and mudflat habitats, including any potential interactions of wave impacts and future sea-level rise on these habitats.

- Direct impacts of the proposed dock, including shading on subtidal habitats.

- Direct impacts of dredging, including the proposed frequency of dredging, as well as the beneficial reuse of dredged material within the Bay.

- Impacts to existing bird and wildlife habitat adjacent to the pier and parking area (e.g., tree removal or other impacts to these areas).

- Opportunities to use native plantings throughout the project.

- Increased contaminant runoff from the parking lots associated with the ferry terminal.

Additionally, although the Monterey Cypresses in the existing parking area are not native to the Bay Area specifically, they are native to California and commonly used in native landscaping efforts. Despite being mature to senescent and perhaps not the most diverse vegetation type, these trees have long provided shelter for species such as Black-crowned Night-Herons and Pygmy Nuthatches. We hope the EIR's potential project alternatives will look at the possibility of adding additional terrestrial bird and wildlife habitat, using native plants to support greater biodiversity of birds and insects.

Thank you for your consideration of these scoping elements in the environmental review process. Please do not hesitate to reach out for clarification or if we can provide additional details.

Sincerely,



Glenn Phillips
Executive Director

GOLDEN GATE BIRD ALLIANCE
2150 Allston Way, Suite 210 Berkeley, California 94704
phone 510.843.2222 *fax* 510.361.0140 *web* www.goldengatebirdalliance.org

From: Robin Mangini <robin.mangini@gmail.com>
Sent: Sunday, May 11, 2025 1:04 PM
To: McNulty, Liza <lmcnulty@berkeleyca.gov>
Subject: BWTPF EIR scoping comments

WARNING: This is not a City of Berkeley email. Do not click links or attachments unless you trust the sender and know the content is safe.

Dear Lisa McNulty,

We are frequent swimmers at the Berkeley Marina and members of the QT Selkies Gay for the Bay—a community of nearly 225 individuals who swim throughout the Bay Area, including locations in Berkeley, Oakland, Richmond, Pinole, Albany, Alameda, and San Francisco.

We've been following the city's proposal to redevelop the marina to accommodate ferry service, but it has been challenging due to the lack of accessible public information. I am writing today to express our concerns about this development and lay out how our swimmers currently use the marina.

Swimmers require three essential things: a safe entry point, clean water to swim in, and convenient parking. Our community typically enters the water near the seawall adjacent to the former Hs Lordships restaurant. This location is vital, especially during low tides when the sailing basin becomes too shallow for safe swimming and launching—conditions that occur roughly half the time. And seeing as this location is only one of two in the East Bay that can be accessed regardless of tide we are very attached to its existence. We, along with other waterfront users like anglers, walkers, paddlers, and windsurfers, rely on parking along the seawall. We are concerned that ferry riders will dominate these spaces.

We've been informed by other swimmers who attended the March PRWC meeting that they were troubled by the city's claim that parking would remain sufficient for all users. The data backing this assertion appears selectively chosen. Specifically, page 22 of the report reveals that parking surveys were conducted at 10am and 8pm—times not reflective of peak use (typically 2pm–4pm)—and focused more on overnight vehicle stays than daytime activity.

The assumption that all marina parking is interchangeable overlooks practical realities. After a cold swim, it's unreasonable to expect individuals to walk half a mile or more across the marina to reach distant lots.

We're deeply concerned that increased commercialization of the marina could reduce access to free, low-barrier recreational opportunities that draw an exceptionally diverse group of users. We believe the current planning is being guided by flawed data and that local residents and regular recreational users have not been adequately included in the process.

We urge the BCDC to call on the city to conduct a more thorough and accurate analysis of parking and waterfront access, and to commit to protecting the public amenities that make the Berkeley Marina such a vital recreational space.

Thank you for your commitment to equitable access to the Bay for all.

Sincerely,
Robin Mangini, MPH
Co-Admin of the QT Selkies Gay for the Bay

From: Laura Walsh <lwalsh@savesfbay.org>
Sent: Friday, May 16, 2025 10:50 AM
To: McNulty, Liza <lmcnulty@berkeleyca.gov>
Subject: Save the Bay Comments on NOP of EIR for the Berkeley Pier Ferry

WARNING: This is not a City of Berkeley email. Do not click links or attachments unless you trust the sender and know the content is safe.

Hi Liza,

Please see the attached EIR scoping comments on behalf of Save the Bay.

Appreciate your consideration,
Laura W.

Laura Walsh

POLICY MANAGER

Lwalsh@savesfbay.org | 510-463-6869 | www.saveSFbay.org

Pronouns: she, her

SAVE THE BAY

Protect and Restore San Francisco Bay

For People and Wildlife

SAVE THE BAY

May 16, 2025

Liza McNulty, PE, Project Manager
City of Berkeley Parks, Recreation & Waterfront Department
2180 Milvia Street, 3rd Floor Berkeley, California 94704

RE: Scoping Comments on the Notice of Preparation for the Berkeley Waterfront Specific Plan and Ferry Project EIR

Dear Ms. McNulty,

Thank you for the opportunity to provide comments on the Notice of Preparation (NOP) for the Environmental Impact Report (EIR) for the Berkeley Waterfront Specific Plan and Berkeley Ferry Project. For over sixty years Save The Bay has worked to protect and restore San Francisco Bay for people and wildlife, including stopping the City of Berkeley's plan to fill another two square miles of San Francisco Bay. These comments are offered to assist the City of Berkeley as the lead CEQA agency to prepare a legally adequate EIR that informs public discussion on the best project alternative that avoids significant environmental impacts.

The City of Berkeley proposes to develop a ferry terminal and restore the historic Berkeley Pier to meet regional transit needs and enhance public access to the waterfront. This project EIR must include full evaluation of the project's environmental impacts, as well as an evaluation of all legally required alternatives, in accordance with the California Environmental Quality Act (CEQA). We highlight below a few of the many considerations the EIR must address.

The project's proximity to three major public open spaces—Shorebird Park, Adventure Playground, and McLaughlin Eastshore State Park— requires detailed focus on impacts to recreation and transportation. Areas of the Bay that have been filled for recreational purposes should remain in that use and not be converted for commercial development, consistent with provisions of the McAteer-Petris Act and regulations of the San Francisco Bay Conservation and Development Commission (BCDC). Save The Bay and its founders (including Sylvia McLaughlin for whom Eastshore State Park is named) supported the placement of fill in the Bay in Berkeley only for recreational purposes, as consistent with BCDC's statute.

BCDC's 1967 permit to fill an area of the bay and expand Berkeley marina stated that the purpose of the fill was to "…permanently establish public access and recreational use for a sizable part of the Berkeley shoreline." BCDC issued the permit relying on the statements of city officials including Sylvia McLaughlin, who wrote that "Berkeley's portion of the shoreline of San Francisco Bay should be reserved exclusively for public recreation and its related public uses." Berkeley citizens also approved a 1968 referendum, titled the "Berkeley Public Parks and Open Space Preservation Ordinance," establishing their commitment to preservation of parks and open space, codified as Ordinance No. 5785-N. S. The definition of parks and open space protected by that ordinance clearly applies to the areas that would be altered by the project described in this Notice of Preparation.

The EIR should also address whether the project and any of its alternatives are consistent with BCDC's adopted recreational policies and maps that protect existing recreational amenities including the bay fill in the project area and the Berkeley Marina, which is designated as a waterfront park priority use area in BCDC's Bay Plan. BCDC's Recreational Policy 9 states:

> "Ferry terminals may be allowed in waterfront park priority use areas and marinas and near fishing piers and launching lanes, provided the development and operations of the ferry facilities do not interfere with current or future park and recreational uses, and navigational safety can be assured. Terminal configuration and operation should not disrupt continuous shoreline access. Facilities provided for park and marina patrons, such as parking, should not be usurped by ferry patrons. Shared parking arrangements should be provided to minimize the amount of shoreline area needed for parking." (San Francisco Bay Plan, Policy 9)

The EIR should evaluate whether the proposed project and any of its alternatives can be consistent with that ordinance, BCDC's permit, and other local, state and federal laws and regulations.

The Berkeley Waterfront receives up to 300,000 visits per year and includes many shoreline access points in the Bay Area. Any effects on these public resources or on shoreline recreational access will negatively impact the local population and the public throughout the region. With rising temperatures due to climate change, demand for access to McLaughlin Eastshore State Park's shoreline recreation areas will continue to increase. The EIR must analyze how the project's proposed infrastructure to support ferry service – terminal facilities, parking, shoreside infrastructure for ferry boats, and more – that may provide benefits to some individuals who ride the ferry, will create negative impacts on the many park users who do not use that service. Those impacts

include increased traffic through park areas, barriers to shoreline access, disruption of views, and more.

Given all of the significant potential impacts to people and wildlife, including those explicitly protected by local, state and federal laws and regulations, the EIR should evaluate alternatives that do not involve the use and alteration of land reserved for recreational purposes. Filled land in the Bay that pre-dates the establishment of BCDC provides the City of Berkeley broader discretion to apply uses consistent with the Public Trust Doctrine but not restricted by BCDC permits. Berkeley's marina basin already provides about 1,000 recreational boat slips and additional areas for charter boats including the Genentech ferry and Hornblower charters. This EIR should include alternatives that consider this and other sites that require little or no new filling and dredging of the Bay, elimination of current recreational parking and other impacts.

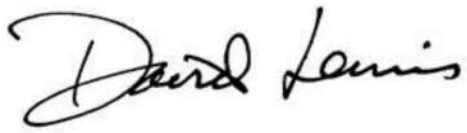
The project's location on the Bay shoreline, near sensitive wildlife and habitat, also necessitates the study of impacts and alternatives that protect water quality and pollution impacts on aquatic and terrestrial species and on people who use the area, including swimmers, windsurfers, kayakers, sailors and others. The EIR should assess impacts from and alternatives to construction activities on shore and in the Bay, including dredging, placement of fill and installation of infrastructure. Changes to ground permeability that affect stormwater runoff pollution should also be assessed and the EIR should identify how alternatives will avoid these impacts and mitigate any impacts that are unavoidable.

Save The Bay is deeply invested in helping Bay Area communities build resilience in the face of climate change. This EIR must evaluate the project's impact on local air quality and greenhouse gas emissions and should be designed for long-term adaptation to sea level rise, including incorporation of nature-based solutions along the shoreline to protecting infrastructure and ecological resources from flooding. The project should avoid shoreline development that will necessitate hard armoring of the shoreline that risks additional negative environmental impacts including erosion and loss of public access in the future. Alternatives should prioritize ways to work with nature, rather than against it, in equipping shoreline development to withstand long-term sea level rise.

In summary, the EIR must evaluate a full range of alternatives, including the least environmentally damaging feasible alternative. Alternatives should aim to avoid impacts to public trust resources, water quality, greenhouse gas emissions, and shoreline resilience, and minimize any unavoidable significant impacts. We look forward to continued engagement in the environmental review process and thank you for considering our comments.

Sincerely,

SAVE THE BAY



David Lewis
Executive Director

From: n.laforce@comcast.net <n.laforce@comcast.net>
Sent: Monday, May 19, 2025 8:15 AM
To: McNulty, Liza <lmcnulty@berkeleyca.gov>
Cc: arthurfeinstein@earthlink.com
Subject: Re Sierra Club Comments on NOP for Berkeley Ferry

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SIERRA CLUB
FOUNDED 1892

Sierra Club California
State Parks Committee

SIERRA CLUB
BAY ALIVE

May 19, 2025

VIA EMAIL ONLY
lmcnulty@berkeleyca.gov

Liza McNulty, PE, Project Manager
City of Berkeley Parks, Recreation &Waterfront Department
2180 Milvia Street, 3rd Floor
Berkeley, CA 94704

Re: Comments on Notice of Preparation of EIR for Berkeley Ferry

Dear Ms. McNulty:

The Sierra Club California State Parks Committee and Bay Alive Committee provide the following comments regarding the issues and matters that the Berkeley Ferry EIR should address. You have already received comments from the San Francisco Bay Chapter Northern Alameda Group. These comments are in addition to those comments.

The Sierra Club is deeply concerned about the future health of the San Francisco Bay, its ecosystems that provide services to us all, and the wildlife that the Bay supports. We are committed to the protection and enhancement of our Bay's ecosystems and habitats. As sea levels rise and atmospheric river storms become more prevalent, the Berkeley shoreline becomes more vulnerable to wave run-up and flooding. In addition, the Bay Conservation and Development Commission (BCDC) recently passed the Regional Shoreline Adaption Plan (RSAP) Guidelines which will require cities like Berkeley to prepare their own Subregional SAP in compliance with the requirements of the BCDC RSAP Guidelines in order to deal with the projected rise responsibly and constructively in Bay waters.

The access road from the urban area of Berkeley to the Berkeley Marina where the ferry terminal would be constructed cuts through portions of the McLaughlin Eastshore State Park (MESP). The access road is adjacent to the Conservation area in the Berkeley Meadow of the MESP. The ferry terminal and other proposed infrastructure changes would also be adjacent to the protected waters of the South Basin Cove of the MESP. The water areas around the proposed terminal site also include the North Basin Cove of the MESP. Under the MESP general plan the North Basin Cove has special seasonal and other protections for rafting and migrating birds. The proposed ferry may have impacts on bird species in those waters.

In light of these physical constraints, our review of the proposed ferry terminal and mixed-use development at the Berkeley marina raises substantial environmental and infrastructural concerns.

Construction Impacts and BCDC RSAP Guidelines

The construction of appropriate nature-based shoreline infrastructure, to minimize impacts, may require additional setbacks. The environmental impacts of construction and operation of a ferry terminal, parking lot, and access road should be analyzed and either minimized or mitigated. BCDC's RSAP guidelines will undoubtedly also influence how this shoreline infrastructure should address sea level rise and utilize Natural and Nature Based solutions (NNBS) as part of the RSAP. In addition, the proposed development site is on Bay fill and as sea levels rise, groundwater is also expected to rise. These Bay fill soils are prone to liquefaction in the event of earthquakes which we all know are inevitable in the Bay Area. This potential liquification should be addressed.

Issues Concerning Alternative Development Sites

The EIR must analyze reasonable alternatives. An alternative that is not reasonable and that should not be used is for a ferry terminal at the Albany Golden Gate Fields racetrack site. The track is now closed. The Sierra Club has called for the entire Golden Gate Fields site to be acquired and added to the MESP. The Club has also stated that after acquisition over time, the site should be restored to its original wetland and marsh that covered most of the site in the early 1900's before it was filled for the track. This restoration would further BCDC's goals of restoring and increasing wetlands and marsh in the Bay thus creating a resilient shoreline using NNBS which is one of the primary goals of the BCDC RSAP.

Bay Fill and Groundwater Rise

The proposed ferry includes parking and other structures that are situated on bay fill, which is prone to liquefaction in seismic events. Rising sea levels will also elevate groundwater levels, further destabilizing these soils. This poses significant risks for the construction and long-term viability of the site for a ferry terminal and need to be fully analyzed in the EIR.

Environmental Impact of Ferry Terminal

The construction and operation of the ferry terminal could detrimentally impact nearby sensitive habitats especially the Conservation area on the Berkeley Meadow in the MESP, and the North and South Basins. Increased boat wakes could harm migratory birds and other aquatic species. If the ferries are not electric, then ferry diesel emissions pose a pollution risk. A Water Emergency Transit Authority (WETA) study demonstrated that ferries create dead zones for waterfowl in the ferry wake zone thus significantly impacting those species. Mitigations such as slow speed requirements around recognized

rafting duck locations should be considered as mitigation requirements. Comprehensive mitigation strategies must be developed and evaluated to minimize these environmental impacts. The potential impacts on bird species protected under the Migratory Bird Treaty must be analyzed. We refer you to the attached addendum, Takegawa, John, *Effects of Ferry Traffic on Migratory Wasterbirds in the San Francisco Bay*. (Exhibit A)

Potential for private ferries

We also continue to be extremely concerned about WETA's future plans to consider allowing private ferries at various terminals. The project description includes the possible addition of special event service. It does not specifically forbid private vehicles. If private ferries (that are both scheduled and unscheduled) and water taxis (similar to calling an Uber or Lyft water taxi) are allowed to use the dock and terminal facility, this presents a significant problem. It is important to monitor and enforce speed restrictions of boats as well as to minimize the number of boats through the refuge. It has been clearly demonstrated that it is difficult or impossible to do daily enforcement of speed restrictions of private ferries or water taxis.

Additional boats, especially private ferries, and water taxis that are not obeying the speed restrictions, would cause more environmental and safety concerns including more wake waves, potential impacts on rowers and paddlers in non-motorized watercraft, shoreline erosion, and impacts on birds and other aquatic species.

Air Quality

Evaluate the impact of ferry diesel emissions on recreational users of the waterway as well as adjacent shoreline communities. If the project plan includes backup power using diesel fuel, include those emissions in the analysis.

Artificial Light at Night (ALAN)

Due to proximity to MESP and protected waters, night lights from the terminal and parking areas will be harmful to birds and other wildlife in the nearby MESP. ALAN interferes with bird reproduction, feeding and migration. Night foraging creatures will not be able to forage if lights are on at night and shine on the water. The EIR must evaluate approaches to and require minimizing ALAN and lighting and use of the site after sundown.

Noise

The EIR must evaluate the maximum decibel of the ferries and of other equipment at the project site and their impact on birds and other wildlife. Ensure that there are no private boats using the dock, especially at night, such as party boats or special event boats. Evaluate the impact of construction period

and noise including pile driving and length of construction time on adjoining habitat and species. Considering the disruption and noise during the construction period, will a significant area of this valuable wildlife habitat be no longer viable for wildlife that now consider it home?

Bird Safe Design

Bird-safe design principles are crucial for protecting avian populations, particularly in areas adjacent to wildlife refuges. These principles aim to prevent bird collisions with structures, which is a significant threat to bird safety. Structures such as buildings, windows, and other man-made objects often pose hazards to birds, leading to injuries or fatalities. Implementing bird-safe designs is essential to minimize these risks and promote a safe environment for birds, especially in areas with high bird activity.

The Migratory Bird Treaty Act of 1918 (**16 U.S.C. 703-712**) provides that it is unlawful to pursue, hunt, take, capture, kill, possess, sell, purchase, barter, import, export, or transport any migratory bird, or any part, nest, or egg or any such bird, unless authorized under a permit issued by the Secretary of the Interior. Since the areas in the MESP and in and around the proposed terminal site are used by migratory birds, the impact of the ferry on migratory birds must be analyzed.

Geology, Soils, and Seismicity

The EIR must include information on the soils at the site as well as along the only access road that gives access to the site. Soil settlement along the two mile access road indicates unstable soils.

Hazards and Hazardous Materials

Recent investigations have revealed that there are fill areas on the Albany, Berkeley, and Richmond shorelines that have toxic and hazardous materials. A thorough review of historical and current environmental data is necessary to assess potential contamination risks.

Utilities and Service Systems

The EIR must analyze the life service of existing utilities and storm water/wastewater systems. Rising groundwater may be poised to inundate portions of the buried utilities off site that are serving the site.

Transportation Issues from Increased Gas Powered Automobiles

The ferry terminal will result in greater automobile use to and from the ferry terminal. The increase in such especially from gas powered automobiles in terms of air quality and impacts from cadmium and other toxic materials found in automobile tires must be analyzed, especially as to impacts

on wildlife and habitat in the MESP. Therefore, the EIR should analyze how the impact of gas powered cars can be mitigated through increased bus service and bicycle access to the ferry terminal. See the attached March 27, 2025 letter from the Club's Northern Alameda Group to the City of Berkeley. (Exhibit B)

Sincerely yours,

s/
Norman La Force
Co-Chair,
Sierra Club California
State Parks Committee

s/
Arthur Feinstein
Chair,
Sierra Club California
Bay Alive Committee

Reply to: Norman La Force
802 Balra Drive
El Cerrito, CA 94530
n.laforce@comcast.net
510-295-7657

Arthur Feinstein
590 Texas Avenue
San Francisco, CA
arthur.feinstein@earthlink.com
415-680-0643

16. Takekawa, John, Natalie R. Wilson, Susan W. De La Cruz, and Jane O. Anfinson USGS Western Ecological Research Center, San Francisco Bay Estuary Field Station,

john_takekawa@usgs.gov

EFFECTS OF FERRY TRAFFIC ON MIGRATORY WATERBIRDS IN THE SAN FRANCISCO BAY

Commuter ferry routes cross valuable subtidal and intertidal habitats in the San Francisco Bay estuary that support a wealth of natural resources, including large numbers of migratory waterbirds during the winter. When new routes were proposed for the region under a new transit authority in 1999, we initiated studies to evaluate the ecological effects of commuter ferries on rafting waterbirds. The main objectives were to: 1) conduct on-board ferry surveys to assess species-specific buffer distances; 2) examine waterbird avoidance of watercraft in land-based surveys at selected areas; and 3) document distribution of waterbirds along ferry routes with aerial surveys.

On-board ferry surveys were used to determine how waterbirds responded behaviorally to the passage of a commuter ferry. Observers recorded the behavioral response (fly, dive, swim, alert posture) of waterbirds and their distance from the ferry. Surf scoters (*Melanitta perspicillata*), lesser and greater scaup (*Aythya affinis* and *A. marila*), and western and Clark's grebes (*Aechmophorus occidentalis* and *A. clarkii*) were the most abundant species found across all ferry routes, with diving ducks representing the most abundant guild. Behavior response distances ranged from 50-500 m for grebes, 30-900 m for scoters, and 60-500 m for scaup. Most waterbirds showed a behavior response within 300 m, and we used that distance to estimate the zone within which birds were affected. In addition, we used GPS tracking to determine that variation in the path of the ferries was usually 200 m. Thus, we calculated a total effect area along a ferry route from their sum or a distance of 500 m. Affected areas ranged from 2.44 to 75.75 km^2 and included 0.07-14.26 km^2 of shoals preferred for foraging (<4 m deep).

We studied the duration of disturbance of a ferry transit from land-based surveys. At selected sites, we recorded numbers and behavior of waterbirds before and after transit. Scaup densities declined after ferry transit along the Vallejo and Alameda Harbor Bay route, and scoters decreased after passage of the Larkspur ferry. However, patterns were not consistent, probably because birds were responding to several factors such as time-of-day, weather, and other disturbances. When we compared weekday to weekend surveys, we found more waterbirds along routes during the weekdays despite more frequent ferry traffic.

Aerial surveys indicated that diving ducks accounted for 85% of open water birds, dominated by scaup and scoter (90%). Numbers were highest during Nov-Dec in the North Bay, consistent in the central Bay, and lowest in the South Bay. While new commuter ferries may be beneficial at reducing vehicle traffic, they will have an effect on waterbird populations. Although they do not eliminate open water habitats, they may preclude use of it by waterbirds. Thus, our study indicated that effects on waterbirds should be considered when planning new transit routes or increasing their frequency, especially in shoal areas used for foraging.



SIERRA CLUB
SAN FRANCISCO BAY

NORTHERN ALAMEDA COUNTY GROUP
ALAMEDA ALBANY BERKELEY EMERYVILLE OAKLAND PIEDMONT SAN LEANDRO

March 27th, 2025

Mayor Adena Ishii and City Council
2180 Milvia Street,
Berkeley, California 94704

Dear Mayor and Council,

The Sierra Club North Alameda County Group strongly encourages Berkeley to take a more holistic, non-single occupancy vehicle-centric approach to planning for future ferry passenger capacity at the Berkeley Marina. Taking steps to meaningfully promote transportation alternatives is a key step towards the city meeting its climate and emissions goals, as well as encouraging more equitable and less environmentally impactful transportation options for commuters and visitors.

The strategies put forth in the Water Transportation Pier-Ferry Project Parking and TDM Plan will only serve to encourage people to drive to the Berkeley Marina when accessing the new ferry service. Increasing parking, formalizing overflow parking locations, and improving wayfinding to and from these overflow lots and the ferry terminal are ultimately strategies to make driving easier, which will invariably lead to more driving. The phenomenon of induced demand is well-studied in transportation demand management, and its results are predictable. In addition, the cost-effectiveness of investments in bus and rail transit compared to trips by ferry that are more costly per rider strongly indicate that the City should avoid discretionary local investments supporting parking, while receiving grants and other resources developed by WETA.

Instead, we believe that the City of Berkeley should be prioritizing improvements to alternate modes of travel to and from the Marina and new ferry terminal, which aligns more closely with the city's own goals. These include:

- **Improved bicycle infrastructure and connections:** Protected bike lanes along University Ave, safer and more direct connections from West Berkeley to the Marina, and ample bicycle parking in close proximity to the terminal, in addition to well-signed connections to the adjacent Bay Trail, portions of which are already used as a bicycle commuter route, notable considering the massive new investments in offices and research facilities immediately to the south of the



From: n.laforce@comcast.net <n.laforce@comcast.net>
Sent: Monday, May 19, 2025 7:56 AM
To: McNulty, Liza <lmcnulty@berkeleyca.gov>
Subject: SPRAWLDEF Comments on NOP for Berkeley Ferry

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SPRAWLDEF

Sustainability, Parks, Recycling And Wildlife Legal Defense Fund

802 Balra Drive, El Cerrito, CA 94530
510-295-7657 www.sprawldef.com n.laforce@comcast.net

May 19, 2025

VIA EMAIL ONLY
lmcnulty@berkeleyca.gov

Liza McNulty, PE, Project Manager
City of Berkeley Parks, Recreation &Waterfront Department
2180 Milvia Street, 3rd Floor
Berkeley, CA 94704

Re: Comments on Notice of Preparation of EIR for Berkeley Ferry

Dear Ms. McNulty:

The Sustainability, Parks, Recycling, and Wildlife Legal Defense Fund (SPRAWLDEF) provide the following comments regarding the issues and matters that the Berkeley Ferry EIR should address.

SPRAWLDEF is deeply concerned about the future health of the San Francisco Bay, its ecosystems that provide services to us all, and the wildlife that the Bay supports. We are committed to the protection and enhancement of our Bay's ecosystems and habitats. As sea levels rise and atmospheric river storms become more prevalent, the Berkeley shoreline becomes more vulnerable to wave run-up and flooding. In addition, the Bay Conservation and Development Commission (BCDC) recently passed the Regional Shoreline Adaption Plan (RSAP) Guidelines which will require cities like Berkeley to prepare their own Subregional SAP in compliance with the requirements of the BCDC RSAP Guidelines in order to deal with the projected rise responsibly and constructively in Bay waters.

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North Basin Cove has special seasonal and other protections for rafting and migrating birds. The proposed ferry may have impacts on bird species in those waters.

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The construction of appropriate nature-based shoreline infrastructure, to minimize impacts, may require additional setbacks. The environmental impacts of construction and operation of a ferry terminal, parking lot, and access road should be analyzed and either minimized or mitigated. BCDC's RSAP guidelines will undoubtedly also influence how this shoreline infrastructure should address sea level rise and utilize Natural and Nature Based solutions (NNBS) as part of the RSAP. In addition, the proposed development site is on Bay fill and as sea levels rise, groundwater is also expected to rise. These Bay fill soils are prone to liquefaction in the event of earthquakes which we all know are inevitable in the Bay Area. This potential liquification should be addressed.

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Authority (WETA) study demonstrated that ferries create dead zones for waterfowl in the ferry wake zone thus significantly impacting those species. Mitigations such as slow speed requirements around recognized rafting duck locations should be considered as mitigation requirements. Comprehensive mitigation strategies must be developed and evaluated to minimize these environmental impacts. The potential impacts on bird species protected under the Migratory Bird Treaty must be analyzed.

Potential for private ferries

We also continue to be extremely concerned about WETA's future plans to consider allowing private ferries at various terminals. The project description includes the possible addition of special event service. It does not specifically forbid private vehicles. If private ferries (that are both scheduled and unscheduled) and water taxis (similar to calling an Uber or Lyft water taxi) are allowed to use the dock and terminal facility, this presents a significant problem. It is important to monitor and enforce speed restrictions of boats as well as to minimize the number of boats through the refuge. It has been clearly demonstrated that it is difficult or impossible to do daily enforcement of speed restrictions of private ferries or water taxis.

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Air Quality

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The EIR must evaluate the maximum decibel of the ferries and of other equipment at the project site and their impact on birds and other wildlife. Ensure that there are no private boats using the dock, especially at night, such as party boats or special event boats. Evaluate the impact of construction period and noise including pile driving and length of construction time on

adjoining habitat and species. Considering the disruption and noise during the construction period, will a significant area of this valuable wildlife habitat be no longer viable for wildlife that now consider it home?

Bird Safe Design

Bird-safe design principles are crucial for protecting avian populations, particularly in areas adjacent to wildlife refuges. These principles aim to prevent bird collisions with structures, which is a significant threat to bird safety. Structures such as buildings, windows, and other man-made objects often pose hazards to birds, leading to injuries or fatalities. Implementing bird-safe designs is essential to minimize these risks and promote a safe environment for birds, especially in areas with high bird activity.

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Geology, Soils, and Seismicity

The EIR must include information on the soils at the site as well as along the only access road that gives access to the site. Soil settlement along the two mile access road indicates unstable soils.

Hazards and Hazardous Materials

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Utilities and Service Systems

The EIR must analyze the life service of existing utilities and storm water/wastewater systems. Rising groundwater may be poised to inundate portions of the buried utilities off site that are serving the site.

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The ferry terminal will result in greater automobile use to and from the ferry terminal. The increase in such especially from gas powered automobiles in terms of air quality and impacts from

cadmium and other toxic materials found in automobile tires must be analyzed, especially as to impacts on wildlife and habitat in the MESP.

Sincerely yours,

Norman La Force,
President

Individuals

To: Liza McNulty
From: Claudia Kawczynska
Date: May 19, 2025
Re: Scoping Comments to Environmental Impact Report (EIR) for the Berkeley Water Transportation Pier Ferry

Thank you for giving me the opportunity to add my comments to the following topics covered by CEQA

Land Use Planning and Recreation

Inadequate Parking Studies and Latent Demand:
This is a very important area for study and is lacking from the current report, as pointed out by various user groups and by the BCDC's DRC. The study's proposed landside improvements, plus a new pier and a hospitality development at 199 Seawall, etc. in and by themselves will attract more users. But it is also well known that these days the popularity of aquatic recreation has soared (especially open water swimming), as have other activities like birdwatching, fishing, kayaking or simply walking along the shoreline. Attention needs to be paid to quantify this.

It is challenging to assess future demand at the waterfront because so many of its popular features have been closed for so long, including the fishing pier, Hs Lordships and more recently the East Dock. The pedestrian trails are in such bad condition that it discourages their use (this is especially relevant for seniors who like to walk along the water's edges for their recreation, it is dangerous for them). All this must be factored in while assessing future parking demand.

More studies and outreach efforts need to be made to target current user groups and mapping their key areas of use (as per the BCDC's DRC).

Asserting that ferry riders would park along Marina Blvd demands further study. It is inconceivable that ferry riders would walk 2400 to 3200 ft, and park their cars in an unpaved lot that provides no safety oversight, even if parking there were free.

As has been pointed out by many others, there are too few data points in your study for prime time usage by recreationists, this needs to be enhanced. And if a TDM program ascertains that paid parking makes management that much easier, it does not account for the impacts it would have on equity and public usage. It might make it "easier" for a transit terminal but it would have deleterious impact on attracting new users to the waterfront, something that both staff and policy makers support.

Hazards and Hazardous Materials
Traffic and Transportation:
The intersection at University and Frontage Road is dangerous, especially during peak commuter and recreation hours. A ferry with a set schedule will further exacerbate this, with drivers "rushing" to park and then catch the ferry, and upon their return to rush home after work. While adding traffic control devices would be Caltrans' responsibility, the NOP should recognize the need for improvements and factor this in the analysis.

There have been no reports that reference impacts the ferry would have on other public transit agencies, including BART and AC Transit that have much higher ridership numbers. Or how a Berkeley terminal would affect Oakland's and Richmond's ferry service.

Hydrology and Water Quality
More attention needs to be paid to wave action and wake projections in this report.

Alternatives:
There has been no recognition in the EIR process that alternatives can exist beyond a rebuilt pier. These include the docks that the Hornblower ties up, and the D&E docks as well.

Thank you for including my responses and observations.

Claudia Kawczynska
2810 8th St
Berkeley, CA 94710

From: Daniel Borgstrom <danielfortyone@gmail.com>
Sent: Monday, May 19, 2025 4:00 PM
To: McNulty, Liza <lmcnulty@berkeleyca.gov>
Subject: Parking for the Ferry could impact Spinnaker Way

WARNING: This is not a City of Berkeley email. Do not click links or attachments unless you trust the sender and know the content is safe.

To Liza McNulty, PE, Project Manager
City of Berkeley Parks, Recreation & Waterfront Department
lmcnulty@berkeleyca.gov

Dear Ms Liza McNulty,

My comment for scoping for EIR for the proposed Ferry/Pier project 2025

I fear that autos filling up parking near the ferry dock will push other drivers to park further east along University Ave., and along Marina Blvd (which is often nearly full,). So then people who normally park along Marina Blvd will move into the Spinnaker Way area, with the end result that there will be no parking for those of us who visit Chavez Park.

This is of concern to me because I visit Chavez Park almost every day.

Daniel Borgstrom
Virginia Street
Berkeley, CA 94702

From: David Fielder <davidfielder@comcast.net>
Sent: Friday, May 09, 2025 1:02 PM
To: McNulty, Liza <lmcnulty@berkeleyca.gov>
Cc: David Fielder <davidfielder@comcast.net>
Subject: Waterfront May 5th Focus Zoom

WARNING: This is not a City of Berkeley email. Do not click links or attachments unless you trust the sender and know the content is safe.

Liza,

First, I appreciated the way you ran this meeting, both soliciting input and speaking with candor. I hope that the recording of the meeting, including slides, will be made available - but don't find it at the WSP website yet?

Now that I've had a chance to reflect, I'd like to share some thoughts/suggestions as well as additional concerns.

I believe you heard from many disparate users how important non-motorized launch access at His Lords Cove is and will remain (including swimmers). That cove provides immediate access to deeper parts of the Bay as well as to the usual seasonal Westerlies PM windline. At the same time, I heard you express concern that "risks/legal constraints" might preclude future development and use of that Cove. That, along with the phrase "under consideration" regarding Cove improvements, definitely set off alarms.

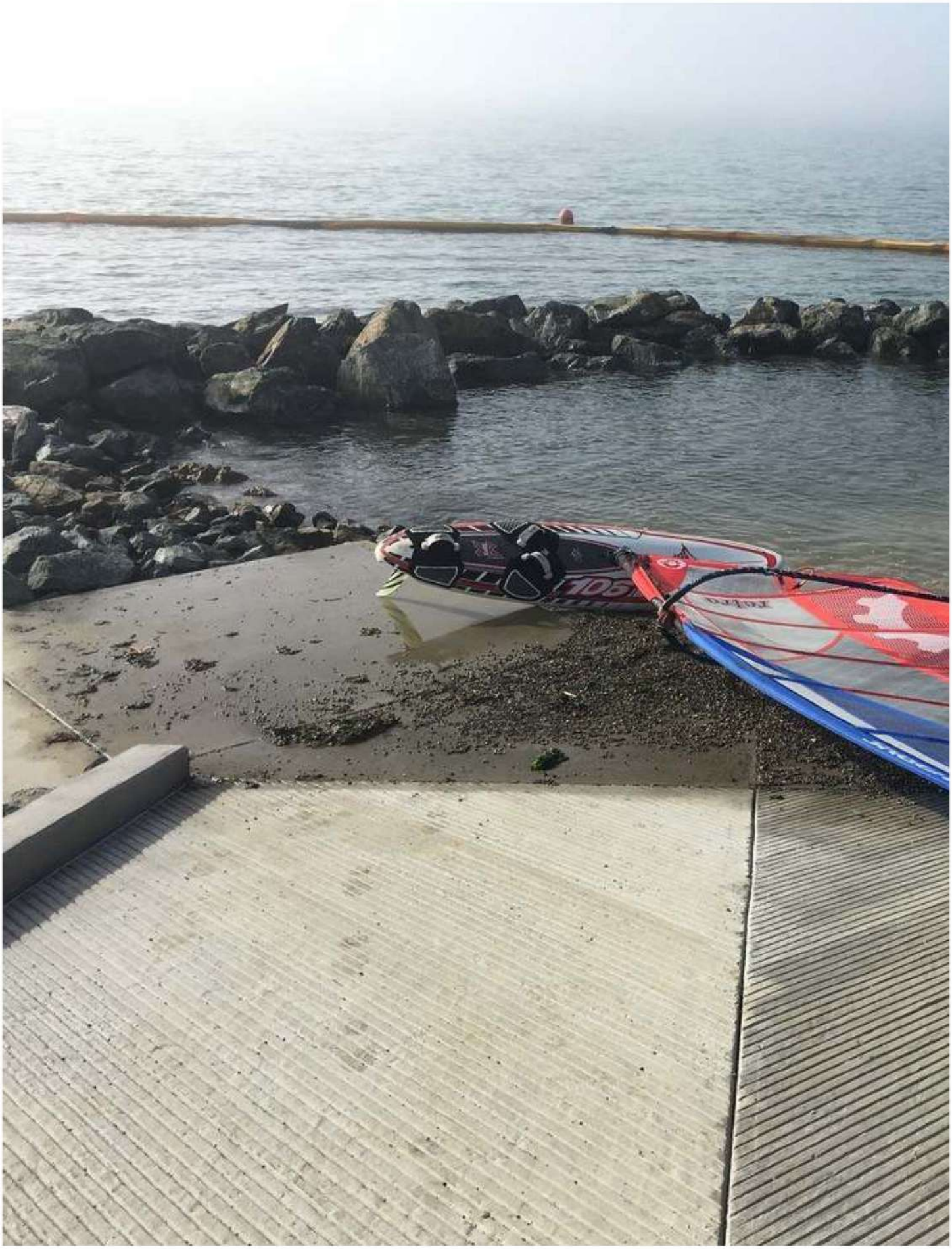
The alternative access site you mentioned (just NE of His Lords on South Sailing Basin side - "Option 2"?), while perhaps attractive from terrain and cost considerations, would basically negate the two most important attributes of the Cove (see above). It is one thing to carry gear on ramps/ashore and quite another to swim it westward around the point to access depth and wind, especially if you are trying to get upwind and fighting Mother Nature.

Another critical issue that everyone seemed sensitive to is the "final approach" to actually putting gear and bodies into the water. At present, users must clamber down/up the riprap to access the relatively benign gravel/sand/muck path below. High tide presents even more challenge as users struggle to see where to step under the surface prior to reaching that path. I have decades of experience managing that process at the Cove - almost never pleasant. A solution that doesn't address that will be a major concern.

Some suggestions:

1. I don't know who you are consulting with regarding actual launch improvement design? For the Pt. Isabel project I worked with Kyle MacDonald, the coastal engineer initially via CLE Engineering, which subsequently became Foth/CLE Engineering. I'd suggest early and close involvement of users with actual planners/engineers would be much more likely to produce good outcomes. That was precisely my experience with EBRPD and Foth for the Pt. Isabel project. Prior to final design and construction, I gave rigging/launch demonstrations to involved staff to clarify constraints and access needs, etc.

2. At Pt. Isabel, the "breakthrough" came when we decided on two ramps - an ADA version (5% max grade) and a more immediate/practical steeper version (20%). However, as you will see in photo right below showing my gear and the "meeting pad" of the two ramps, that approach still begs the question of the "final approach" given terrain at His Lords.



Important to note that for this launch we managed to avoid using railings and stairs, both significant impediments to gear access. Also, we have avoided green slime/algae buildup as the base of the ramp has been at least 6 inches above typical high tide levels - a critical safety feature.

3. I also remain concerned about access improvements at the Cove given the uncertainty of the HLS restaurant's future. For example, if it were to be demolished, I expect we'd have much more design freedom.

4. The Cove jetty is definitely "moving" eastward as well as being "eroded" by ongoing wave action. It is a much larger jetty than the one we replaced at Pt. Isabel, thus would be more costly to replace. The His Lords jetty was definitely not built to same standards as the Foth-designed one (which is aging well after 6 years).

5. The SF Bay Water Trail was a "proud supporter" of the Pt. Isabel launch improvement. I'd suggest reaching out for potential funding support from them?

6. Construction staging is a major launch access concern. That was an issue at Pt. Isabel as well - photo here:



In conclusion, I'm pleased to share my experiences at both Pt. Isabel and His Lords - along with extensive photographic and documentary archives (additional items copied below).

I took Ali Endress on a tour of Pt. Isabel several years ago and would be happy to do so again if desired by you and/or your consultants.

Sincerely, David

P.S. Additional thoughts & Project Alternative:

A. We are experiencing increasing "conflict" at the Cove re disparate users. Most recently fisherfolk have placed chairs in the Cove launch path with access impacts including fishing line snaring hazards. Any Cove launch design, at least absent rebuilding of the pier, must address this.

B. You requested "Project Alternatives" during the Focus Zoom. Mine is to more carefully explore siting WETA ferry operations from within the Harbor, as with Genentech operation. Smaller craft could use existing docks (Hornblower, etc), improving timing and decreasing overall project cost. I discussed this at length with WETA's Michael Gougherty years ago. He said WETA Board wasn't interested - even for a demonstration/trial approach. It would also separate the pier rebuild decision from ferry operations - a definite plus for most park users as you heard.

xxxxxx

Additional attachments:

This was draft Plan I presented to EBRPD Board back in 2018, resulting in their eventual approval of approx. $1.5-2 Million for the project.

Point Isabel Water Access and Safety Improvement Project

Existing Launch Access/Safety:
Replace the existing cement steps with a more accessible and stable textured ramp.
Add comparable-sized gravel to launch pathway above and below water line.
Rebuild and stabilize rock jetty to ensure adequate launch protection.
Remove submerged rock launch hazards to a minimum of 4 feet clearance below water surface at low tide in front of the launch gravel pathway.
Add channel markers to delineate launch area at high tide.
Rigging Area
Add 3,600-sf (80' X 45') rigging area comprised of ½" pea gravel.
Appropriate rigging area border, such as creosote timber logs around 3 sides, to help contain gravel and delineate rigging area.
Additional Site and Safety Improvements
Add an appropriately surfaced pathway from road to rigging area to launch site.
Add wash-down capability at rigging area (water accessed from existing supply to Park toilets or Radio Bldg).
Remove boulders currently blocking base of Dog Ramp (emergency egress site).

xxxxxxxx

Condition of the Pt. Isabel launch and jetty prior to project (note crude cement steps, etc):



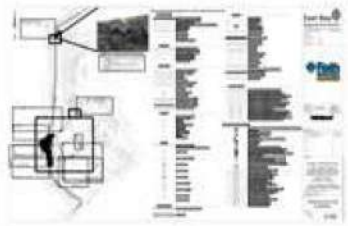
xxxxxx

Initial Project Construction documents:

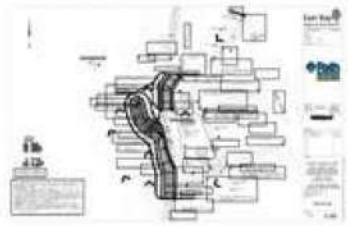
Pt.Isabel Phase I_CONST-Pla...



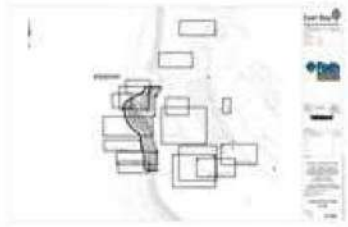
[1] Pt.Isabel Phas...CONST-SHEET 1



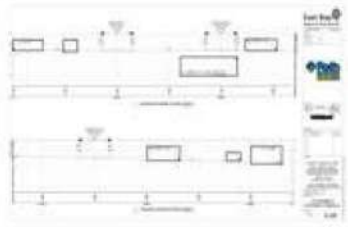
[2] Pt.Isabel Pha..._CONST-SHEET 2



[3] Pt.Isabel Pha...CONST-SHEET 3



[4] Pt.Isabel Pha...CONST-SHEET 4

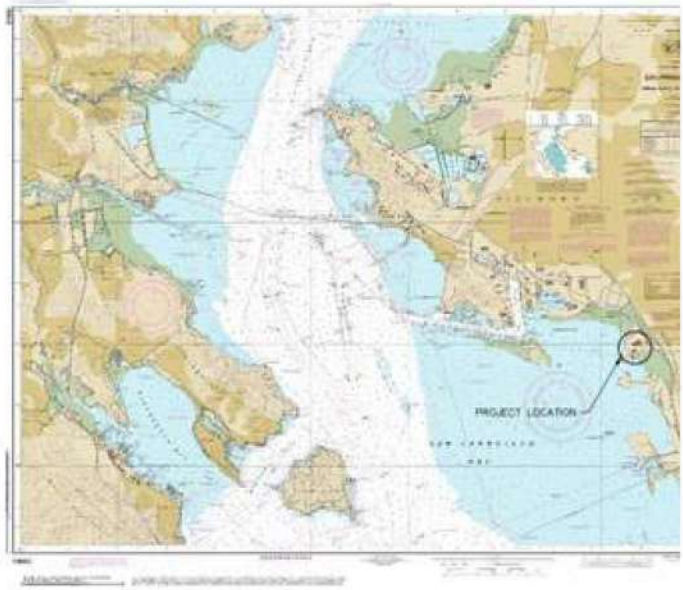


[5] Pt.Isabel Pha...CONST-SHEET 5

Pt.Isabel Phase I_CONST-Plans.pdf
Page 1 of 9

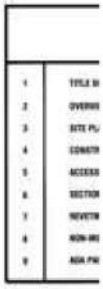
EAST BAY REG

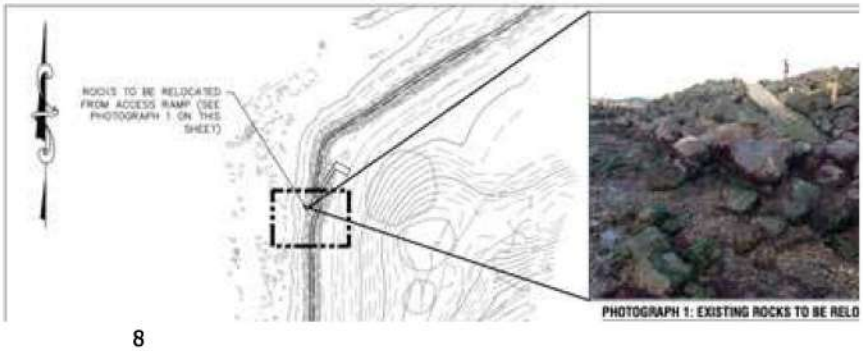
POINT ISABEL WATER ACCES



LOCATION MAP

NOT TO SCALE



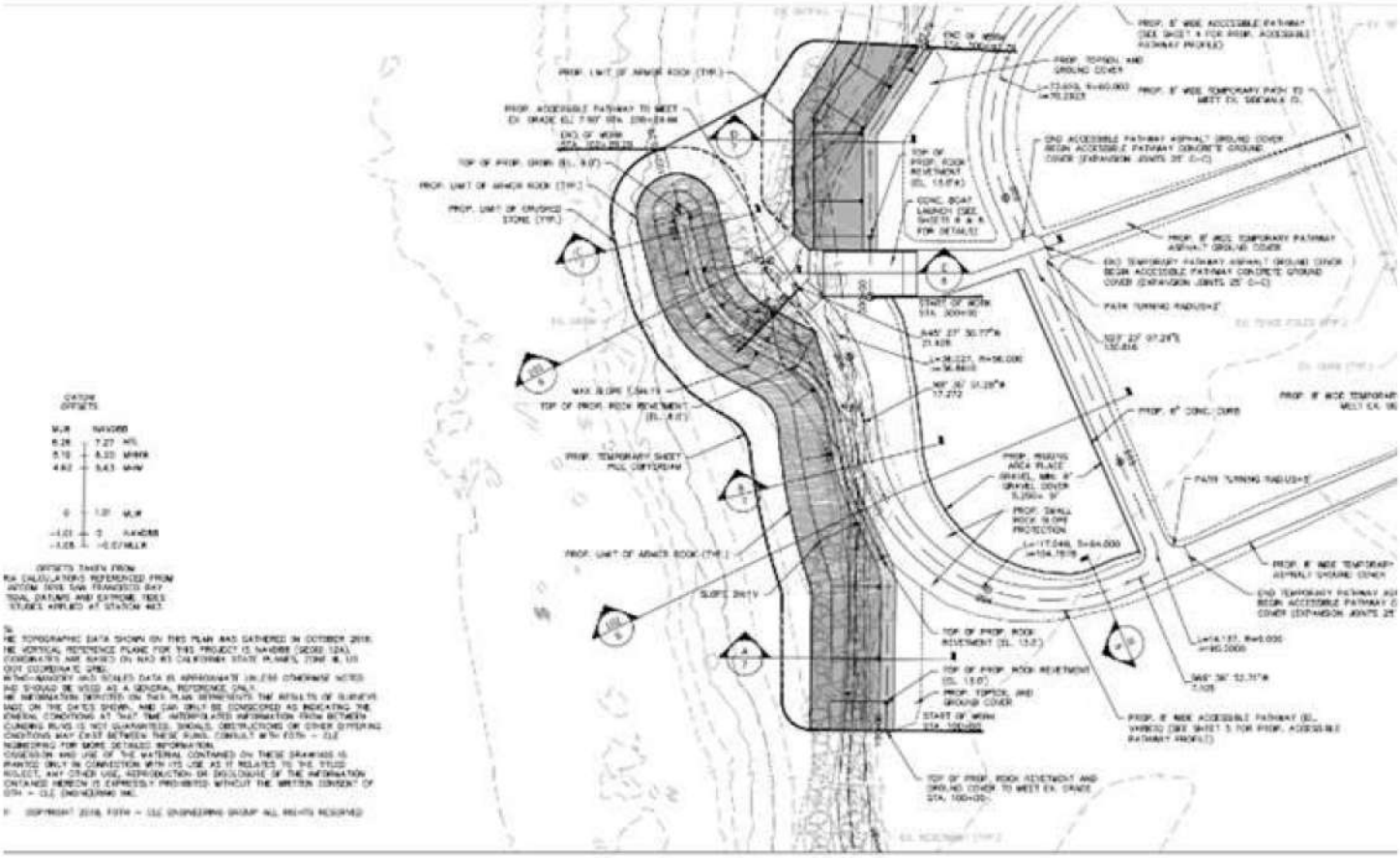


PHOTOGRAPH 1: EXISTING ROCKS TO BE RELO

xxxxxxxx

Details of launch area plans - having convinced Staff/Engineers NOT to use steps. Note carefully designed rigging/staging area with red circles representing gear layouts.

Pt.Isabel Phase I_CONST_windsurfers.pdf







xxxxxxx

From: David Sheh <davidsheh@gmail.com>
Sent: Wednesday, May 7, 2025 10:16 PM
To: McNulty, Liza <lmcnulty@berkeleyca.gov>; Ashley.tomerlin@bcdc.ca.gov
Subject: BWTPF EIR scoping comments

WARNING: This is not a City of Berkeley email. Do not click links or attachments unless you trust the sender and know the content is safe.

Dear Ashley, Liza, and Members of the Design Review Board,

As a recreational user of the Berkeley Marina who swims there several times per week throughout the year, I have been dismayed by the decline in maintenance of recreational assets over the years, including the pier, the access point near the former Hs Lordships restaurants, and one of the docks in the South Basin. These common facilities are utilized by various groups including non-motorized recreational vessels, swimmers, and fishermen, among others.

The proposed improvements outlined in the Berkeley Waterfront and Ferry Pier project have not addressed how existing recreational users will be impacted in terms of water access and parking if the project moves forward. Furthermore existing recreational users have not been consulted nor had a voice in the planning process as stakeholders, despite delegates from these communities attending review meetings.

There has been very little to no effort made to engage with and solicit input from recreational users of the Berkeley Marina throughout the review process, though the proposed project will undoubtedly impact these groups. I encourage the BCDC to require additional due diligence from the project to engage with the communities that will be affected by the proposed improvements.

Best,
David

From: Erin Diehm <erindiehm@hotmail.com>
Sent: Monday, April 21, 2025 2:24 PM
To: Ferris, Scott <SFerris@berkeleyca.gov>; Allan Abshez <allanabshez@sbcglobal.net>; Claudia Kawczynska <claudia94710@gmail.com>; BMASP <BMASP@berkeleyca.gov>
Subject: Fifth dead whale found in San Francisco Bay

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From KRON4
Hello all,

I remain extremely concerned about the network of high speed ferries proposed for the Bay and their impact on wildlife. I do not trust that an EIR (assuming it will actually happen) will address cumulative environmental impacts of this new "highway on the water" on marine wildlife and vegetation. Quiet fast ships are a menace. Slower loud ones (diesel) are too, for different reasons.

Erin

https://www.kron4.com/news/bay-area/fifth-dead-whale-found-in-san-francisco-bay/

And this one whoch confirmed death due to ship strike



Necropsy of dead whale in SF Bay confirms ship strike
kron4.com

Sent from my iPhone

From: Erin Diehm <erindiehm@hotmail.com>
Sent: Monday, May 19, 2025 3:22 PM
To: McNulty, Liza <lmcnulty@berkeleyca.gov>
Cc: BMASP <BMASP@berkeleyca.gov>
Subject: EIR NOP Comments on Berkeley Water Transportation Pier Ferry

WARNING: This is not a City of Berkeley email. Do not click links or attachments unless you trust the sender and know the content is safe.

Dear Ms. McNulty,

Thank you for taking my input on the NOP for the EIR of the Pier-Ferry Project. Attached are my written comments.

I am also attaching the article about noise pollution in the ocean that you had asked me share at the May 5th Community Scoping meeting, conducted via zoom.

In case there are any issues accessing the 2 attached documents, I have also pushed them to my google drive, where they should be downloadable.
(https://drive.google.com/drive/folders/1ufP96m-XxSnS2cBPn259guEOZzkT36JN?usp=drive_link)

Please let me know if there are any questions or issues.

Best regards,
Erin

May 19, 2025

FROM: Erin Diehm
2316 Jefferson Ave
Berkeley CA 94703
erindiehm@hotmail.com

TO: Liza McNulty, PE, Project Manager
City of Berkeley Parks Recreation & Waterfront Department
2180 Milvia Street, 3rd Floor
Berkeley, CA 94704
lmcnulty@berkeleyca.gov

RE: Public Input on NOP of Draft EIR for Berkeley Water Transportation Pier Ferry

Dear Ms. McNulty

Thank you for taking my input on the NOP for the EIR of the Pier-Ferry Project and Waterfront Specific Plan. I am a Berkeley resident writing as a private citizen, in my own capacity. I have followed the planning effort at the Berkeley Waterfront closely since January 2018, when the findings for replacing the Berkeley Pier were shared with the public at the regular monthly meeting of the Parks and Waterfront Commission.

This submission addresses the following topics:

OVERVIEW
ALTERNATIVES
BASELINE
PARKING DATA & LATENT DEMAND
BIOLOGICAL RESOURCES during a GLOBAL BIODIVERSITY CRISIS
SITE VISITS for BIOLOGICAL RESOURCES
STUDY BOUNDARY AND DATA for BIOLOGICAL RESOURCES
ROAD MORTALITIES: COLLISIONS KILL BIRDS, MONARCHs, and COUNTLESS OTHER SPECIES
LIGHT POLLUTION
NOISE POLLUTION
SHIP STRIKES
ENERGY EFFICIENCY and GREEN HOUSE GASES
SHORELINE DISTURBANCE and TURBIDITY

OVERVIEW

At the highest level, and from the very beginning, I remain concerned about the bifurcation of the planning efforts of the Pier/Ferry and the Waterfront Specific Plan (WSP). This artificial split has hindered the accurate assessment of the cumulative impacts of the ferry and potential development in other areas of the Waterfront/Marina area – including recreational access, the environment, local & migratory species, equity, public health, and more.

The bifurcation of the Pier-ferry project from the WSP is a kind of piecemealing which is not allowed under CEQA law. For example, and more recently, in their presentation to the Parks, Recreation and Waterfront Commission at their regular meeting in May 2025, Berkeley Staff described how overflow parking for the ferry would now be designated for the Skates parking lot and along Marina Boulevard. These locations had been illustrated in earlier versions of the WSP as the potential location of a new hotel &/or parking. Thus, the ferry and WSP are bleeding into each other and are truly one single project, and should be evaluated as such.

ALTERNATIVES

To adhere to CEQA law, the EIR should address potentially feasible alternatives, that may be environmentally &/or economically superior, including, but not limited to:

1. **a pier-only/no-ferry option – at the location of the currently closed pier.** Until its closure, the pier (and associated fishing) offered important recreational opportunities and food security for many (valued in the millions of dollars, as documented by C. Antinori Ph.D., et al[1]) Separately, on January 10, 2018 the results of a cost analysis for replacing just the pier (no ferry) were shared with the public at the Parks & Waterfront Commission.[2] Numerous scenarios were cost-estimated. Four of them ("Replacements" P8, P9, P10 and P11) ranged in cost from $21-24M with an encouraging longevity of "55 to 70" years. In spite of the hopefulness of these findings, discussion of a pier-only replacement did not continue and all further discussions of the pier involved the addition of a high-speed ferry. Moreover, many in the community have expressed their support for a pier-only option; it should be included as an Alternative in the EIR.
2. **locating the ferry terminal inside the Marina, on the North side of the interior of the Marina** near the current-day DoubleTree, with a potentially smaller ferry. This location offers several benefits: (a) environmentally, by eliminating the need for new harmful dredging on the western edge where the currently closed pier is located (outside the Marina), thereby minimizing the dredging for the project, (b) maintaining recreational access, by having ferry users park in the dry-dock parking lot (on the north side), the lots on the south side of the Marina will remain open and the land designed for recreational use on the south side will remain available to those users (recreational access won't have been usurped by the ferry).

BASELINE

To ensure that the Baseline reflects the true current demand, and not an artificially low one, the Baseline of recreational usage should incorporate recent prior usage, prior to the closure of 4

[1] A newer version of this article may be available from the authors. This is the version referenced above: "Fishing at the Berkeley Waterfront: What is it Worth?" by Camille Antinori Ph.D. et al. San Francisco State University, Sept 12, 2022., https://drive.google.com/file/d/14Gipko8qHsZxIFd4c6BHdiZzB8Pw-Alt/view

[2] Berkeley Municipal Pier Renovation Alternatives. https://berkeleyca.gov/sites/default/files/documents/COB%20-%20Alternative%20Summary%20Table_edits.pdf

facilities that attracted many people to the Waterfront, namely: the fishing pier, Hs Lordships and its parking lot, the East dock, and the lot currently fenced off for use by parking enforcement. The Baseline should not be based on usage in 2025 at the time of the NOP, when these 4 facilities are closed and inaccessible to the public, which drives down activity and would give an artificially low, inaccurate assessment of true need and current usage.

FOR EIR SCOPE: To ensure accurate and proper assessment of usage, the Baseline should be based on activity that includes (1) a reopened 2,000-ft pier, plus (2) the reopened Hs Lordships space & lot, plus (3) the reopened East dock, plus (4) the reopened lot currently fenced off for parking enforcement.

PARKING DATA & LATENT DEMAND

The current version of Kittelson's parking study for the pier-ferry project requires additional work, because the scope of the data is insufficient. It doesn't include data for summer months (times of peak use) and it combines data across all locations, ignoring specific uses in specific locations and users' specific needs (like bringing equipment). The data also do not account for latent demand—specifically, the increase in visitorship that is reasonably expected following the restoration of the pier and the addition of new amenities in the marina area.

FOR EIR SCOPE: Under CEQA, environmental review must consider foreseeable changes resulting from a project, and increased activity and visitation due to enhanced public attractions are both foreseeable and significant. Therefore, I request that the parking analysis be revised to include data for each individual lot, at times of day/year in the summer that reflect true peak usage, include when parking visitors bring with them equipment to use with the recreational activity, and projections for latent demand, ensuring that the Environmental Impact Report fully reflects the project's likely impacts on parking availability and transportation infrastructure.

BIOLOGICAL RESOURCES during a GLOBAL BIODIVERSITY CRISIS

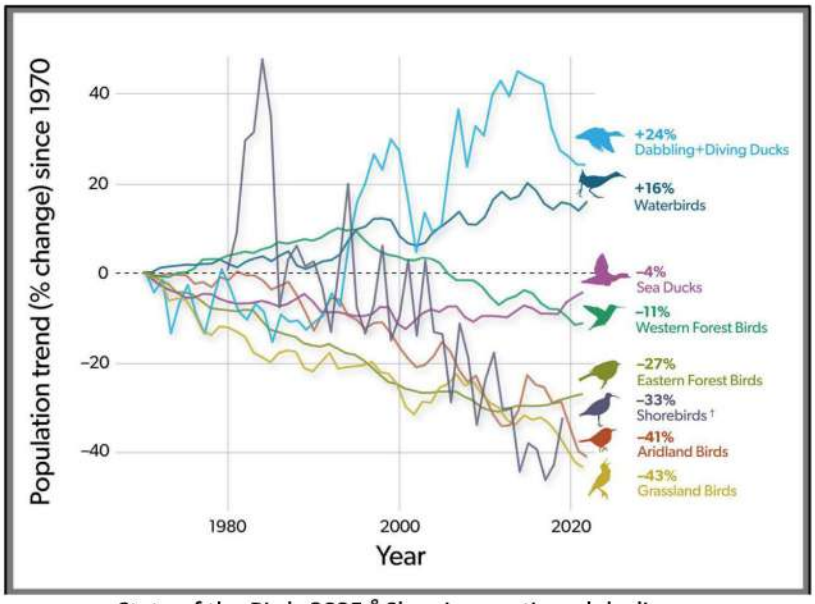
It is widely recognized that we are in a global biodiversity crisis. Scientists predict that on our current trajectory, nearly 40% of all species will face extinction by 2100[3]. Insects are in steep decline (e.g. up to a 75% loss if insect biomass since 1990, the "Insect Apocalypse"[4]; a 22% decline in butterfly species from 2000-2022, plus an ongoing additional 2% loss per year[5]). Birds are in trouble, too. Since the 1970s almost one-third of all birds have disappeared from the U.S.[6]

[3] "Expert perspectives on global biodiversity loss and its drivers and impacts on people." by F. Isbell et al. in Frontiers in Ecology and the Environment, July 18 2022. https://doi.org/10.1002/fee.2536
[4] "More than 75 percent decline over 27 years in total flying insect biomass in protected areas." by C. Hallmann, et al., in PLOS One, October 18, 2017. https://doi.org/10.1371/journal.pone.0185809
[5] "Rapid butterfly declines across the United States during the 21st century." by E. Edwards, et al. in Science, Vol 287, Issue 6738, March 6, 2025. https://www.science.org/doi/10.1126/science.adp4671
[6] "Nearly 3 Billion Birds Gone." by Cornell Lab of Ornithology. https://www.birds.cornell.edu/home/bring-birds-back

and the recent State of the Birds[7] found that virtually all species continue to decline, including Shorebirds and even Ducks (which had been a ray of hope in the past).



Almost 1/3 of all birds have disappeared in the last 50 years
from Cornell Labs, based on "Decline of North American Avifauna." Rosenberg et al (2019)



State of the Birds 2025.[8] Showing continued declines.
† Shorebirds indicator trend has not been updated since 2019

FOR EIR SCOPE: EIRs typically limit evaluation of Biological Resources to an extremely short list of formally listed species, which results in very few species being considered and the vast majority of others being ignored, potentially putting many in harm's way. Given the biological importance of the proposed project site (locally and regionally), coupled with the alarming

[7] "State of the Birds 2025" https://www.stateofthebirds.org/2025/executive-summary/
[8] ibid.

global declines in biodiversity, it is appropriate and I request that the EIR cast a wider net when evaluating which species to consider as a "Biological Resource", to include species that aren't listed (and are being considered for listing), and to evaluate comprehensive impacts of the proposed high-speed ferry system, including increased vehicle traffic to the Marina (and associated collisions with insects, birds, and wildlife), light pollution, noise (above and below water), and more.

SITE VISITS for BIOLOGICAL RESOURCES

Migratory species may be present in some months and absent in others. If site visits occur when a migratory species aren't present, the impact on those species will be ignored.

FOR EIR SCOPE: To ensure a comprehensive evaluation of Biological Resources under CEQA, I request that a number of site visits be conducted, across multiple seasons and key biological windows. This approach is critical to accurately document the presence or absence of migratory species, breeding activity, and other seasonally dependent ecological factors. Site assessments limited to a narrow timeframe risk overlooking important biological indicators and could result in an incomplete or inaccurate impact analysis.

STUDY BOUNDARY AND DATA for BIOLOGICAL RESOURCES

The boundary of study as presented in the NOP is too small to accurately assess real impacts on Biological Resources by the proposed Berkeley ferry and the larger WETA ferry system. The boundary described in the NOP is limited to University Avenue, the proposed ferry Plaza, 3 nearby parking lots, the Pier and waters nearby north and south; illustrated below (from the NOP):



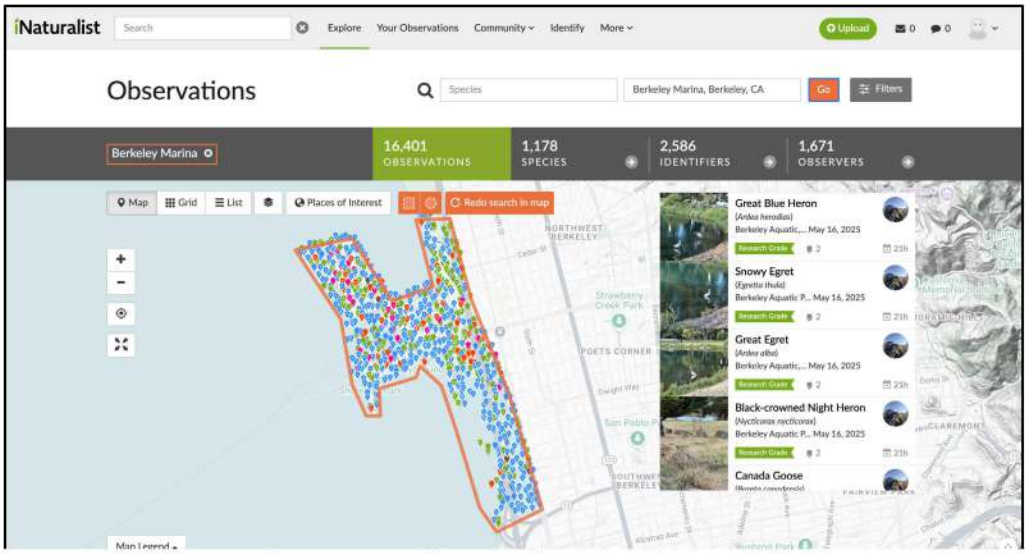
Area of Study as proposed in the NOP, April 18, 2025.

Birds and other species, readily move throughout the larger marina area, to forage, find nesting material, hunt, and more. It is unreasonable to limit the boundary to such a small area and think it will assess the real impacts on nearby species. A bird that lives in Sylvia McLaughlin Eastshore State Park, or in the Marina, may forage in the vegetation at Shorebird Park or in the water along the shoreline affected by the high-speed ferry. **The boundary should, therefore, be expanded.**

Ensuring adequate assessment is especially important because Berkeley's Waterfront/Marina is of high global ecological significance. It lies within the San Francisco Bay, the largest estuary on the West Coast and one of North America's most important... recognized as an international biodiversity hotspot... [and a] key stopover along on the Pacific"[9] with millions of birds migrating through at peak season.

To evaluate the biological resources at the Waterfront, the EIR should use the globally-utilized and -recognized citizen-science platforms **iNaturalist** and **eBird**[10] to ensure that all species inhabiting the Marina/Waterfront area – year-round residents & migratory, listed & not-listed – are documented and adequately protected from unnecessary harm.

iNaturalist data shows that 1,178 total species have been documented in the larger Berkeley Marina area, illustrated below[11] (this includes 196 species of birds, not illustrated, but Filters can focus on avian species):



iNaturalist. 1,178 total species documented in Marina area.

[9] "Audubon Projects, San Francisco Bay" https://www.audubon.org/california/projects/san-francisco-bay

[10] **iNaturalist** is used to document a wide range of species: birds, fish, mollusks, plants, insects, etc.; **eBird** is used to document just bird species

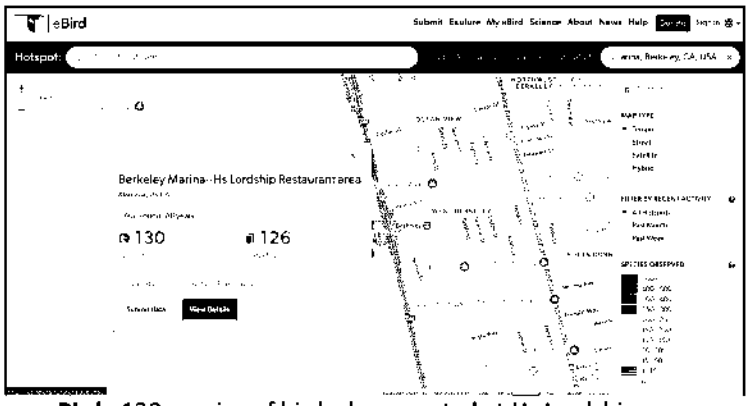
[11] iNaturalist - to focus on a specific location, in its name in the field "Location" in upper-right. https://www.inaturalist.org/observations?place_id=62221&subview=map

Using filters to focus on just "Threatened" bird species, as defined by iNaturalist, shows 23 such bird species documented in the Marina Area, illustrated below:

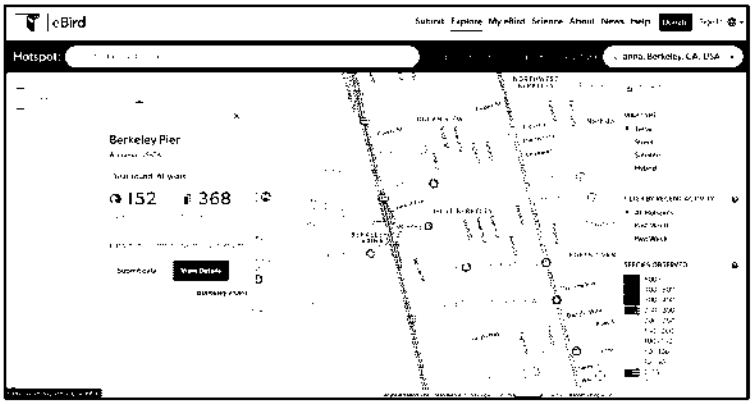


iNaturalist. 23 species of "threatened" birds documented in the Marina area.

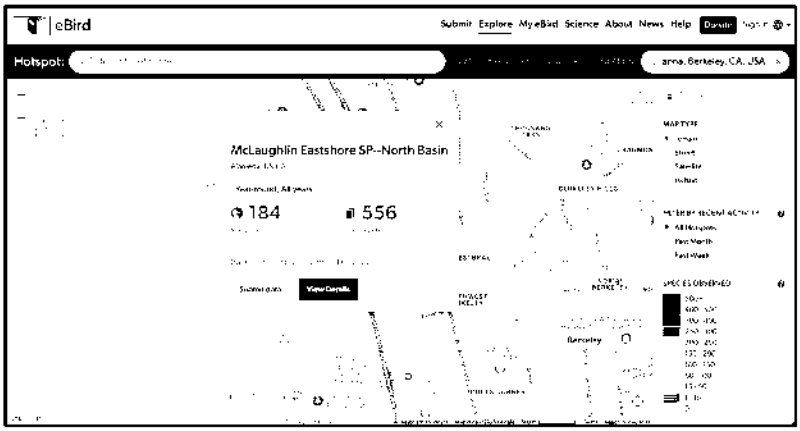
eBird data[12] shows that up to 231 species of birds have been documented in the area immediately surrounding the ferry project site, illustrated below:



eBird. 130 species of birds documented at Hs Lordships area

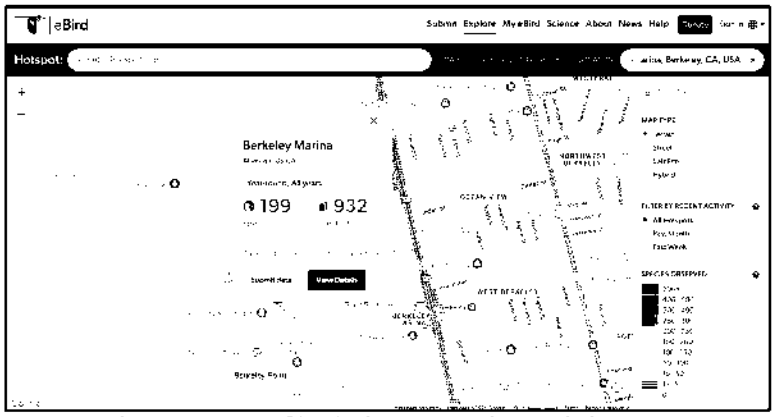


eBird. 152 species of birds documented at the Berkeley Pier

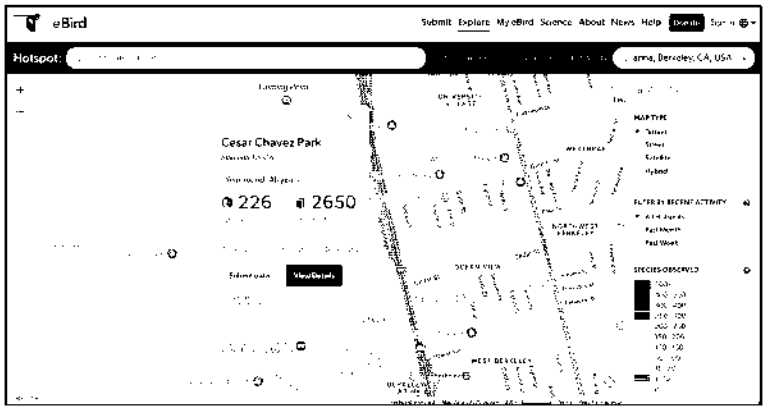


eBird. 184 species of birds documented in the North Basin (of Sylvia Mclaughlin Eastshore SP)

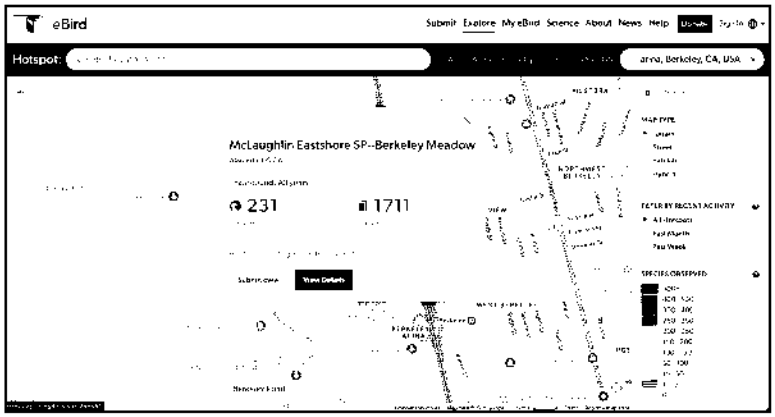
[12] eBird hotspots - to focus on a specific location, enter location in upper-right field) https://ebird.org/hotspots



eBird. 199 species of birds documented in Berkeley Marina

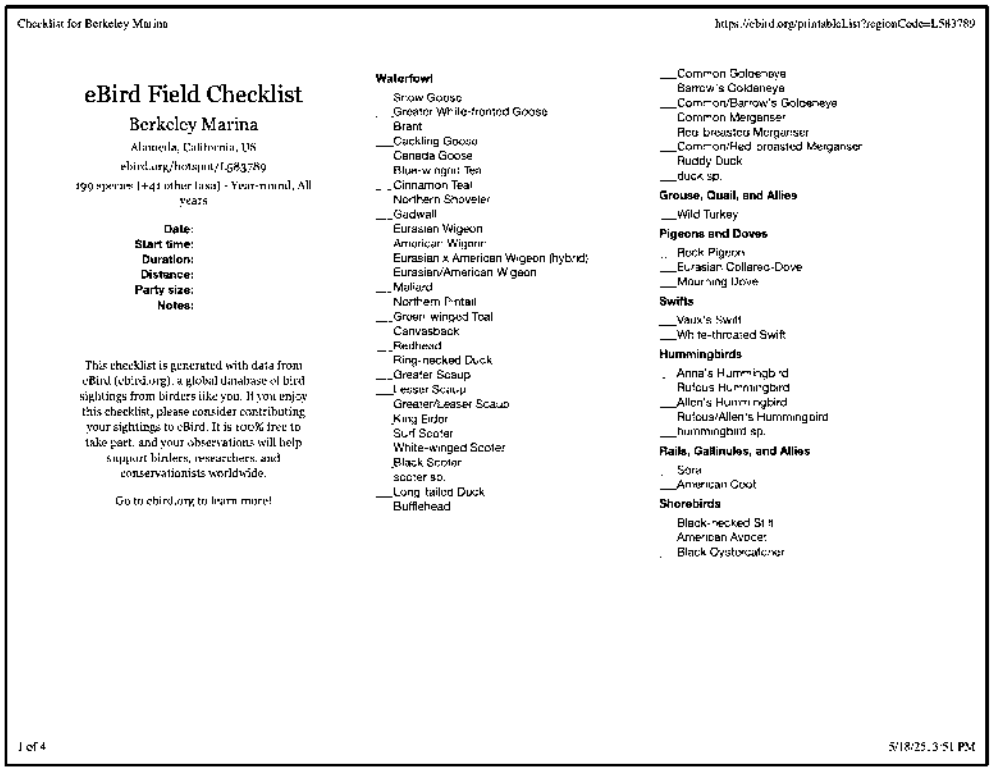


eBird. 226 species of birds documented at Cesar Chavez Park



eBird. 231 species of birds documented at Sylvia McLaughlin Easthore State Park

For each hotpot, a checklist can easily be printed to identify species documented. For example, here is the list of the 199 documented at the Berkeley Marina.



Checklist for Berkeley Marina https://ebird.org/printableList?regionCode=L583789

eBird Field Checklist

Berkeley Marina

Alameda, California, US

ebird.org/hotspot/L583789

199 species (+41 other taxa) - Year-round, All years

Date:
Start time:
Duration:
Distance:
Party size:
Notes:

This checklist is generated with data from eBird (ebird.org), a global database of bird sightings from birders like you. If you enjoy this checklist, please consider contributing your sightings to eBird. It is 100% free to take part, and your observations will help support birders, researchers, and conservationists worldwide.

Go to ebird.org to learn more!

Waterfowl

Snow Goose
Greater White-fronted Goose
Brant
Cackling Goose
Canada Goose
Blue-winged Teal
Cinnamon Teal
Northern Shoveler
Gadwall
Eurasian Wigeon
American Wigeon
Eurasian x American Wigeon (hybrid)
Eurasian/American Wigeon
Mallard
Northern Pintail
Green-winged Teal
Canvasback
Redhead
Ring-necked Duck
Greater Scaup
Lesser Scaup
Greater/Lesser Scaup
King Eider
Surf Scoter
White-winged Scoter
Black Scoter
scoter sp.
Long-tailed Duck
Bufflehead
Common Goldeneye
Barrow's Goldeneye
Common/Barrow's Goldeneye
Common Merganser
Red-breasted Merganser
Common/Red-breasted Merganser
Ruddy Duck
duck sp.

Grouse, Quail, and Allies

Wild Turkey

Pigeons and Doves

Rock Pigeon
Eurasian Collared-Dove
Mourning Dove

Swifts

Vaux's Swift
White-throated Swift

Hummingbirds

Anna's Hummingbird
Rufous Hummingbird
Allen's Hummingbird
Rufous/Allen's Hummingbird
hummingbird sp.

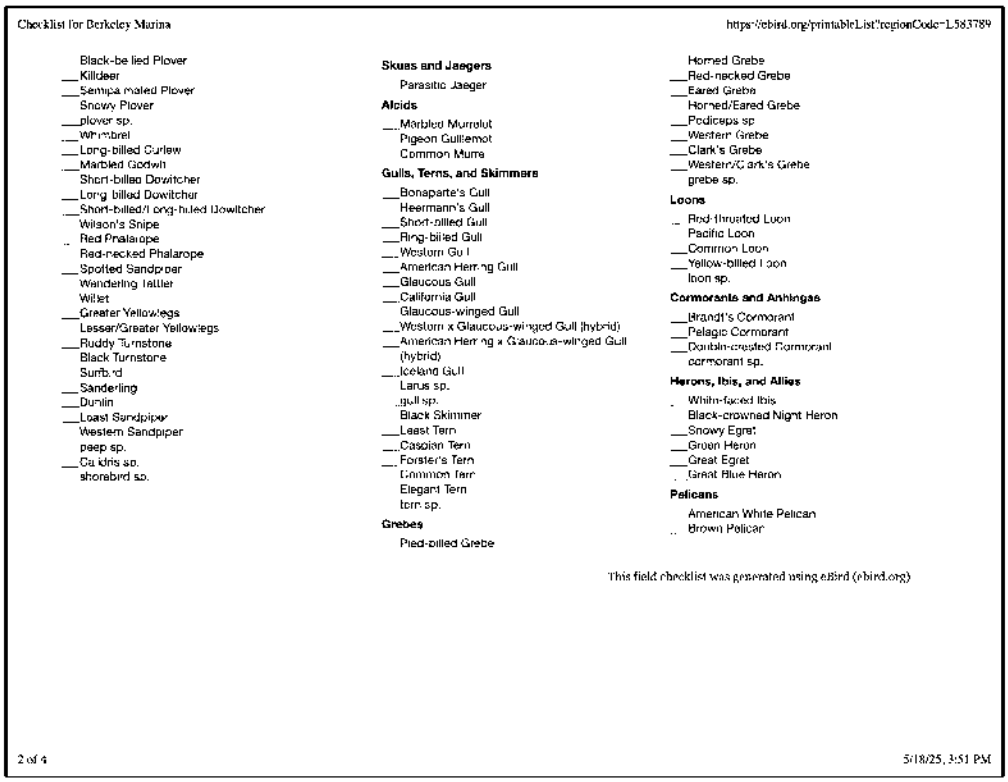
Rails, Gallinules, and Allies

Sora
American Coot

Shorebirds

Black-necked Stilt
American Avocet
Black Oystercatcher

eBird. Checklist of the 199 birds documented at the Berkeley Marina. (1 of 4)



Black-bellied Plover
Killdeer
Semipalmated Plover
Snowy Plover
plover sp.
Whimbrel
Long-billed Curlew
Marbled Godwit
Short-billed Dowitcher
Long-billed Dowitcher
Short-billed/Long-billed Dowitcher
Wilson's Snipe
Red Phalarope
Red-necked Phalarope
Spotted Sandpiper
Wandering Tattler
Willet
Greater Yellowlegs
Lesser/Greater Yellowlegs
Ruddy Turnstone
Black Turnstone
Surfbird
Sanderling
Dunlin
Least Sandpiper
Western Sandpiper
peep sp.
Calidris sp.
shorebird sp.

Skuas and Jaegers

Parasitic Jaeger

Alcids

Marbled Murrelet
Pigeon Guillemot
Common Murre

Gulls, Terns, and Skimmers

Bonaparte's Gull
Heermann's Gull
Short-billed Gull
Ring-billed Gull
Western Gull
American Herring Gull
Glaucous Gull
California Gull
Glaucous-winged Gull
Western x Glaucous-winged Gull (hybrid)
American Herring x Glaucous-winged Gull (hybrid)
Iceland Gull
Larus sp.
gull sp.
Black Skimmer
Least Tern
Caspian Tern
Forster's Tern
Common Tern
Elegant Tern
tern sp.

Grebes

Pied-billed Grebe
Horned Grebe
Red-necked Grebe
Eared Grebe
Horned/Eared Grebe
Podiceps sp.
Western Grebe
Clark's Grebe
Western/Clark's Grebe
grebe sp.

Loons

Red-throated Loon
Pacific Loon
Common Loon
Yellow-billed Loon
loon sp.

Cormorants and Anhingas

Brandt's Cormorant
Pelagic Cormorant
Double-crested Cormorant
cormorant sp.

Herons, Ibis, and Allies

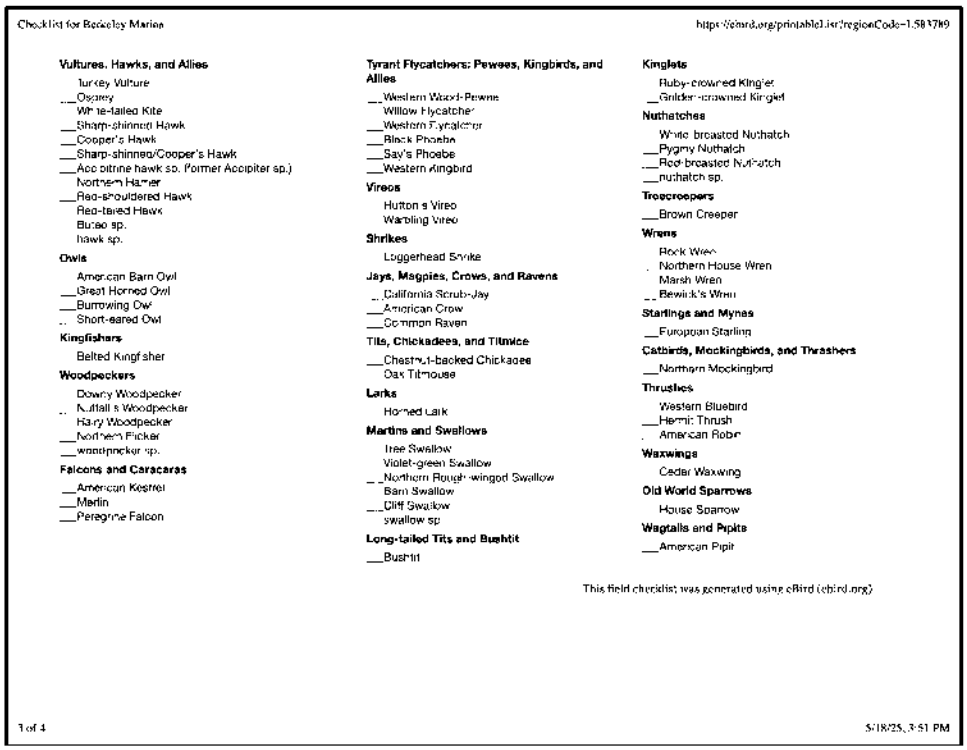
White-faced Ibis
Black-crowned Night Heron
Snowy Egret
Green Heron
Great Egret
Great Blue Heron

Pelicans

American White Pelican
Brown Pelican

This field checklist was generated using eBird (ebird.org)

eBird. Checklist of the 199 birds documented at the Berkeley Marina. (2 of 4)



Checklist for Berkeley Marina https://ebird.org/printableList?regionCode=L5837#9

Vultures, Hawks, and Allies
Turkey Vulture
__Osprey
White-tailed Kite
__Sharp-shinned Hawk
__Cooper's Hawk
__Sharp-shinned/Cooper's Hawk
__Accipitrine hawk sp. (Former Accipiter sp.)
Northern Harrier
__Red-shouldered Hawk
Red-tailed Hawk
Buteo sp.
hawk sp.

Owls
American Barn Owl
__Great Horned Owl
__Burrowing Owl
__Short-eared Owl

Kingfishers
Belted Kingfisher

Woodpeckers
Downy Woodpecker
__Nuttall's Woodpecker
Hairy Woodpecker
__Northern Flicker
__woodpecker sp.

Falcons and Caracaras
__American Kestrel
__Merlin
__Peregrine Falcon

Tyrant Flycatchers: Pewees, Kingbirds, and Allies
__Western Wood-Pewee
Willow Flycatcher
__Western Flycatcher
__Black Phoebe
__Say's Phoebe
__Western Kingbird

Vireos
Hutton's Vireo
Warbling Vireo

Shrikes
Loggerhead Shrike

Jays, Magpies, Crows, and Ravens
__California Scrub-Jay
__American Crow
__Common Raven

Tits, Chickadees, and Titmice
__Chestnut-backed Chickadee
Oak Titmouse

Larks
Horned Lark

Martins and Swallows
Tree Swallow
Violet-green Swallow
__Northern Rough-winged Swallow
Barn Swallow
__Cliff Swallow
swallow sp.

Long-tailed Tits and Bushtit
__Bushtit

Kinglets
Ruby-crowned Kinglet
__Golden-crowned Kinglet

Nuthatches
White-breasted Nuthatch
__Pygmy Nuthatch
__Red-breasted Nuthatch
__nuthatch sp.

Treecreepers
__Brown Creeper

Wrens
Rock Wren
Northern House Wren
Marsh Wren
__Bewick's Wren

Starlings and Mynas
__European Starling

Catbirds, Mockingbirds, and Thrashers
__Northern Mockingbird

Thrushes
Western Bluebird
__Hermit Thrush
American Robin

Waxwings
Cedar Waxwing

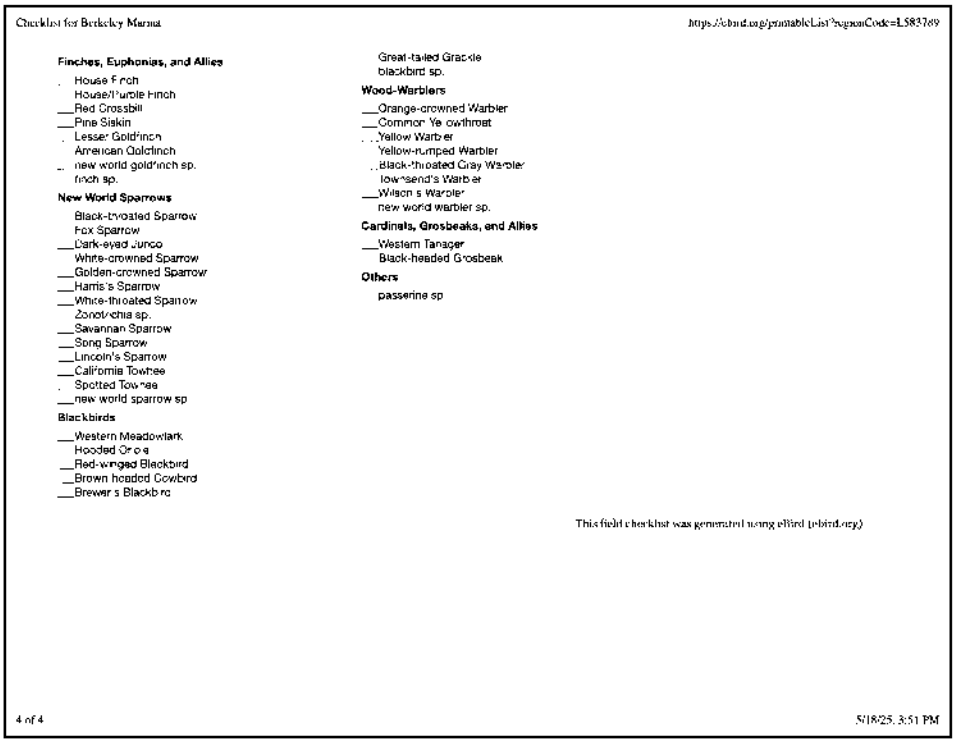
Old World Sparrows
House Sparrow

Wagtails and Pipits
__American Pipit

This field checklist was generated using eBird (ebird.org)

3 of 4 5/18/25, 3:51 PM

eBird. Checklist of the 199 birds documented at the Berkeley Marina. (3 of 4)



Checklist for Berkeley Marina https://ebird.org/printableList?regionCode=L5837#9

Finches, Euphonias, and Allies
House Finch
House/Purple Finch
__Red Crossbill
__Pine Siskin
Lesser Goldfinch
American Goldfinch
new world goldfinch sp.
finch sp.

New World Sparrows
Black-throated Sparrow
Fox Sparrow
__Dark-eyed Junco
White-crowned Sparrow
__Golden-crowned Sparrow
__Harris's Sparrow
__White-throated Sparrow
Zonotrichia sp.
__Savannah Sparrow
__Song Sparrow
__Lincoln's Sparrow
__California Towhee
Spotted Towhee
__new world sparrow sp

Blackbirds
__Western Meadowlark
Hooded Oriole
__Red-winged Blackbird
__Brown-headed Cowbird
__Brewer's Blackbird
Great-tailed Grackle
blackbird sp.

Wood-Warblers
__Orange-crowned Warbler
__Common Yellowthroat
Yellow Warbler
Yellow-rumped Warbler
Black-throated Gray Warbler
Townsend's Warbler
__Wilson's Warbler
new world warbler sp.

Cardinals, Grosbeaks, and Allies
__Western Tanager
Black-headed Grosbeak

Others
passerine sp

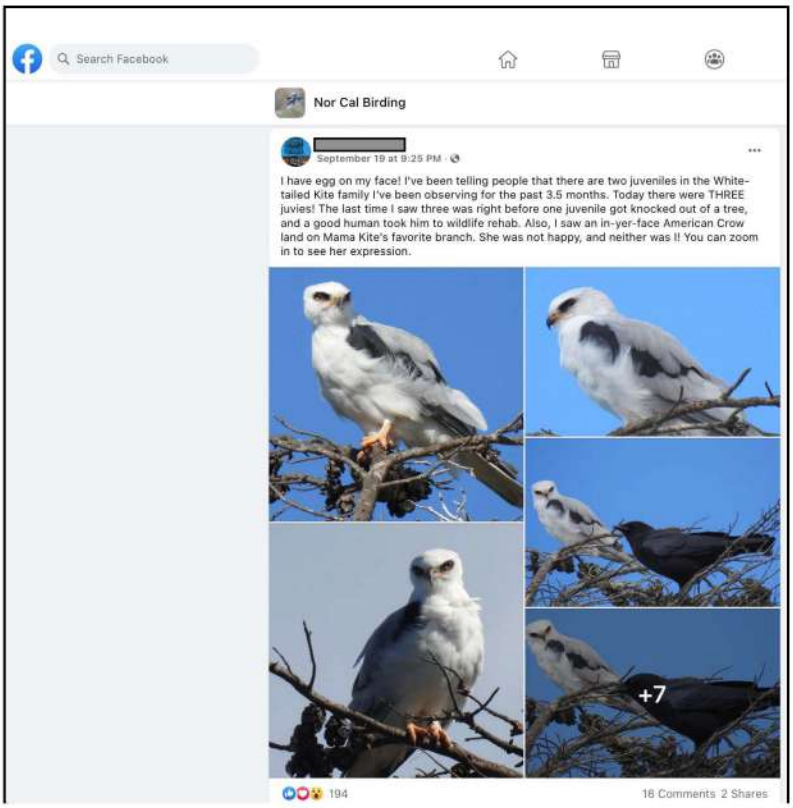
This field checklist was generated using eBird (ebird.org)

4 of 4 5/18/25, 3:51 PM

eBird. Checklist of the 199 birds documented at the Berkeley Marina. (4 of 4)

In addition to **iNaturalist** and **eBird**, the **Facebook** Group **"Nor Cal Birding"** has documented bird species at the Berkeley Marina, including protect ones. For example, a pair of nesting

White-Tailed Kites and their young were photographed in the Marina. The White-Tailed Kite is a CA listed species.



Facebook Group "Nor Cal Birding". White-tailed Kites and their young documented at Berkeley Marina. (1 of 2)



Facebook Group "Nor Cal Birding". White-tailed Kites and their young documented at Berkeley Marina. (2 of 2)

The nesting & feeding patterns of birds and other creatures cover a broad area. For example, a bird that nests on the east side of the Marina, may hunt in Shorebird park. A snake that lives in the Sylvia Mclaughlin Eastshore State Park may crawl south across University Avenue to forage, but be killed by an oncoming vehicle while crossing the road.

FOR EIR SCOPE: To ensure a complete and adequate assessment, the EIR should not base its analysis of Biological Resources on on-site visits alone. Those visits are inherently limited in time and scope, making them insufficient to evaluate the presence of migratory species throughout

the year. To ensure a full and complete analysis of Biological Resources, reliable and more comprehensive data sources available online should be utilized, too. I request that the EIR incorporate relevant data from iNaturalist and eBird in its evaluation Biological Resources.

I also request that the study boundary for biological resources in the EIR be expanded to encompass the full range of habitat areas functionally connected to the project site, as many species rely on spatially distinct but ecologically linked areas for critical life functions such as foraging, nesting, and migration, and a narrowly defined boundary may fail to capture significant impacts on their survival. I request that the expanded boundary cover the larger Waterfront area, including:

- University Avenue, extending south to the South Basin shoreline
- Sylvia McLaughlin Eastshore State Park
- North Basin
- Cesar Chavez Park
- Berkeley Marina (landside and basin)
- Shorebird Park & Seawall Area (formerly Hs Lordships and lot)
- the Plaza, pier, and nearby waters

Lastly, to ensure that potentially significant impacts on biological resources are adequately assessed, I request that leading local conservation organizations are contacted for their input on the EIR, especially:

- The Golden Gate Bird Alliance (https://goldengatebirdalliance.org)
- Marine Mammal Center (https://www.marinemammalcenter.org)
- East Bay Chapter of the California Native Plant Society (https://ebcnps.org)

ROAD MORTALITIES: COLLISIONS KILL BIRDS, MONARCHs, and COUNTLESS OTHER SPECIES

Wildlife-vehicle collisions are a major source of animal mortality, killing hundreds of millions of birds, butterflies, and other species annually.[13], For example,

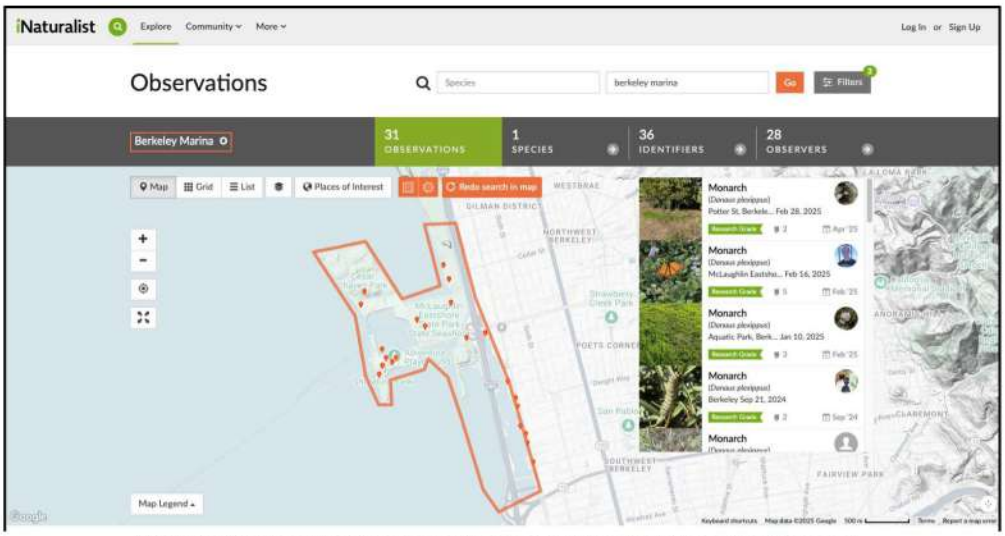
- "When averaging across model iterations, we estimated that between 89 and 340 million birds die annually from vehicle collisions on U.S. roads."[14]
- "...some 4.7 million monarch [butterflies]" died as a result of vehicular collision in the Central Funnel of southwestern Texas in the autumn of 2016 and 2017."[15]

[13] "Flight Doesn't Solve Everything: Mitigation on Road Impacts on Birds", by A Kociolek, et al. Chapter 33 https://www.fs.usda.gov/psw/publications/jacobson/psw_2015_jacobson001_kociolek.pdf

[14] "Estimation of bird-vehicle collision mortality on U.S. roads." by Scott Loss, Tom Will, and Peter Marra. in Wildlife Management, Vol 78, Issue 5, July 2014. https://doi.org/10.1002/jwmg.721

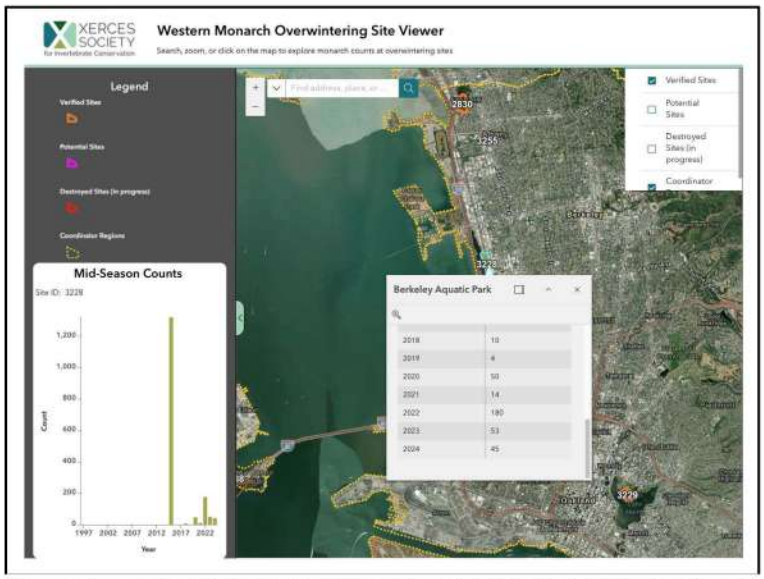
[15] "Roadkill is a problem for monarch butterflies. Can it be solved?" by Brandon Keim, in Anthropocene Magazine, February 20, 2019. https://www.anthropocenemagazine.org/2019/02/monarch-butterfly-roadkill-solutions/

Western monarchs (*Danaus plexippus*) are currently at extreme risk, with populations down 99%. They face a 98%-99% probability of extinction by 2080 and, along with the Eastern populations, are being considered for listing as an Endangered Species.[16] Monarchs have been documented throughout the Marina area:



iNaturalist. Documenting the Monarch butterfly at the Marina area.

They have also been documented at nearby Aquatic Park over the past 10 years as part of the annual Western Monarch Count.[17] Some of the individual monarchs seen at Aquatic Park may have visited the Waterfront/Marina area, and vice versa, traversing a habitat corridor.



Monarch counts for the past 10 years taken at Berkeley's Aquatic Park

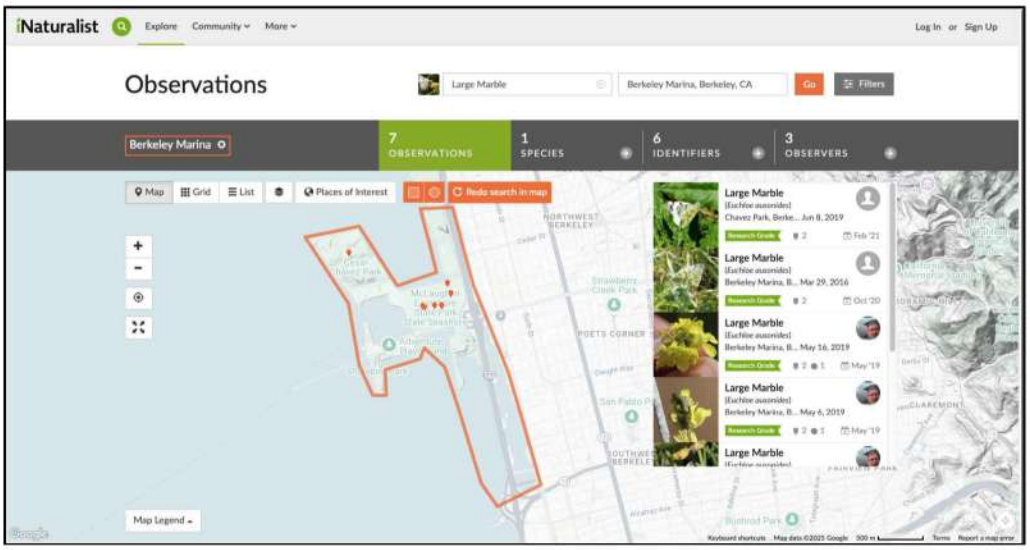
[16] "Save the monarch." on US Fish & Wildlife Service. https://www.fws.gov/initiative/pollinators/save-monarch
[17] Western Monarch Count Map of Overwintering Sites. on Xerces Society website. https://westernmonarchcount.org/map-of-overwintering-sites/

from Xerces Society, Western Monarch Count webpage[18]

The Large Marble butterfly (*Euchloe ausonides*) is in steep decline. In October 2023 the Xerces Society of Invertebrate Conservation petitioned the U.S. Fish & Wildlife Service for protection under the Endangered Species Act:

> "**California's large marble butterfly is the most imperiled.**
> Once present throughout each county in the Sacramento valley and San Francisco Bay regions, most remaining populations are relegated to beachfront areas along the San Francisco Bay... Multiple long-term butterfly population monitoring sites have documented the disappearance of this butterfly subspecies..."[19]

In spite of the declines, Large Marbles have been seen in the Waterfront/Marina area and documented on iNaturalist. Given its proximity to University Avenue, this species could be put at risk by increased vehicle traffic on University Avenue.



iNaturalist. Documenting the Large Marble butterfly at the Marina area.

Several species of protected birds have also been documented at the Marina area.

The proposed ferry project will increase traffic on University Avenue. Moreover, the recent repaving of University Avenue increases vehicle speeds.

FOR EIR SCOPE: I request that the EIR include in analysis of impact on Biological Resources, potential significant risks to monarchs, birds, and other creatures, due to collision with vehicles, especially along University Avenue.

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[18] ibid.

[19] "Xerces Society Seeks Endangered Species Act Protection For The Large Marble Butterfly, A Once-Common Western Species", https://xerces.org/press/xerces-society-seeks-endangered-species-act-protection-for-large-marble-butterfly-once-common

LIGHT POLLUTION

Artificial Light At Night (ALAN) is a major environmental disruptor.

ALAN can interfere with organisms at all levels – from those in the soil, to insects, aquatic species[20], birds, and even humans (where it is associated with certain kinds of cancers). ALAN is a major driver of global insect declines[21]. Light pollution negatively impacts birds, too, disrupting nesting behavior and even bird global migrations[22] –birds are lured off course, into urban areas, where they face numerous threats. Birds making the flight for the first time are especially vulnerable.

With the advent of energy-efficient LEDs, the cost of lighting has greatly decreased causing the use of LEDs to proliferate. Global light pollution is now increasing at 2% per year.[23] DarkSky International offers guidelines for outdoor lighting[24] outlining "5 Principles for Responsible Outdoor Lighting"[25]

FOR EIR SCOPE: The EIR should include a robust evaluation of all potential new light pollution associated with the proposed ferry project and mitigations. It should include potentially introduced light, as part of the proposed pier-ferry at just Berkeley, as well as across the entire ferry system, including the existing 10 Terminals and the proposed 27 total future Terminals, to determine the true cumulative impacts of the WETA ferry system on our Bay environment.

NOISE POLLUTION

Whether all-electric or diesel, the WETA high-speed ferries contribute to the growing anthropogenic cacophony in the Bay waters. The article "The soundscape of the Anthropocene ocean"[26] offers many helpful statements about the noise risks of the proposed high speed ferry system on marine life in the Bay, including this Outlook,

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[20] "The Aquatic Light Show: How Light Impacts Life Beneath the Waves." by Environmental Literacy Team. May 18, 2025. https://enviroliteracy.org/animals/how-does-light-affect-aquatic-animals/#google_vignette

[21] "Light pollution is a drive of insect declines." by A. Owens et al. in Biological Conservation, Vol 241, January 2020. https://www.sciencedirect.com/science/article/abs/pii/S0006320719307797

[22] "Light Pollution Poses Threat to Migrating Birds." Dark Skies International, May 9 2019. https://darksky.org/news/light-pollution-poses-threat-to-migrating-birds/

[23] "Five Years of Satellite Image Show Global Light Pollution Increasing at a Rate of Two Percent Per Year." Dark Skies s https://darksky.org/news/five-years-of-satellite-images-show-global-light-pollution-increasing-at-a-rate-of-two-percent-per-year/

[24] "Advancing responsible outdoor lighting." by DarkSky International. https://darksky.org/what-we-do/advancing-responsible-outdoor-lighting/

[25] "Five Principles for Responsible Outdoor Lighting." by DarkSky International. https://darksky.org/resources/guides-and-how-tos/lighting-principles/

[26] "The soundscape of the Anthropocene ocean." by D. Duarte, et all, in *Science*, vol 371, No 6529, February 5 2021. https://www.science.org/doi/10.1126/science.aba4658

> "Anthropogenic noise is a stressor for marine animals. Thus, we call for it to be included in assessments of cumulative pressures on marine ecosystems. Compared with other stressors that are persistent in the environment, such as carbon dioxide emitted to the atmosphere or persistent organic pollutants delivered to marine ecosystems, anthropogenic noise is typically a point-source pollutant, the effects of which decline swiftly once sources are removed. The evidence summarized here encourages national and international policies to become more ambitious in regulating and deploying existing technological solutions to mitigate marine noise and improve the human stewardship of ocean soundscapes to maintain a healthy ocean."[27]

and regarding noise as pollution,

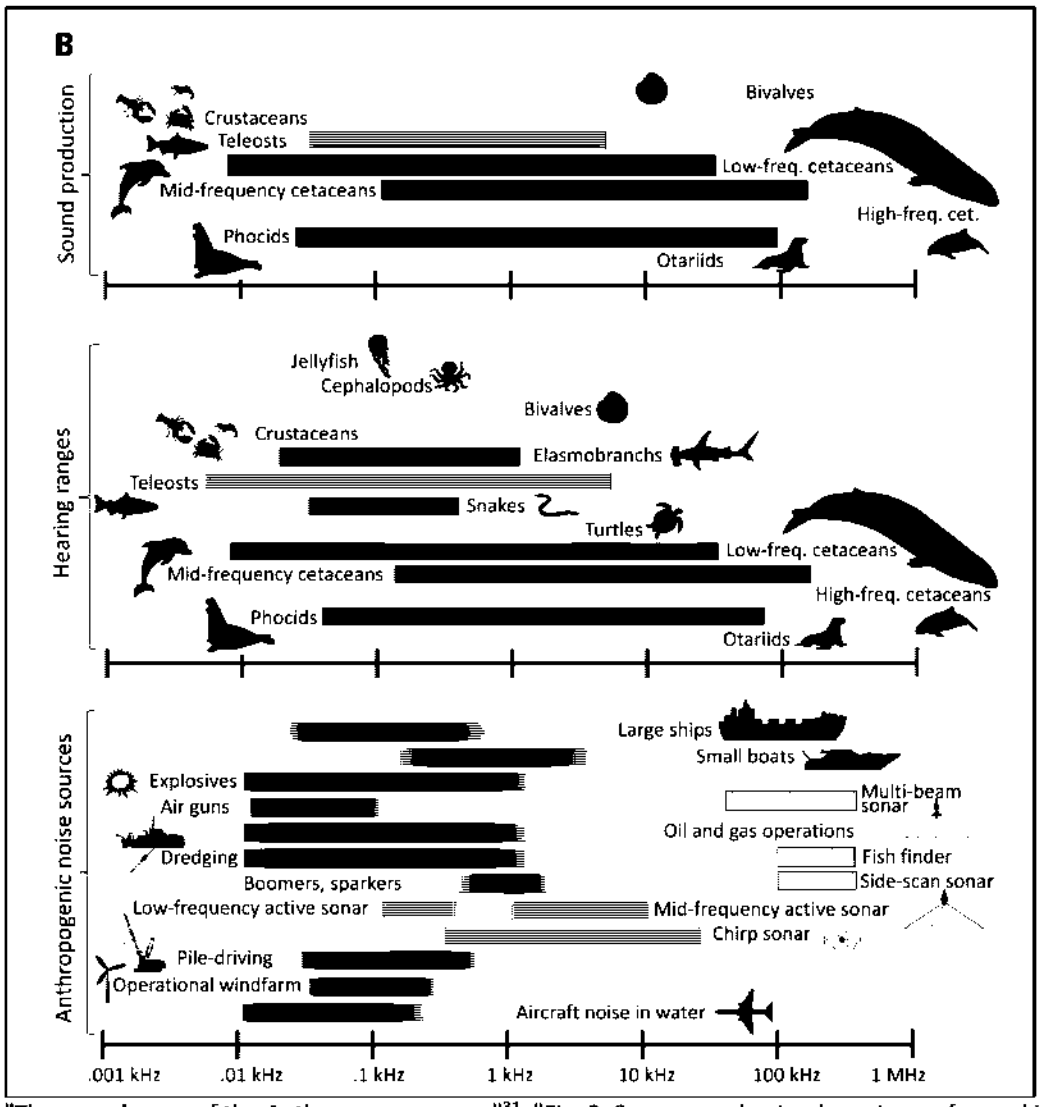
> This "anthropogenic noise", (introduced by ferries and other sources), "is a pollutant that cannot be ignored... it must be mitigated to reduce human impacts"[28] on the ocean soundscape and marine life.

and regarding environmental review,

> "Anthropogenic noise is a stressor for marine animals. Thus, we call for it to be included in assessments of cumulative pressures on marine ecosystems."[29], and,
> "Although our assessment shows that anthropogenic noise detrimentally affects marine animals, a lack of global syntheses of data has resulted in it being typically ignored in reviews of cumulative and/or global impacts of anthropogenic stressors on marine life"[30]

The article includes an excellent graphic illustrating the overlap between the sound production and hearing ranges of marine taxa and frequency ranges of selected anthropogenic sound sources:

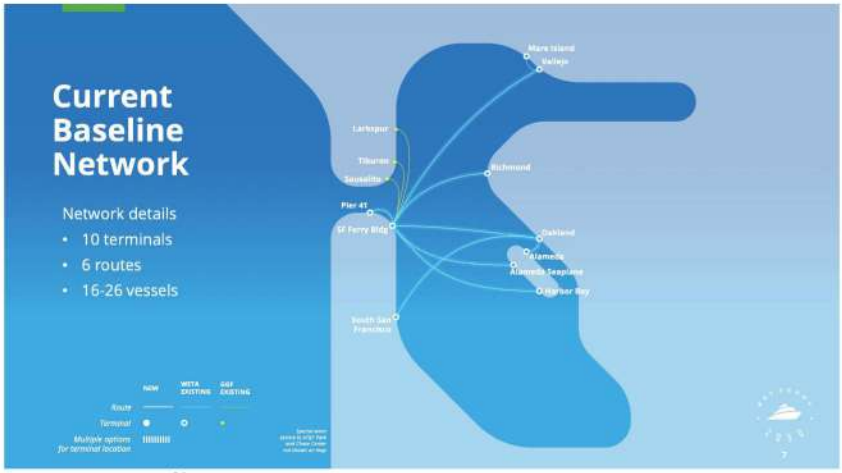
[27] ibid.
[28] ibid.
[29] ibid.
[30] ibid.



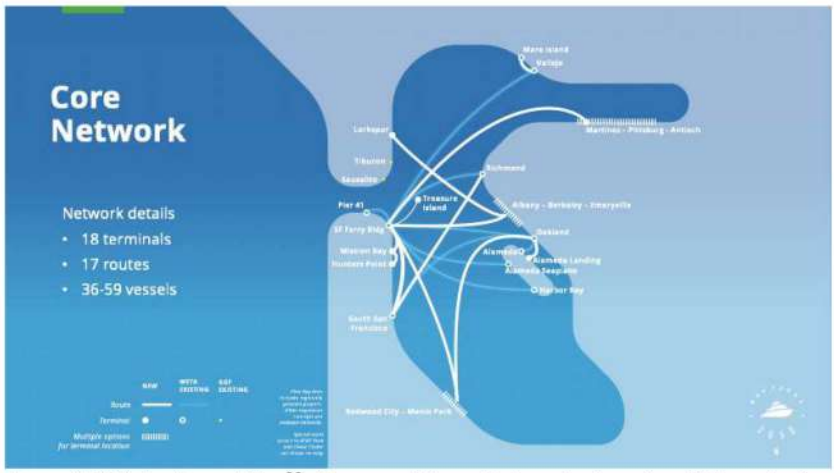
From "The soundscape of the Anthropocene ocean"[31]. "Fig. 2. Sources and animal receivers of sound in the ocean soundscape. (B) Approximate sound production and hearing ranges of marine taxa and frequency ranges of selected anthropogenic sound sources. These ranges represent the acoustic energy over the dominant frequency range of the sound source, and color shading roughly corresponds to the dominant energy band of each source. Dashed lines represent sonars to depict the multifrequency nature of these sounds."

Now let's look at WETA's current and proposed ferry system, in light of the anthropogenic noise that will be introduced to the Bay waters. At writing there are 10 Terminals but WETA's Business Plan identifies 26 total Terminals system-wide, stretching the length of the Bay, from Pittsburg-Antioch (in the north, on the Delta), all the way down south to Sunnyvale-San Jose-Milpitas (at the very southern reach of the Bay).

[31] ibid.



From WETA Business Plan[32]. Current Baseline Network, showing the 10 existing terminals as of (May 2025)



From WETA Business Plan[33]. Proposed Core Network, showing 18 terminals.



From WETA Business Plan[34]. Proposed Coverage Network, showing the 26 terminals.

[32] WETA 2050 Service Vision & Business Plan. https://sanfranciscobayferry.com/2050-service-vision-business-plan/
[33] ibid.
[34] ibid.

With each new terminal, the noise pollution introduced into the Bay environment by the WETA ferry system will increase. Given the frequency of routes and the reach of this system, the noise disruptions could be significant, extensive and virtually Bay-wide, possibly introducing "harassment" of aquatic species.

FOR EIR SCOPE: Pursuant to the California Environmental Quality Act (CEQA), which requires analysis of all potentially significant environmental impacts of a proposed project, I request that the Environmental Impact Report (EIR) for the proposed high-speed ferry terminal in Berkeley include a thorough assessment of noise pollution—both above and below water—generated by ferry operations – for both electric and diesel vessels. This analysis should address the specific impacts at the proposed Berkeley terminal, as well as the cumulative impacts associated with the current system of 10 terminals, as well as the full build-out of 26 terminals, as required under CEQA Guidelines §15130 regarding cumulative impacts. Given the well-documented sensitivity of aquatic and shoreline wildlife to noise pollution, particularly from high-speed vessels, the EIR must evaluate potential effects on local and migratory species, including those protected under state and federal law. This analysis is essential to ensure compliance with CEQA's mandate to avoid or mitigate significant environmental impacts wherever feasible.

SHIP STRIKES

Ship strikes are a known disruptor and cause of death for aquatic species. For example, 5 gray whales have recently stranded and died in the Bay Area. One was confirmed due to a ship strike[35]. High-speed vessels, particularly quiet electric ferries, pose an increased risk to whales and other aquatic species due to reduced detectability. The WETA ferry system currently has 10 Terminals and plans to expand to 26 total. Every additional Terminal, with multiple routes per day multiplies the threat to marine mammals and other wildlife.

FOR EIR SCOPE: I request that the EIR specifically evaluate the risk of ship strikes and other disruptions due to turbulence on all aquatic species, across the entire ferry system, specifically, for ferries at (a) just the Berkeley site, (b) ferries cumulatively across the existing 10 Terminals, and (c) ferries cumulatively across the proposed expanded 26 Terminals.

The Marine Mammal Center (https://www.marinemammalcenter.org) conducts important research on ship strikes. I request that the EIR team reach out to them for input and guidance on this important topic.

ENERGY EFFICIENCY and GREEN HOUSE GASES

At community meetings early-on in the planning of the proposed pier-ferry, we in the community (myself included) asked several times for information about energy efficiency of the

[35] "Fifth dead whale found in San Francisco Bay" by Ryan Mense at KRON4, April 21, 2025. https://www.kron4.com/news/bay-area/fifth-dead-whale-found-in-san-francisco-bay/

ferries. To date we have not received an answer. We want to know how much energy the ferries - diesel and electric - use per passenger mile (expressed as BTUs per passenger mile). We want to compare that efficiency with other forms of transit for crossing the Bay (e.g. BART, or a fully loaded bus) to determine if the ferry is the environmentally superior alternative.

Second, while the ferry has been described as an all-electric "zero emission", the generation of the energy to supply the batteries will likely involve burning of fossil fuels off site, generating GHGs. In addition, many ferry riders will drive a gasoline-powered car to the Marina to take the ferry (instead of walking or biking to their local bus or BART stop), emitting GHGs.

FOR EIR SCOPE: Pursuant to CEQA Guidelines § 15126.2(b) and Appendix F, I request that the Environmental Impact Report (EIR) for the proposed high-speed ferry terminal include a comprehensive analysis of energy use and energy efficiency associated with both the construction and operation of the project. This should include, but not be limited to, fuel consumption for ferry vessels, electricity and energy demands of terminal facilities, and any supporting infrastructure. I request that the energy use (for the ferries, expressed as BTUs per passenger mile) be compared with other forms of transit across the Bay (e.g. BART). The analysis should evaluate whether the project would result in wasteful, inefficient, or unnecessary consumption of energy.
I also request that a comprehensive evaluation of GHGs emitted, off-site for powering the ferries & their operations, as well as locally from the fuel for passenger vehicles.

SHORELINE DISTURBANCE and TURBIDITY

I remain extremely concerned that the proposed high-speed ferry system will significantly increase disturbance and turbidity along our Bay shoreline, degrading the biological stability of the shoreline and negatively impacting biological resources, including benthic organisms, birds that hunt along the shallow shoreline and the fish that anglers depend on.

FOR EIR SCOPE: I request that the EIR for the proposed high-speed ferry terminal include a detailed analysis of the potential for increased shoreline disturbance and turbidity resulting from ferry operations. This analysis should address localized impacts near the proposed terminal in Berkeley, including wake-induced erosion, sediment resuspension from vessel prop wash, and degradation of nearshore habitats. In addition, consistent with CEQA Guidelines § 15130, the EIR should evaluate the cumulative impacts of the existing and proposed ferry system—currently 10 terminals and potentially up to 26 in the future—on shoreline integrity and water quality throughout the Bay. Repeated vessel activity can contribute to long-term habitat degradation, reduced water clarity, and the loss of biologically important intertidal zones, particularly in shallow or enclosed areas.

Best regards,
Erin Diehm

REVIEW SUMMARY

NOISE POLLUTION

The soundscape of the Anthropocene ocean

Carlos M. Duarte*, Lucille Chapuis, Shaun P. Collin, Daniel P. Costa, Reny P. Devassy, Victor M. Eguiluz, Christine Erbe, Timothy A. C. Gordon, Benjamin S. Halpern, Harry R. Harding, Michelle N. Havlik, Mark Meekan, Nathan D. Merchant, Jennifer L. Miksis-Olds, Miles Parsons, Milica Predragovic, Andrew N. Radford, Craig A. Radford, Stephen D. Simpson, Hans Slabbekoorn, Erica Staaterman, Ilse C. Van Opzeeland, Jana Winderen, Xiangliang Zhang, Francis Juanes

BACKGROUND: Sound is the sensory cue that travels farthest through the ocean and is used by marine animals, ranging from invertebrates to great whales, to interpret and explore the marine environment and to interact within and among species. Ocean soundscapes are rapidly changing because of massive declines in the abundance of sound-producing animals, increases in anthropogenic noise, and altered contributions of geophysical sources, such as sea ice and storms, owing to climate change. As a result, the soundscape of the Anthropocene ocean is fundamentally different from that of preindustrial times, with anthropogenic noise negatively impacting marine life.

ADVANCES: We find evidence that anthropogenic noise negatively affects marine animals. Strong evidence for such impacts is available for marine mammals, and some studies also find impacts for fishes and invertebrates, marine birds, and reptiles. Noise from vessels, active sonar, synthetic sounds (artificial tones and white noise), and acoustic deterrent devices are all found to affect marine animals, as are noise from energy and construction infrastructure and seismic surveys. Although there is clear evidence that noise compromises hearing ability and induces physiological and behavioral changes in marine animals, there is lower confidence that anthropogenic noise increases the mortality of marine animals and the settlement of their larvae.

OUTLOOK: Anthropogenic noise is a stressor for marine animals. Thus, we call for it to be included in assessments of cumulative pressures on marine ecosystems. Compared with other stressors that are persistent in the environment, such as carbon dioxide emitted to the atmosphere or persistent organic pollutants delivered to marine ecosystems, anthropogenic noise is typically a point-source pollutant, the effects of which decline swiftly once sources are removed. The evidence summarized here encourages national and international policies to become more ambitious in regulating and deploying existing technological solutions to mitigate marine noise and improve the human stewardship of ocean soundscapes to maintain a healthy ocean. We provide a range of solutions that may help, supported by appropriate managerial and policy frameworks that may help to mitigate impacts on marine animals derived from anthropogenic noise and perturbations of soundscapes. ■

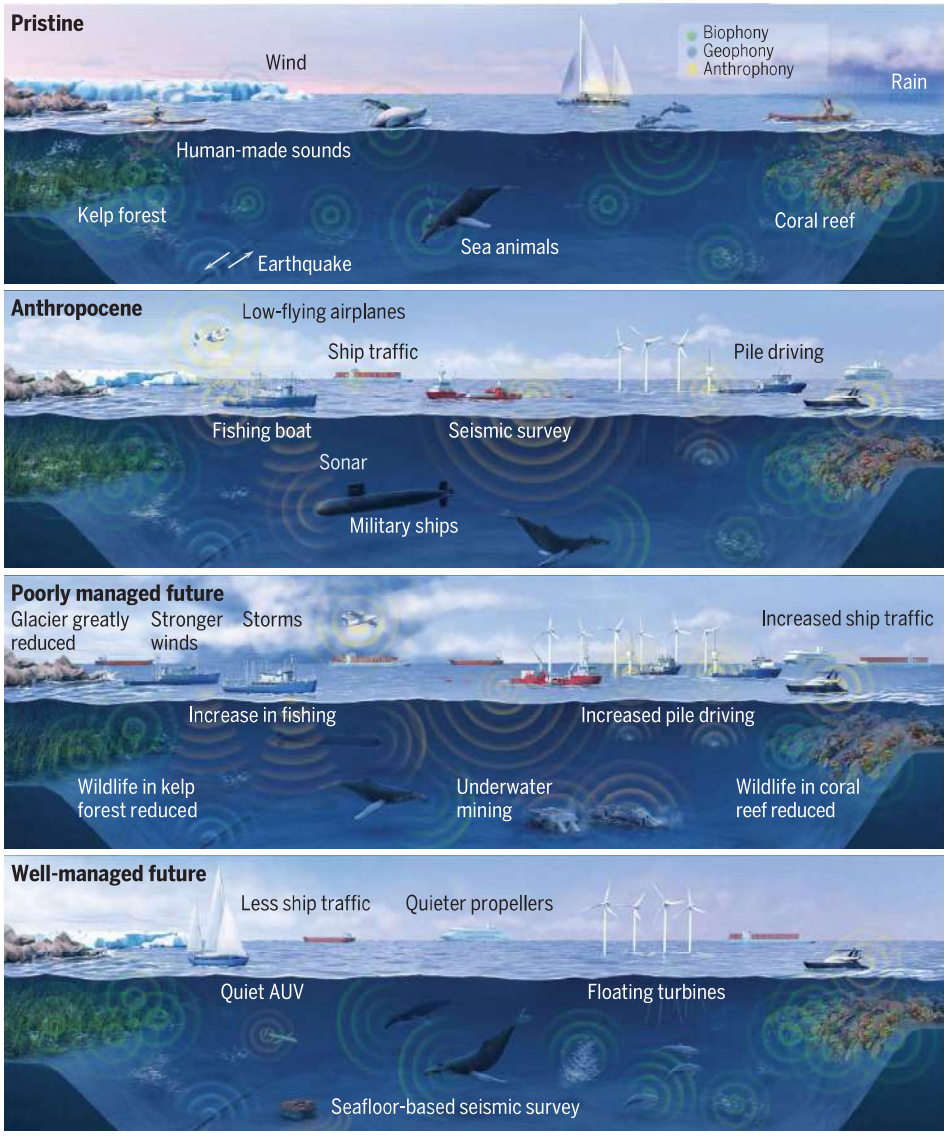


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Changing ocean soundscapes. The illustrations from top to bottom show ocean soundscapes from before the industrial revolution that were largely composed of sounds from geological (geophony) and biological sources (biophony), with minor contributions from human sources (anthrophony), to the present Anthropocene oceans, where anthropogenic noise and reduced biophony owing to the depleted abundance of marine animals and healthy habitats have led to impacts on marine animals. These impacts range from behavioral and physiological to, in extreme cases, death. As human activities in the ocean continue to increase, management options need be deployed to prevent these impacts from growing under a "business-as-usual" scenario and instead lead to well-managed soundscapes in a future, healthy ocean. AUV, autonomous underwater vehicle.

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REVIEW

NOISE POLLUTION

The soundscape of the Anthropocene ocean

Carlos M. Duarte[1,2]*, Lucille Chapuis[3], Shaun P. Collin[4], Daniel P. Costa[5], Reny P. Devassy[1], Victor M. Eguiluz[6], Christine Erbe[7], Timothy A. C. Gordon[3,8], Benjamin S. Halpern[9,10], Harry R. Harding[11], Michelle N. Havlik[1], Mark Meekan[8], Nathan D. Merchant[12], Jennifer L. Miksis-Olds[13], Miles Parsons[8,7], Milica Predragovic[1], Andrew N. Radford[11], Craig A. Radford[14], Stephen D. Simpson[3], Hans Slabbekoorn[15], Erica Staaterman[16], Ilse C. Van Opzeeland[17], Jana Winderen[18], Xiangliang Zhang[19], Francis Juanes[20]

Oceans have become substantially noisier since the Industrial Revolution. Shipping, resource exploration, and infrastructure development have increased the anthrophony (sounds generated by human activities), whereas the biophony (sounds of biological origin) has been reduced by hunting, fishing, and habitat degradation. Climate change is affecting geophony (abiotic, natural sounds). Existing evidence shows that anthrophony affects marine animals at multiple levels, including their behavior, physiology, and, in extreme cases, survival. This should prompt management actions to deploy existing solutions to reduce noise levels in the ocean, thereby allowing marine animals to reestablish their use of ocean sound as a central ecological trait in a healthy ocean.

Soundscapes, defined as "ambient sound in terms of its spatial, temporal, and frequency attributes, and the types of sources contributing to the sound field" (*1*), are changing rapidly in the Anthropocene. In contrast to the long-standing recognition of the effects of anthropogenic sound in terrestrial systems (*2*), the impacts of changing ocean soundscapes on marine animals have received relatively limited attention. This neglect percolates reviews of cumulative stressors (*3*, *4*) and drivers of global change in the ocean (*5*, *6*), as well as scientific assessments (*7*) and policy frameworks [United Nations Convention on Biological Diversity (UNCBD), UN Convention for the Law of the Sea (UNCLOS), UN Sustainable Development Goals (UN SDGs)] aimed at improving ocean conservation and sustainability. Given the rapid pace of change in ocean soundscapes, we argue that there is an urgent need to assess the evidence for impacts of anthropogenic noise on marine life, which will enable policy frameworks to mitigate human impacts on ocean soundscapes as a necessary foundation for a healthy ocean.

Here, we review how the changing ocean soundscape of the Anthropocene is affecting marine life. We do so by first summarizing our current understanding of the importance of sound to marine animals and the components and ecological relevance of undisturbed ocean soundscapes. We show how ocean soundscapes are changing in the Anthropocene and assess, on the basis of a systematic review of four decades of published research, the evidence for the resulting impacts on marine animals. We then discuss how available solutions, if supported by appropriate managerial and policy frameworks, may help mitigate impacts on marine animals that arise from anthropogenic noise and perturbations of soundscapes.

Hearing the ocean soundscape

Sound propagates relatively fast and far under water, carrying information over greater spatial scales than most other sensory cues such as light or chemicals (*8*). As a result, marine animals have evolved a wide range of receptors to detect sound, which have been well studied for marine mammals but have been only recently described for invertebrates, such as jellyfish (*9*, *10*) (Fig. 1). Hearing in marine animals (Fig. 1) ranges from marine invertebrates, fishes, and reptiles, which perceive sounds of relatively low frequency (generally <5 kHz), to cetaceans, which can detect high-frequency (up to 200 kHz) sound (Figs. 1 and 2B). The hearing range of marine animals is a key determinant of their potential responses to different components of ocean soundscapes and their vulnerability to impacts from different sources of underwater noise (Fig. 2B).

Before the Industrial Revolution, ocean soundscapes were largely composed of sounds from geological (geophony) and biological sources, produced both intentionally and unintentionally (biophony), with minor contributions from human sources (anthrophony). Understanding the contexts and relative contributions of these sound sources provides key insights into how anthropogenic changes to ocean soundscapes may affect marine life and the overall health of the ocean.

Weather conditions and geological processes make important contributions to marine soundscapes. Wind blowing over the ocean, waves breaking, rain or hail falling onto the sea surface, and gas bubbles vibrating, rising, and bursting at the surface all generate characteristic sound spectra [(*11*, *12*); Fig. 2A]. In polar regions, seasonal processes like ice melting, pressure cracking, and iceberg calving dominate soundscapes (*13*), and noise from earthquakes, undersea volcanoes, and hydrothermal vent activity (*14*) potentially propagate thousands of kilometers [(*15*); Fig. 2A]. Each of these geophonic components produces sound over different frequencies and spatial and temporal scales (Fig. 2A), which is, therefore, perceived differently by various types of animals (Fig. 2B).

Marine animals intentionally produce sounds ranging from infrasonic (<20 Hz) to ultrasonic (>20 kHz), although most are emitted between 10 Hz and 20 kHz and are audible to a wide range of taxa (Fig. 2B). These sounds may be frequency and/or amplitude modulated and can be emitted as single pulses or occur in regular sequences or temporal patterns, such as pulse trains of fish calls and melodic phrases of whale songs. The continuous singing of single individuals, the gregarious chorusing of a group, or the collective sounds of some animals foraging or moving (e.g., urchins or crabs across a reef) can increase sound levels in particular frequency bands. Biophony may also be modulated by changes in weather, currents, and other factors, exemplified by the cessation of fish chorusing due to the passage of a hurricane (*16*).

Animals produce sounds for a range of reasons, including navigation, foraging, agonistic displays, territorial defense, mate attraction, and reproductive courtship (*17*–*19*). For example,

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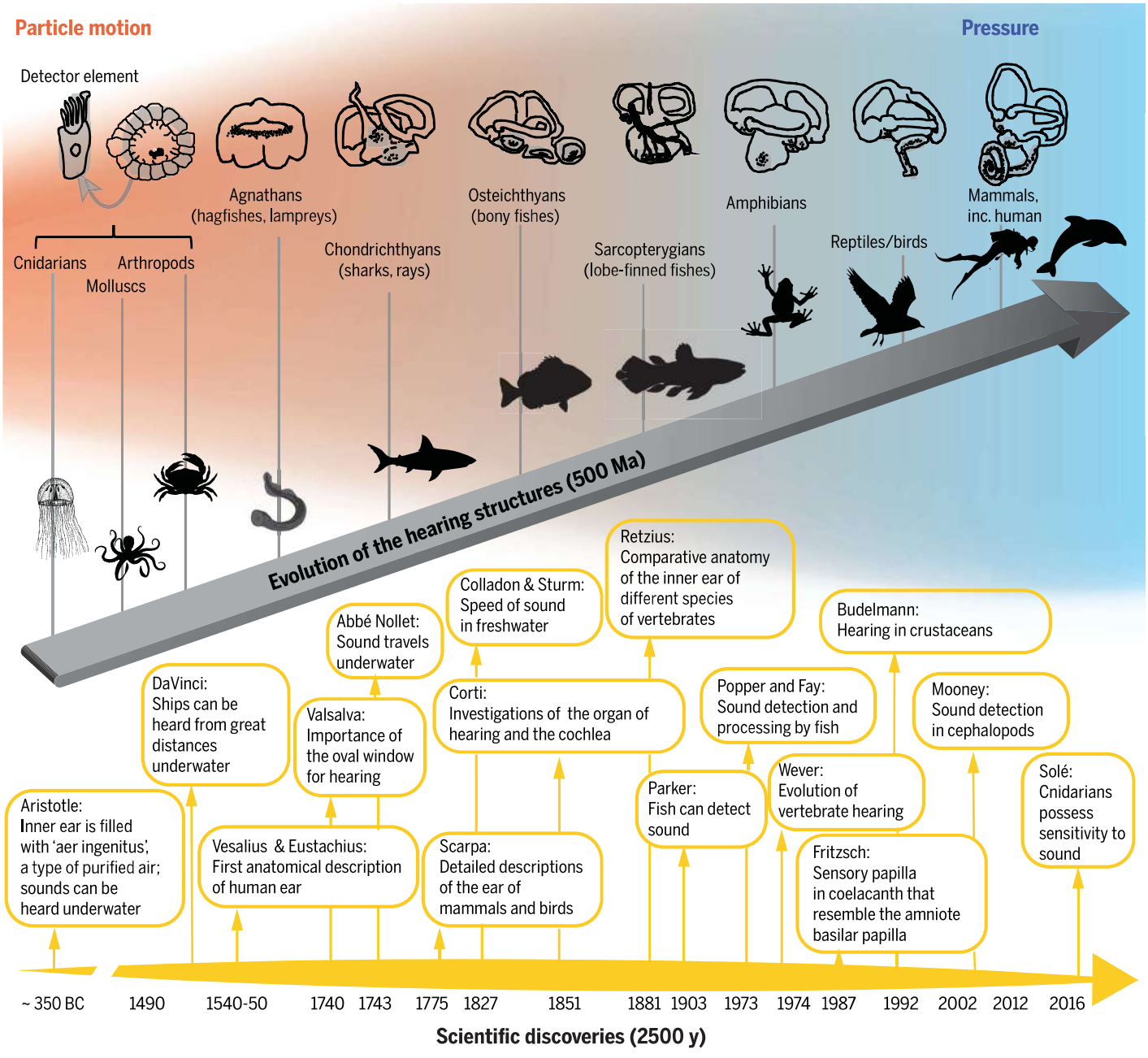


Fig. 1. Evolution of hearing under water and timeline of scientific advances. Evolution and timeline events are from (*129*). Hair cells as a mechanosensory receptor for hearing appeared early in the evolution of animals (*10*), evolving from invertebrate statocysts, which detect gravity and vibrations underwater, to fish ears, which perceive sounds of relatively low frequency (<5 kHz). Some bony fishes (Osteichthyes) have evolved ancillary hearing structures that connect the ear with the swim bladder, increasing hearing bandwidth and sensitivity (*25*). When marine tetrapods moved onto land, acoustic organs, adapted to hearing sound as pressure waves (*89*), evolved to compensate for communication in air, a lower-density medium, which slowed the movement of sound waves relative to water. Impedance-matching structures, or tympanic middle ears, appeared independently in reptiles, birds, and mammals (*90*), increasing the overall sensitivity of hearing to exceed, in some mammals, 50 kHz. Further changes in the pressure-sensing ear occurred as reptiles and mammals returned to the ocean (*130*). In toothed whales, the middle ear evolved to receive sound passing through the fatty tissues in the jaws, an effective means of conduction that increases the upper hearing limit of these mammals to 200 kHz (*131*). Ma, million years ago; y, years.

male toadfish guard benthic nests and produce "hums" to attract females, rendering these sounds key components of some night-time soundscapes [e.g., (*20*, *21*)]. Fishes—such as Atlantic cod (*Gadus morhua*), croakers (Sciaenidae), and groupers (Serranidae)—use sounds to gather in large aggregations and coordinate spawning activities (*22*–*24*). Marine mammals use vocal communication to aid in mating, rearing of young, and group cohesion, among other social (*25*) and feeding functions (*26*). Pinnipeds produce sounds both in air and under water that are associated with territorial and mating behavior, particularly during the breeding season (*27*). Bearded seals (*Erignathus barbatus*), for example, produce frequency-modulated trills, which are a major component of Arctic soundscapes in spring (*28*). Baleen whales produce low-frequency reproductive and social calls that can travel across ocean basins (*29*), with humpback whales

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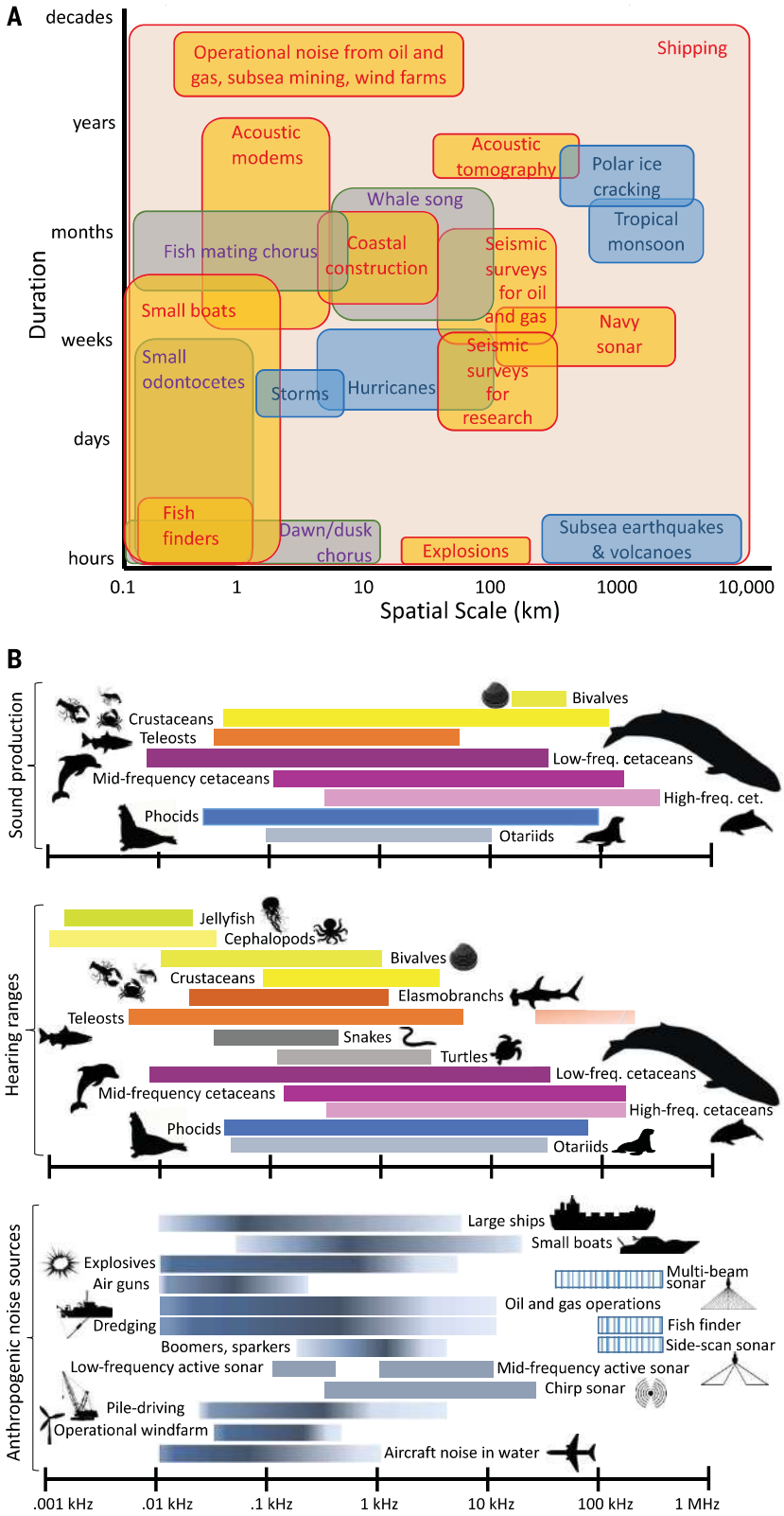


Fig. 2. Sources and animal receivers of sound in the ocean soundscape. (**A**) Stommel diagram showing the spatial extent and duration of selected biophony (rounded gray squares), geophony (rounded blue squares), and anthrophony (rounded yellow squares) events. Events (rounded squares) reflect the spatial and temporal period over which signals or bouts of signals typically occur. Although some sound sources, such as those used in hydrographic surveys, do not propagate particularly far, survey efforts can cover a large spatial extent (an entire Exclusive Economic Zone). "Dawn/dusk chorus" refers to the daily sounds produced by a collection of species (e.g., fish, snapping shrimp). Shipping noise encompasses the full range of spatial and temporal scales. (**B**) Approximate sound production and hearing ranges of marine taxa and frequency ranges of selected anthropogenic sound sources. These ranges represent the acoustic energy over the dominant frequency range of the sound source, and color shading roughly corresponds to the dominant energy band of each source. Dashed lines represent sonars to depict the multifrequency nature of these sounds. Sources for the data displayed in the figures are (*9*, *18*, *25*, *53*, *75*, *83*, *131*–*139*).

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(*Megaptera novaeangliae*) singing complex songs as part of male reproductive displays that have regional dialects and change over time (*30*).

Marine animals also produce mechanical sounds, such as those produced by the impact of different body parts on environmental substrates (e.g., breaching, tail slaps), which often convey information about body mass and size (*31*) and movement and foraging behaviors (*32*, *33*). Sea urchins and parrotfishes, for example, make scraping or crunching sounds as a by-product of foraging that occur in predictable peaks associated with tidal or diurnal cycles (*34*, *35*). Other animals use sound to forage. Snapping shrimps produce a "snap" sound to stun prey, which creates a loud "crackling" sound that is present in many coastal habitats that support dense colonies of these shrimps (*36*). Odontocetes, such as sperm whales (*Physeter macrocephalus*) and various species of dolphins and porpoises, also possess sophisticated biosonar systems that produce sounds to echolocate, select, and pursue prey under water (*26*).

The diversity, composition, and density of the biophonic community are key components of the soundscape ecology paradigm, which seeks to identify habitats and assess their health status using sound. An ecological role for ocean soundscapes is supported by the fact that many species use ocean soundscapes as a cue to find their habitats at key life stages. For example, larvae and juveniles of some invertebrate and vertebrate reef species use soundscapes as a navigational cue to locate suitable settlement habitats (*37*). Indeed, the distinctive sound-producing structures or organs of marine animals provide, in many cases, an acoustic fingerprint that aids their identification within soundscapes, allowing for inferences on their identity, behavior, and sometimes relevant life history and physical traits (*38*–*40*).

Advances in acoustic-recording technology allow ocean soundscapes to be characterized for longer periods of time and at greater depths than previously possible (*36*). In parallel, new tools for soundscape analysis facilitate both species-specific call recognition and summative approaches to resolve the entire acoustic spectrum. Despite this progress, the paradigm that soundscapes can be used as proxies for ecosystem health, developed for terrestrial ecosystems (*41*), has been applied to the marine environment with only limited success [e.g., (*42*, *43*)]. In some cases, sound-pressure levels in low frequencies correlate positively with visual measures of fish diversity, coral cover, and invertebrate abundance (*44*, *45*). Efforts to reduce the dimensionality of a complex soundscape to a single number that reflects the diversity or complexity of a soundscape [e.g., (*46*)] may provide useful biological information (*27*, *42*) but cannot be readily generalized, because the results obtained are highly sensitive to parameterization (*47*). Instead, multiple indices relating to characteristics of individual sounds can be combined to provide an indication of the contribution of particular sound types (*48*). Overall, assessments of ocean soundscapes demonstrate a growing contribution of human activities across the ocean (Fig. 3).

The soundscape of the Anthropocene ocean

Human activity has altered biophony and geophony and has, either deliberately or as a by-product, added an increasingly prevalent third component—anthrophony—across a broad range of frequencies to ocean soundscapes (*2*) (Fig. 2B). Examples of deliberate human use of marine sound include seismic surveys that produce high-energy, low-frequency, short-duration sounds aimed at detecting the presence of petroleum and gas deposits below the seafloor, as well as multibeam echosounders and side-scan sonars that generally produce high-frequency sounds to map the seabed and

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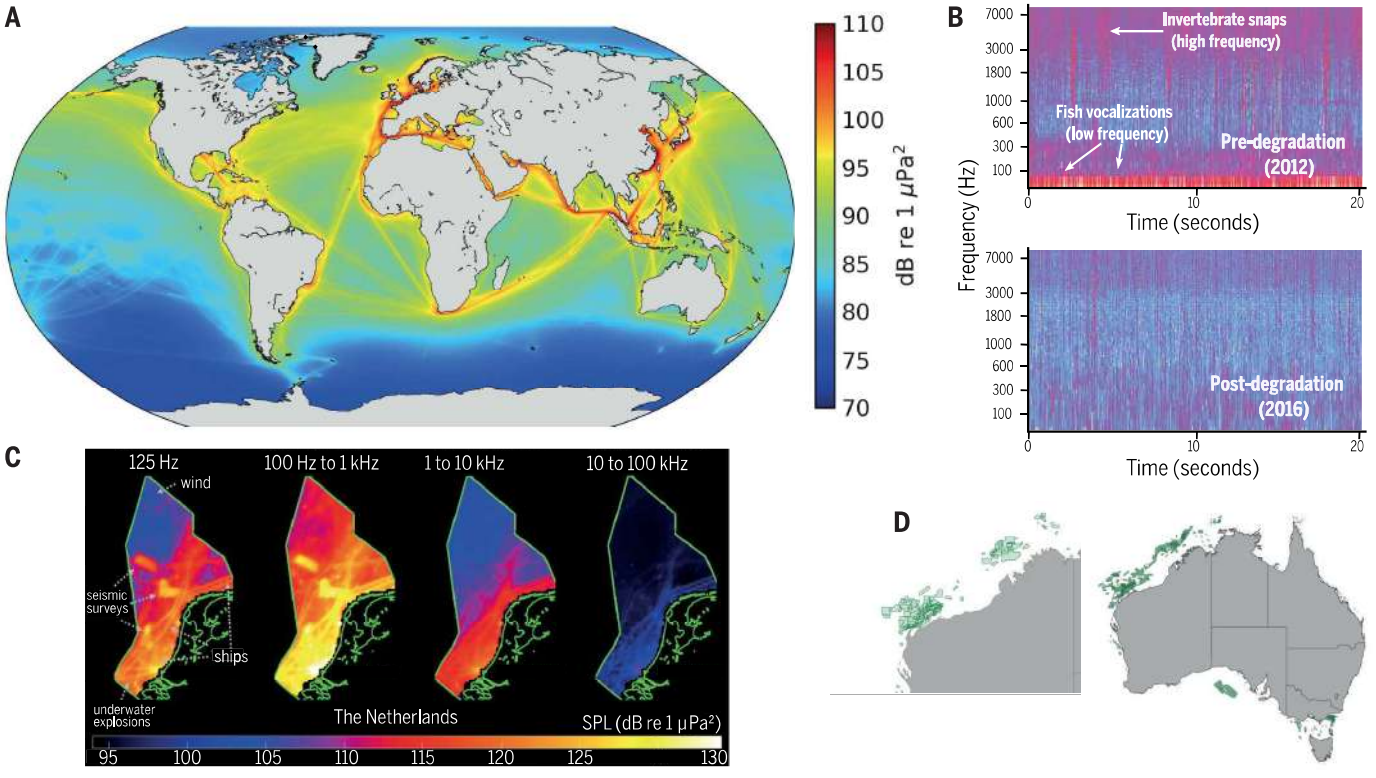


Fig. 3. Human pressures have altered ocean soundscapes at scales ranging from local to global. (**A**) Average sound level estimated globally from marine traffic (at 100 Hz), based on average shipping activity directed from automatic identification system (AIS) data for 2014. (**B**) Sound-pressure levels pre- and postdegradation at sites around Lizard Island in the Great Barrier Reef (*62*). (**C**) Sound levels in four different frequency bands in the Dutch North Sea, averaged over 2 years [adapted from (*140*)]. (**D**) Boundaries of three-dimensional seismic surveys in northwest Australia (left) and seismic lines of two-dimensional surveys in all Australian waters (right) since 1973 (data from wapims.dmp.wa.gov.au/wapims and https://nopims.dmp.wa.gov.au/nopims).

detect organisms and particles in the water column. These sensing techniques are, at times, a major component of present ocean soundscapes in many areas, especially those holding oil and gas reservoirs (*49*, *50*), such as the continental shelf of northwestern Australia and the North Sea (Fig. 3D). Across the ocean, scientific surveys use similar tools to map the seabed and identify geological features, fishers use "fish finders" to search for schools of fish, and navies use active sonars across a range of frequencies to detect submarines and other targets.

Much of anthrophony is an unintended by-product of human activities (Figs. 2 and 3), which are intensifying across the ocean. Over the past 50 years, increased shipping has contributed an estimated 32-fold increase in the low-frequency noise present along major shipping routes (*51*) (Figs. 2 and 3). Vessel noise is prominent in many ocean regions even away from major shipping lanes, owing to long-range sound propagation at low frequencies, although some areas display stable or even decreasing sound levels in targeted frequency bands (*52*). Whereas vessel noise does not propagate as far in shallow coastal waters, the higher vessel concentration often increases noise considerably above ambient levels in coastal regions.

Further anthrophony comes as an unintended by-product of less frequent, but still common, human activities associated with coastal development and resource extraction. Traffic on structures like bridges and airplanes flying at low altitude over the ocean produce low-level, continuous noise that can penetrate under water (*53*). Pile-driving during the construction of offshore wind farms can substantially increase local sound levels (*54*), but the operational noise of turbines tends to attenuate below ambient levels of natural sound within a few hundreds of meters of wind farms (*55*). Similarly, construction and operation of oil and gas infrastructure (e.g., platforms, pipelines) increase anthrophony (*56*). The dynamic positioning systems (i.e., propellers and thrusters) used to maintain the position of offshore structures, such as drilling platforms, produce low-frequency noise (*57*). Technology that scrapes the bottom of the ocean—whether dredging the seafloor, harvesting minerals, or trawling for fisheries—also generates low-frequency noise (*58*). Dynamite fishing, designed to stun or kill reef fish for easy collection, remains a major source of blasting noise in Southeast Asia and coastal Africa, and controlled detonation of bombs dropped on the seafloor during World War II continues, more than 70 years later, to be a major source of disruptive and destructive sound in the North Sea (Figs. 2 and 3). Explosions of mines, missiles, and bombs during naval warfare or military exercises also represent a source of destructive sound. On a small scale, even coastal recreational activities—such as small motorboats, swimming, SCUBA diving, surfing, paddling, flying unmanned aerial vehicles (drones), or fireworks—contribute anthrophony to marine soundscapes (*59*–*61*).

Humans have also profoundly altered biophony and geophony in ocean soundscapes. Hunting of large marine animals, particularly highly vocal whales and pinnipeds, which began hundreds of years ago, has led to reduced and less diverse biophony in ocean soundscapes of the present. Sound levels of natural soundscapes decrease with the degradation of kelp forests, seagrass beds, coral reefs, and sponge beds, owing to fewer vocalizing animals (*62*–*66*). Biophony may also be reduced where soundscapes are heavily polluted by anthrophony as animals cease vocalizing or are displaced from ecosystems.

Climate change is increasing the number of cyclones and marine heatwaves that degrade marine habitats, which, in turn, may alter biophony. For example, degradation of coral reefs associated with these events dramatically changes ambient soundscapes, with the altered composition of the biotic community reflected in reduced overall acoustic energy and the complexity and diversity of reef soundscapes (*46*). Changes in the distributions of species with ocean warming also shift biophony. For example, reduced sea ice in the Arctic allows the range expansion of temperate whale species that compete for acoustic niche space with Arctic species, such as beluga whales (*Delphinapterus leucas*) (*67*). In addition, climate change directly affects the temperature, heat content, and stratification of the ocean, with sound traveling faster in a warmer ocean, to the extent that long-range acoustic transmissions have been used to measure large-scale ocean temperature and heat content—a phenomenon that W. Munk termed "the sound of climate change" (*68*). Ocean warming also affects geophony in polar areas through decreasing sea ice cover, with the soundscape of a progressively ice-free Arctic Ocean departing from that of the ice-covered Arctic Ocean of the past (*69*, *70*). High sound levels occur during periods of ice formation, whereas polar soundscapes are very quiet in the high-frequency range during periods of solid ice coverage (*71*). Ice-free waters will also likely lead to increased anthrophony through greater ease of human access and activity (shipping, fishing, and seismic surveys) in a warming Arctic Ocean. An increased inflow of shallow "tongues" of warm, salty Pacific and Atlantic waters into the Arctic Ocean is also dramatically altering the acoustic environment by creating a local maximum in the sound speed profile at the depths between 100 and 200 m. This water layer acts as a strong acoustic duct, channeling sound across distances of 80 to 100 km (*69*), with comparable effects reported in coastal areas receiving glacial melt waters. In the tropics, climate change may increase geophony levels because of increased winds, rainfall on the surface, and waves as the energy of tropical storms increases. Greenhouse gas emissions also change sound propagation in the ocean by decreasing pH as CO_2 levels increase, which is expected to lead to a noisier ocean, owing to substantial decreases in ocean sound absorption for frequencies lower than about 10 kHz (*72*, *73*).

Impacts of altered soundscapes in the Anthropocene ocean

Initial awareness of the impacts of the altered soundscapes of the Anthropocene ocean on marine life derived from evidence of injuries from high-intensity noise. This initial evidence focused on large iconic marine mammals (*25*) but has been expanded to include links between noise from military sonar, air guns, submarine explosions, and seismic surveys and hearing disabilities, mass strandings, and mortality of a number of marine animals (table S2).

Research on the ecological impacts of anthrophony has expanded to address the pervasive and prevalent impacts of chronic exposure to noise across vast spans of the ocean [table S2; (*74*)] and the potential impacts of anthropogenic noise on fishes (*75*–*79*), invertebrates (*80*, *81*), and whole marine ecosystems (*82*). Anthropogenic noise can interfere with natural auditory signal processing by marine animals, an effect termed "masking" (*83*), which reduces their communication space [see (*84*) for marine mammals, (*85*) for fishes]. Indeed, anthropogenic noise overlaps with the frequency band of hearing of marine animals across increasingly broad areas of the ocean (*86*–*88*) (Fig. 2). Masking of signals from conspecifics or environmental cues indicating the presence of prey or predators may result in loss of social cohesion, missed opportunities for feeding, or failure to avoid a predator (*25*).

The frequency content of vessel noise (Fig. 2) overlaps considerably with the hearing ranges of marine fauna (*20*), particularly those with sensitivity in relatively low-frequency ranges [e.g., fishes, some marine mammals, and reptiles (*20*, *25*, *89*–*91*)], where most of the noise energy lies. Shipping noise has been reported to disrupt traveling, foraging, socializing, communicating, resting, and other behaviors in marine mammals (*84*); attenuate antipredator behavior of young fishes, leading to increased mortality and reduced ability to learn to avoid predators in future encounters (*79*); and impact the settlement and development of invertebrates (*85*). A concurrent increase in anthrophony and decrease in biophony with habitat degradation and declines in populations of marine species also likely affects onshore

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larval movement patterns, and hence settlement success, across a range of species.

Given the potential for anthropogenic noise to detrimentally affect marine animals (*82*, *92*, *93*), we examined the robustness and consistency of the evidence for impacts of anthrophony and other human alterations to ocean soundscapes on marine animals through a systematic assessment of the results on this topic presented in the published literature (*94*). This generated a total of 538 studies that attempted to quantify the effects of anthropogenic noise and perturbations of soundscapes on marine animals. We adopted the confidence scale of the Intergovernmental Panel on Climate Change (IPCC) (*95*) to reflect the robustness of the evidence supporting various statements on the extent of the impacts.

There was high confidence that anthropogenic noise negatively affected marine animals (Fig. 4 and table S4). The evidence was strongest for marine mammals, for which 85 to 94% of quantitative studies found significant effects, with 82 and 81% of studies finding significant impacts on fishes and invertebrates, respectively, and the two studies available for reptiles and one of the two studies on marine birds reporting significant impacts on these animals (Fig. 4 and table S4). Noise from vessels (94.9% report significant impacts), sonars (90%), and acoustic deterrent devices (91%) negatively affects marine animals, as does noise from energy (8.23% of studies) and construction infrastructure (82.3%) and seismic surveys (74.4%) (Fig. 4 and table S4). Available data provide ample evidence that noise pollution compromises hearing ability (90.6% of studies report significant impacts), induces physiological changes (91.2%), and elicits evasive actions and displaces marine animals (83.9%) (Fig. 4 and table S4). By contrast, evidence for impacts of anthropogenic noise on mortality and fitness of marine animals is weaker, with 35.2 and 50% of studies reporting significant impacts, respectively (Fig. 4 and table S4). All quantitative studies conducted thus far provide evidence that changes in biophony reduce the settlement of marine larvae, but the number of quantitative studies testing impacts on settlement remains limited (n =7; table S4).

Our assessment revealed that despite the large volume of literature on the impacts of anthropogenic noise on marine animals, there is a paucity of quantitative assessments for diving marine reptiles and seabirds and only a limited number of studies on pinnipeds and sirenians (Fig. 4). Likewise, the evidence supporting that changes in biophony resulting from habitat degradation reduce the settlement of marine larvae on preferred habitats was weakened by the few studies available. The evidence for impacts on animals exposed to multiple sources of anthropogenic noise was also small, limiting the assessment for cumulative impacts. In addition, we found a very limited number of studies testing the effectiveness of mitigation measures, which makes it difficult to provide confidence on their performance. This may preclude these mitigation measures from being adopted by national and international policies aimed at reducing the impacts of anthropogenic noise on marine life. The gaps identified in our systematic review underscore areas where research efforts should focus to provide a comprehensive understanding of the impact of anthropogenic noise on marine animals, integrate these impacts to assess population-level consequences from chronic exposure to anthropogenic noise, and deliver effective mitigation measures.

In addition to controlled experiments, global disruptions offer an opportunity for serendipitous observations of the effect of anthropogenic noise on marine life at scale. For instance, reduced ship traffic in the Bay of Fundy, Canada, after the events of 11 September 2001 resulted in a 6-dB decrease in underwater noise, particularly at frequencies less than 150 Hz, with some evidence suggesting that this reduced stress in right whales (*Eubalaena glacialis*) (*96*). Likewise, strategies to combat

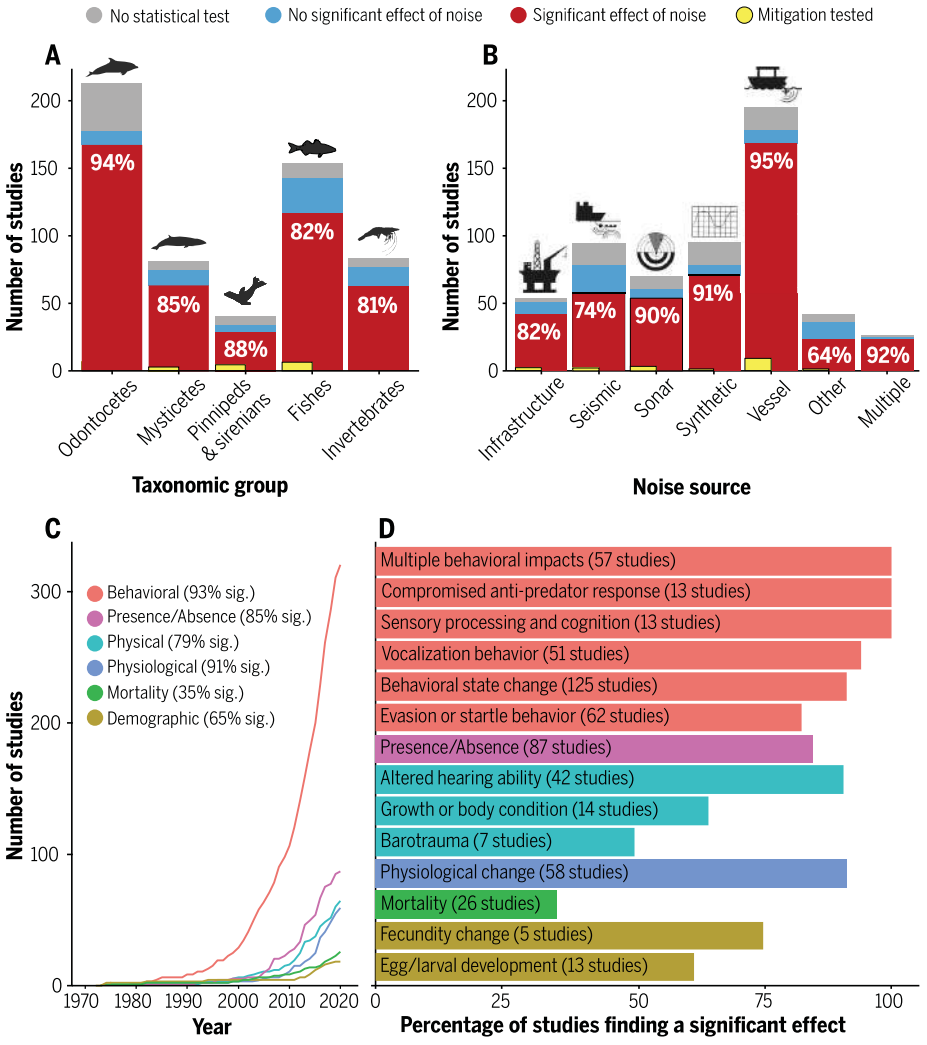


Fig. 4. Synthesis of the negative impacts of noise pollution on marine animals present in the literature. The estimates provided here derive from a systematic literature review [(*74*), compare supplementary materials]. (**A** and **B**) Total number of studies found, split by (A) taxa (excluding birds and reptiles, which together accounted for only six studies) and (B) noise source. Colors indicate the proportion of different statistical outcomes (red, significant negative effect of noise; blue, no significant effect of noise; gray, no statistical test) and the proportion of studies that seek to directly test the impact of noise-mitigation strategies such as bubble curtains and altered engine types (yellow). White numbers indicate the percentage of studies with a statistical test (red plus blue) that find a significant effect of noise (red). (**C**) Cumulative frequency curves over time of all studies, split by effect category. Searches were carried out from 1900 to 2020, but no records that met the criteria were found before 1973. (**D**) The percentage of studies in each subcategory that found a significant effect of noise, calculated as a fraction of the total number of studies with a statistical test.

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COVID-19 infections, which involved confinement of about 58% of the global human population, have also provided ample evidence of an unusual expansion of the movements of marine mammals and sharks to what were previously busy, noisy waterways, such as harbors and coastal urban areas, where they are not regularly seen (*97*). This unusual behavior has been linked to reduced anthropogenic noise during human confinement (*98*, *99*).

Marine animals may recover from and cope with intense anthropogenic noise through avoidance behavior or habituation (*100*, *101*). The former behavior is a common response of marine animals to potentially damaging or disruptive levels of anthrophony but may displace species from important foraging grounds (*100*) and is not always possible for species that have high site fidelity and small biogeographical ranges, such as the critically endangered Maui dolphin (*Cephalorhynchus hectori maui*) (*102*), or slow-moving species, like benthic invertebrates, which have a limited scope to avoid noise. When hearing damage occurs from loud noises, fish may recover better than marine mammals because hair cells regrow in fish but are unlikely to regenerate in mammals (*103*). Avoidance behavior by fish in response to the approaching sound of fishing vessels is well documented (*103*). However, this may also be induced by sounds from recreational boats, resulting in flight responses and interruption of foraging, reproductive, or vocalizing activities (*104*). Conversely, it is possible that some predatory marine mammals and large fishes may use the sound of vessels as a "dinner bell" alerting of opportunities to depredate catch from fishing boats (*105*, *106*). These examples provide evidence for behavioral plasticity or acclimation but do not provide evidence for evolutionary adaptation, which requires observational time scales that have not yet been achieved in soundscape ecology.

Marine mammals may adapt to anthrophony, but the long life span and large home ranges of many marine mammals render assessment of adaptations to noise challenging. For instance, some mammals—such as killer whales (*Orcinus orca*), right whales (*Eubalaena* spp.), and Guiana dolphins (*Sotalia guianensis*)—and fishes have been shown to alter the source level or frequency of vocalizations in order to be heard, a phenomenon known as the Lombard or cocktail party effect (*107*–*110*). Habituation, in the form of increasing tolerance, has been demonstrated for some species of marine mammals and fishes (*101*, *111*). In some situations, habituation may be considered a reduced response to stimuli that have no biological importance on the individual being observed (*112*), although disturbance involving a sensory modality that is so fundamental to most marine animals would not often be considered inconsequential.

Although our assessment shows that anthropogenic noise detrimentally affects marine animals, a lack of global syntheses of data has resulted in it being typically ignored in reviews of cumulative and/or global impacts of anthropogenic stressors on marine life (*3*, *5*, *6*, *113*) and consequently by the high-level policy initiatives (e.g., UNCBD, UNCLOS, UN SDGs) that these analyses inform. For instance, the draft of the UN Law of the Sea "BBNJ" Agreement on Biodiversity in Areas Beyond National Jurisdiction (*114*) does not mention noise among cumulative impacts, despite mandating an environmental impact assessment of activities in the high seas and the fact that anthropogenic noise was discussed at its 19th session of the process in June 2018. The last assessments of climate change impacts by the IPCC (*115*) have yet to acknowledge the impacts that climate change has on ocean soundscapes, whereas the recent IPCC report on oceans and the cryosphere acknowledges noise only in the context of increased human operations in the Arctic Ocean (*116*). Our review of existing evidence (Fig. 4) shows that anthropogenic noise should be included in assessments of cumulative pressures on marine ecosystems. Encouragingly, the Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services (IPBES) assessment acknowledges the role of shipping noise as a pollutant affecting marine life (*117*), but it makes no attempt to rank its contribution compared with other human impacts in the context of multiple stressors in the marine environment.

Pathways to healthy ocean soundscapes

Most anthrophony is "noise" in a biological sense, because it is an unnatural and unwanted signal. The evidence reviewed here shows that the impacts of human alterations to ocean soundscapes are pervasive across all ocean areas and detrimentally affect marine life (Fig. 4 and table S4). Anthropogenic noise is thus a pollutant that cannot be ignored and must be addressed in policies to mitigate human impacts on the oceans. This is particularly urgent given the growing focus on the ocean-based economy, which is forecasted to double its contribution to global gross domestic product by 2030 (*118*). This economy includes many new industries, such as deep-sea mining, that may be major sources of underwater noise. A "business-as-usual" development of the ocean-based economy will inevitably lead to ever-increasing noise from more shipping, coastal development, seismic surveys, military operations, dredging, pile driving, and deep-sea mining, likely contributing to increasing impacts on marine biota (Fig. 4). Yet, the High Level Panel for a Sustainable Ocean Economy (www.oceanpanel.org) has not considered anthropogenic noise in either of the Blue Papers addressing different dimensions of actions required to achieve SDG14 (www.oceanpanel.org/blue-papers), including that on integrated ocean management (*119*). The postponement, owing to COVID-19, of the UN Oceans Conference to 2021 provides an opportunity to consider the evidence summarized here, showing that the contribution of noise pollution to the declining status and health of ocean ecosystems is likely substantial [Fig. 4; (*120*)]. This is particularly timely, given that 2020—and now, because of COVID-19, 2021—is the International Year of Sound (sound2020.org). There are, however, solutions that can lead to healthier ocean soundscapes in the context of a sustainable ocean economy.

Improved human stewardship of ocean soundscapes requires regulatory frameworks designed to manage sound within exclusive economic zones and the high seas and promote the deployment of available technological solutions to reduce noise introduced by human operations in the marine environment. Because species-sensitivity distribution models (*120*) have not yet been generated, alternative approaches for the regulation of anthropogenic noise must be developed. However, unlike other sources of pollution, anthropogenic noise is not persistent in the environment once sources are removed. Consequently, legislative actions to reduce anthropogenic noise and incentivize the deployment of existing technological solutions can have near-immediate, positive effects.

It may be easier to instigate noise reduction of activities that produce sound as a by-product (e.g., shipping, construction), rather than intentionally (e.g., seismic surveys, military activities), through technological and/or regulatory measures, as demonstrated by recent progress in the shipping industry. In 2014, the International Maritime Organization approved voluntary guidelines for reducing underwater noise from commercial ships (www.imo.org/en/MediaCentre/HotTopics/Pages/Noise.aspx). These guidelines focused on design features that could reduce the primary sources of underwater noise, namely the propellers, hull form, and on-board machinery. Following these guidelines, in 2015, Maersk underwent a retrofit of five large container ships and found that reducing propeller cavitation decreased low-frequency sound pressure levels by 6 to 8 dB while improving fuel efficiency (*121*). In addition, the growing use of advanced materials, such as fiber-reinforced polymer composites, which have good dampening properties and are also lighter—thereby requiring less energy for propulsion—can also help to reduce ship noise. Another potential noise-reduction method is the use of electric motors which, with the development of solar power and

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battery storage, are increasingly installed on larger vessels (*122*). Although such technological improvements are promising, it is the ship-building companies, not necessarily the shipping companies, that need to adopt them, and there is currently no regulatory mechanism to incentivize a transition (*123*).

The cross-boundary nature of marine ecosystems and some sound sources (e.g., shipping) means that international cooperation is key. Yet, a review of 10 major international agreements that address noise (*124*) showed that all but one are voluntary in nature or offer both binding and nonbinding options for member nations; the exception is the European Union's Marine Strategy Framework Directive (MSFD), which explicitly includes noise as a stressor and mandates that European Union member states monitor and mitigate noise pollution as part of their efforts to obtain "good environmental status." A likely reason for the noncommittal nature of international agreements that address marine noise is the absence of a compelling assessment of the evidence of impacts, which we now provide (Fig. 4). Therefore, we hope that the strong evidence summarized here will increase the ambition of national and international policies that regulate marine noise to achieve soundscapes conducive to healthy oceans across exclusive economic zones and the high seas.

Meanwhile, regulating the speed and routes of ships can help reduce noise and/or divert impacts away from biologically sensitive areas. For example, reducing steaming speeds for noisy vessels in the major shipping route(s) in the eastern Mediterranean from 15.6 to 13.8 knots led to an estimated 50% reduction in the broadband noise from these vessels between 2007 and 2013 (*125*). A recent assessment estimated that half of the total noise radiated by the shipping fleet comes from just 15% of the ships, particularly those with source levels above 179 dB re 1 μPa at 1 m [i.e., relative to the reference pressure of 1 μPa root mean square (*126*)]. Thus, a targeted approach with focused incentives could substantially reduce shipping noise. Marine construction, particularly for offshore wind farms, is achieving rapid advancements in noise-dampening technology. Acoustic barriers like bubble curtains and noise-abating sleeves have been introduced in some European wind farms and can reduce sound from pile driving by up to 15 dB (*127*). Indeed, both the European Union's MSFD and the U.S. National Marine Fisheries Service encourage the use of such technologies. Finally, the E&P Sound and Marine Life Programme, funded by a number of oil and gas companies, has invested in developing alternative technologies to seismic air guns (www.soundandmarinelife.org/). Marine vibrators ("vibroseis") produce sounds that are nonimpulsive and more narrow band in frequency than typical seismic air guns, potentially removing some of the more harmful acoustic attributes. Several companies are developing prototype vibroseis technology to be mounted on submarine vehicles that would roam the seafloor. These vehicles will use hydraulic systems to generate force waves that penetrate the sediments and deliver the required data while avoiding impacts on animals in the water column (*128*). As environmental constraints and impacts of deep-sea mining are discussed, there is an opportunity to design instruments and procedures that avoid impacts from noise before commercial operations begin (*128*).

Mitigating climate change in accordance with the most ambitious goals set by the Paris Agreement (https://unfccc.int/process-and-meetings/the-paris-agreement/the-paris-agreement) will also help reduce further impacts from climate change on geophony and biophony. However, the recent IPCC assessment of climate change impacts on oceans and the cryosphere indicates that sea ice will continue to decline, affecting soundscape features, and coral reefs will continue to degrade even if those climate goals are met (*116*), affecting biophonic components.

Sound is a fundamental component of the sensory environment of marine ecosystems, with animals across a broad range of taxa—from jellyfish to marine mammals—perceiving and using sound throughout their life history. Global industrialization of the ocean has led to the rise of anthrophony, whereas human impacts on marine species and ecosystems and the climate system have led to a decline in biophony and alterations to geophony. Substantially modified ocean soundscapes, in turn, have widespread impacts on the ecology of the Anthropocene ocean. These impacts are pervasive, affecting animals at all taxonomic and trophic levels, and compounded with impacts from other stressors, such as ocean warming, acidification, habitat loss, and overfishing. Changing ocean soundscapes have become the neglected "elephant in the room" of global ocean change. In an era when societies increasingly look to the "blue economy" as a source of resources and wealth, it is essential that ocean soundscapes be responsibly managed to ensure the sustainable use of the ocean. Solutions to mitigate anthropogenic noise, both in terms of policy and technological measures, are becoming available but remain challenging (*123*, *124*). Incorporation of these solutions in internationally binding conventions would pave the way for ocean soundscapes that support healthier ecosystems under a sustainable ocean economy.

REFERENCES AND NOTES

1. International Organization for Standardization (ISO) "Underwater acoustics—Terminology" (ISO 18405:2017, ISO, 2017).
2. B. C. Pijanowski, A. Farina, S. H. Gage, S. L. Dumyahn, B. L. Krause, What is soundscape ecology? An introduction and overview of an emerging new science. *Landsc. Ecol.* **26**, 1213–1232 (2011). doi: 10.1007/s10980-011-9600-8
3. B. S. Halpern *et al*., A global map of human impact on marine ecosystems. *Science* **319**, 948–952 (2008). doi: 10.1126/science.1149345; pmid: 18276889
4. P. W. Boyd, Beyond ocean acidification. *Nat. Geosci.* **4**, 273–274 (2011). doi: 10.1038/ngeo1150
5. C. M. Duarte, Global change and the future ocean: A grand challenge for marine sciences. *Front. Mar. Sci.* **1**, 1–16 (2014). doi: 10.3389/fmars.2014.00063
6. L. A. Levin, D. L. Breitburg, Linking coasts and seas to address ocean deoxygenation. *Nat. Clim. Chang.* **5**, 401–403 (2015). doi: 10.1038/nclimate2595
7. K. E. Ingeman, J. F. Samhouri, A. C. Stier, Ocean recoveries for tomorrow's Earth: Hitting a moving target. *Science* **363**, eaav1004 (2019). doi: 10.1126/science.aav1004; pmid: 30679339
8. R. J. Urick, *Principles of Underwater Sound* (McGraw Hill, ed. 3, 1983).
9. M. Solé *et al*., Evidence of Cnidarians sensitivity to sound after exposure to low frequency underwater sources. *Sci. Rep.* **6**, 37979 (2016). doi: 10.1038/srep37979; pmid: 28000727
10. A. Coffin, M. W. Kelly, G. A. Manley, A. N. Popper, "Evolution of sensory hair cells" in *Evolution of the Vertebrate Auditory System*, R. R. Fay, G. A. Manley, Eds. (Springer, 2004), pp. 55–94.
11. G. M. Wenz, Acoustic ambient noise in the ocean: Spectra and sources. *J. Acoust. Soc. Am.* **34**, 1936–1956 (1962). doi: 10.1121/1.1909155
12. C. S. McCreery, F. K. Duennebier, G. H. Sutton, Correlation of deep ocean noise (0.4-30 Hz) with wind, and the Holu Spectrum—A worldwide constant. *J. Acoust. Soc. Am.* **93**, 2639–2648 (1993). doi: 10.1121/1.405838
13. R. P. Dziak *et al*., Sources and levels of ambient ocean sound near the Antarctic Peninsula. *PLOS ONE* **10**, e0123425 (2015). doi: 10.1371/journal.pone.0123425; pmid: 25875205
14. B. M. Howe *et al*., Observing the oceans acoustically. *Front. Mar. Sci.* **6**, 426 (2019). doi: 10.3389/fmars.2019.00426
15. M. Tolstoy, D. R. Bohnenstiehl, E. Chapp, "Long range acoustic propagation of high frequency energy in the Indian Ocean from icebergs and earthquakes", in *Proceedings of the 26th Seismic Research Review: Trends in Nuclear Explosion Monitoring, Volume II* (National Nuclear Security Administration, Air Force Research Laboratory, 2004), pp. 568–578.
16. J. V. Locascio, D. A. Mann, Effects of Hurricane Charley on fish chorusing. *Biol. Lett.* **1**, 362–365 (2005). doi: 10.1098/rsbl.2005.0309; pmid: 17148207
17. A. O. Kasumyan, Acoustic signaling in fish. *J. Ichthyol.* **49**, 963–1020 (2009). doi: 10.1134/S0032945209110010
18. H. E. Winn, The biological significance of fish sounds. *Mar. Bio-Acoustics* **2**, 213–231 (1964).
19. W. W. Au, M. C. Hastings, *Principles of Marine Bioacoustics* (Springer, 2008).
20. R. F. Thorson, M. L. Fine, Acoustic competition in the gulf toadfish *Opsanus beta*: Acoustic tagging. *J. Acoust. Soc. Am.* **111**, 2302–2307 (2002). doi: 10.1121/1.1466865; pmid: 12051450
21. W. D. Halliday, M. K. Pine, A. P. H. Bose, S. Balshine, F. Juanes, The plainfin midshipman's soundscape at two sites around Vancouver Island, British Columbia. *Mar. Ecol. Prog. Ser.* **603**, 189–200 (2018). doi: 10.3354/meps12730
22. S. Rowe, J. A. Hutchings, Sound production by Atlantic cod during spawning. *Trans. Am. Fish. Soc.* **135**, 529–538 (2006). doi: 10.1577/T04-061.1
23. B. E. Erisman, T. J. Rowell, A sound worth saving: Acoustic characteristics of a massive fish spawning aggregation. *Biol. Lett.* **13**, 20170656 (2017). doi: 10.1098/rsbl.2017.0656; pmid: 29263130
24. J. V. Locascio, S. Burghart, D. A. Mann, Quantitative and temporal relationships of egg production and sound production by black drum *Pogonias cromis*. *J. Fish Biol.* **81**, 1175–1191 (2012). doi: 10.1111/j.1095-8649.2012.03376.x; pmid: 22957862
25. C. Erbe, C. Reichmuth, K. Cunningham, K. Lucke, R. Dooling, Communication masking in marine mammals: A review and research strategy. *Mar. Pollut. Bull.* **103**, 15–38 (2016). doi: 10.1016/j.marpolbul.2015.12.007; pmid: 26707982
26. J. A. Thomas, C. F. Moss, M. Vater, *Echolocation in Bats and Dolphins* (Univ. Chicago Press, 2004).

Downloaded from http://science.sciencemag.org/ on February 11, 2021

27. I. Van Opzeeland *et al*., Acoustic ecology of Antarctic pinnipeds. *Mar. Ecol. Prog. Ser.* **414**, 267–291 (2010). doi: 10.3354/meps08683
28. H. Ahonen *et al*., The underwater soundscape in western Fram Strait: Breeding ground of Spitsbergen's endangered bowhead whales. *Mar. Pollut. Bull.* **123**, 97–112 (2017). doi: 10.1016/j.marpolbul.2017.09.019; pmid: 28938997
29. C. W. Clark, G. C. Gagnon, Low-frequency vocal behaviors of baleen whales in the North Atlantic: Insights from IUSS detections, locations and tracking from 1992 to 1996. *J. Underw. Acoust.* **52**, 13 (2004).
30. E. C. Garland, L. Rendell, L. Lamoni, M. M. Poole, M. J. Noad, Song hybridization events during revolutionary song change provide insights into cultural transmission in humpback whales. *Proc. Natl. Acad. Sci. U.S.A.* **114**, 7822–7829 (2017). doi: 10.1073/pnas.1621072114; pmid: 28739940
31. R. A. Dunlop, D. H. Cato, M. J. Noad, Non-song acoustic communication in migrating humpback whales (*Megaptera novaeangliae*). *Mar. Mamm. Sci.* **24**, 613–629 (2008). doi: 10.1111/j.1748-7692.2008.00208.x
32. L. Coquereau, J. Grall, J. Clavier, A. Jolivet, L. Chauvaud, Acoustic behaviours of large crustaceans in NE Atlantic coastal habitats. *Aquat. Biol.* **25**, 151–163 (2016). doi: 10.3354/ab00665
33. C. A. Radford, A. G. Jeffs, C. T. Tindle, J. C. Montgomery, Temporal patterns in ambient noise of biological origin from a shallow water temperate reef. *Oecologia* **156**, 921–929 (2008). doi: 10.1007/s00442-008-1041-y; pmid: 18461369
34. A. Lillis, T. A. Mooney, Snapping shrimp sound production patterns on Caribbean coral reefs: Relationships with celestial cycles and environmental variables. *Coral Reefs* **37**, 597–607 (2018). doi: 10.1007/s00338-018-1684-z
35. E. Staaterman *et al*., Celestial patterns in marine soundscapes. *Mar. Ecol. Prog. Ser.* **508**, 17–32 (2014). doi: 10.3354/meps10911
36. M. J. G. Parsons, "An investigation into active and passive acoustic techniques to study aggregating fish species," thesis, Curtin University (2010).
37. J. C. Montgomery, A. Jeffs, S. D. Simpson, M. Meekan, C. Tindle, Sound as an orientation cue for the pelagic larvae of reef fishes and decapod crustaceans. *Adv. Mar. Biol.* **51**, 143–196 (2006). doi: 10.1016/S0065-2881(06)51003-X; pmid: 16905427
38. M. H. Saucier, D. M. Baltz, Spawning site selection by spotted seatrout, *Cynoscion nebulosus*, and black drum, *Pogonias cromis*, in Louisiana. *Environ. Biol. Fishes* **36**, 257–272 (1993). doi: 10.1007/BF00001722
39. H. K. Mok, R. G. Gilmore, Analysis of sound production in estuarine aggregations of *Pogonias cromis*, *Bairdiella chrysoura*, and *Cynoscion nebulosus* (Sciaenidae). *Bull. Inst. Zool. Acad. Sin.* **22**, 157–186 (1983).
40. A. A. Myrberg, J. Y. Spires, Sound discrimination by the bicolor damselfish, *Eupomacentrus partitus*. *J. Exp. Biol.* **57**, 727–735 (1972).
41. J. Sueur, S. Pavoine, O. Hamerlynck, S. Duvail, Rapid acoustic survey for biodiversity appraisal. *PLOS ONE* **3**, e4065 (2008). doi: 10.1371/journal.pone.0004065; pmid: 19115006
42. S. D. Simpson, M. Meekan, J. Montgomery, R. McCauley, A. Jeffs, Homeward sound. *Science* **308**, 221 (2005). doi: 10.1126/science.1107406; pmid: 15821083
43. C. A. Radford, J. A. Stanley, C. T. Tindle, J. C. Montgomery, A. G. Jeffs, Localised coastal habitats have distinct underwater sound signatures. *Mar. Ecol. Prog. Ser.* **401**, 21–29 (2010). doi: 10.3354/meps08451
44. F. Bertucci, E. Parmentier, G. Lecellier, A. D. Hawkins, D. Lecchini, Acoustic indices provide information on the status of coral reefs: An example from Moorea Island in the South Pacific. *Sci. Rep.* **6**, 33326 (2016). doi: 10.1038/srep33326; pmid: 27629650
45. E. Staaterman, Do bioacoustic conditions reflect species diversity? A case study from four tropical marine habitats. *J. Acoust. Soc. Am.* **141**, 3937–3938 (2017). doi: 10.1121/1.4988913
46. E. V. Kennedy, M. W. Holderied, J. M. Mair, H. M. Guzman, S. D. Simpson, Spatial patterns in reef-generated noise relate to habitats and communities : Evidence from a Panamanian case study. *J. Exp. Mar. Biol. Ecol.* **395**, 85–92 (2010). doi: 10.1016/j.jembe.2010.08.017
47. S. Elise *et al*., Assessing key ecosystem functions through soundscapes: A new perspective from coral reefs. *Ecol. Indic.* **107**, 105623 (2019). doi: 10.1016/j.ecolind.2019.105623
48. N. Pieretti, M. Lo Martire, A. Farina, R. Danovaro, Marine soundscape as an additional biodiversity monitoring tool: A case study from the Adriatic Sea (Mediterranean Sea). *Ecol. Indic.* **83**, 13–20 (2017). doi: 10.1016/j.ecolind.2017.07.011
49. B. J. Estabrook, D. W. Ponirakis, C. W. Clark, A. N. Rice, Widespread spatial and temporal extent of anthropogenic noise across the northeastern Gulf of Mexico shelf ecosystem. *Endanger. Species Res.* **30**, 267–282 (2016). doi: 10.3354/esr00743
50. J. A. Hildebrand, Anthropogenic and natural sources of ambient noise in the ocean. *Mar. Ecol. Prog. Ser.* **395**, 5–20 (2009). doi: 10.3354/meps08353
51. D. Malakoff, A push for quieter ships. *Science* **328**, 1502–1503 (2010). doi: 10.1126/science.328.5985.1502; pmid: 20558702
52. J. L. Miksis-Oldsa, S. M. Nichols, Is low frequency ocean sound increasing globally? *J. Acoust. Soc. Am.* **139**, 501–511 (2015) .doi: 10.1121/1.4938237
53. C. Erbe *et al*., Underwater noise from airplanes: An overlooked source of ocean noise. *Mar. Pollut. Bull.* **137**, 656–661 (2018). doi: 10.1016/j.marpolbul.2018.10.064; pmid: 30503480
54. A. E. Newhall *et al*., Monitoring the acoustic effects of pile driving for the first offshore wind farm in the United States. *J. Acoust. Soc. Am.* **139**, 2181 (2016). doi: 10.1121/1.4950483
55. T. Pangerc, P. D. Theobald, L. S. Wang, S. P. Robinson, P. A. Lepper, Measurement and characterisation of radiated underwater sound from a 3.6 MW monopile wind turbine. *J. Acoust. Soc. Am.* **140**, 2913–2922 (2016). doi: 10.1121/1.4964824; pmid: 27794307
56. C. Erbe, C. McPherson, Underwater noise from geotechnical drilling and standard penetration testing. *J. Acoust. Soc. Am.* **142**, EL281–EL285 (2017). doi: 10.1121/1.5003328; pmid: 28964046
57. C. Erbe, R. McCauley, C. McPherson, A. Gavrilov, Underwater noise from offshore oil production vessels. *J. Acoust. Soc. Am.* **133**, EL465–EL470 (2013). doi: 10.1121/1.4802183; pmid: 23742441
58. K. J. Reine, D. Clarke, C. Dickerson, Characterization of underwater sounds produced by hydraulic and mechanical dredging operations. *J. Acoust. Soc. Am.* **135**, 3280–3294 (2014). doi: 10.1121/1.4875712; pmid: 24907792
59. C. Erbe, M. Parsons, A. J. Duncan, K. Allen, Underwater acoustic signatures of recreational swimmers, divers, surfers and kayakers. *Acoust. Aust.* **44**, 333–341 (2016). doi: 10.1007/s40857-016-0062-7
60. C. Erbe, M. Parsons, A. Duncan, S. K. Osterrieder, K. Allen, Aerial and underwater sound of unmanned aerial vehicles (UAV). *J. Unmanned Veh. Syst.* **5**, 92–101 (2017). doi: 10.1139/juvs-2016-0018
61. C. Erbe, Underwater noise of small personal watercraft (jet skis). *J. Acoust. Soc. Am.* **133**, EL326–EL330 (2013). doi: 10.1121/1.4795220; pmid: 23556699
62. T. A. C. Gordon *et al*., Habitat degradation negatively affects auditory settlement behavior of coral reef fishes. *Proc. Natl. Acad. Sci. U.S.A.* **115**, 5193–5198 (2018). doi: 10.1073/pnas.1719291115; pmid: 29712839
63. J. Butler, J. A. Stanley, M. J. Butler IV, Underwater soundscapes in near-shore tropical habitats and the effects of environmental degradation and habitat restoration. *J. Exp. Mar. Biol. Ecol.* **479**, 89–96 (2016). doi: 10.1016/j.jembe.2016.03.006
64. T. Rossi, S. D. Connell, I. Nagelkerken, The sounds of silence: Regime shifts impoverish marine soundscapes. *Landsc. Ecol.* **32**, 239–248 (2017). doi: 10.1007/s10980-016-0439-x
65. K. D. Seger, J. L. Miksis-Olds, Acoustic documentation of temperate odontocetes in the Bering and Chukchi Seas. *Mar. Mamm. Sci.* **35**, 1099–1111 (2019). doi: 10.1111/mms.12577
66. J. Butler, M. J. Butler IV, I. V. H. Gaff, Snap, crackle, and pop: Acoustic-based model estimation of snapping shrimp populations in healthy and degraded hard-bottom habitats. *Ecol. Indic.* **77**, 377–385 (2017). doi: 10.1016/j.ecolind.2017.02.041
67. G. E. Davis *et al*., Exploring movement patterns and changing distributions of baleen whales in the western North Atlantic using a decade of passive acoustic data. *Glob. Change Biol.* **26**, 4812–4840 (2020). doi: 10.1111/gcb.15191; pmid: 32450009
68. W. Munk, The sound of climate change. *Tellus A* **63**, 190–197 (2011). doi: 10.1111/j.1600-0870.2010.00494.x
69. A. J. Poulsen, H. Schmidt, Acoustic noise properties in the rapidly changing Arctic Ocean. *Proc. Mtgs. Acoust.* **28**, 070005 (2016). doi: 10.1111/j.1600-0870.2010.00494.x
70. S. Menze, D. P. Zitterbart, I. van Opzeeland, O. Boebel, The influence of sea ice, wind speed and marine mammals on Southern Ocean ambient sound. *R. Soc. Open Sci.* **4**, 160370 (2017). doi: 10.1098/rsos.160370; pmid: 28280544
71. J. Nystuen, J. Miksis-Olds, Soundscapes under sea ice: Can we listen for open water? *J. Acoust. Soc. Am.* **127**, 1728 (2010). doi: 10.1121/1.3383439
72. K. C. Hester, E. T. Peltzer, W. J. Kirkwood, P. G. Brewer, Unanticipated consequences of ocean acidification: A noisier ocean at lower pH. *Geophys. Res. Lett.* **35**, L19601 (2008). doi: 10.1029/2008GL034913
73. T. Ilyina, R. E. Zeebe, P. G. Brewer, Future ocean increasingly transparent to low-frequency sound owing to carbon dioxide emissions. *Nat. Geosci.* **3**, 18–22 (2010). doi: 10.1038/ngeo719
74. H. R. Harding, T. A. C. Gordon, M. N. Havlik, M. Predragovic, R. P. Devassy, A. N. Radford, S. D. Simpson, C. M. Duarte, A systematic literature assessment on the effects of human-altered soundscapes on marine life [Dataset]. Zenodo (2020); https://www.doi.org/10.5281/zenodo.4080965.
75. F. Ladich, Sound communication in fishes and the influence of ambient and anthropogenic noise. *Bioacoustics* **17**, 34–38 (2008). doi: 10.1080/09524622.2008.9753755
76. A. N. Popper, M. C. Hastings, The effects of human-generated sound on fish. *Integr. Zool.* **4**, 43–52 (2009). doi: 10.1111/j.1749-4877.2008.00134.x; pmid: 21392276
77. H. Slabbekoorn *et al*., A noisy spring: The impact of globally rising underwater sound levels on fish. *Trends Ecol. Evol.* **25**, 419–427 (2010). doi: 10.1016/j.tree.2010.04.005; pmid: 20483503
78. A. N. Radford, E. Kerridge, S. D. Simpson, Acoustic communication in a noisy world: Can fish compete with anthropogenic noise? *Behav. Ecol.* **25**, 1022–1030 (2014). doi: 10.1093/beheco/aru029
79. S. D. Simpson *et al*., Anthropogenic noise increases fish mortality by predation. *Nat. Commun.* **7**, 10544 (2016). doi: 10.1038/ncomms10544; pmid: 26847493
80. E. P. Walsh, G. Arnott, H. P. Kunc, Noise affects resource assessment in an invertebrate. *Biol. Lett.* **13**, 20170098 (2017). doi: 10.1098/rsbl.2017.0098; pmid: 28404823
81. J. L. Fewtrell, R. D. McCauley, Impact of air gun noise on the behaviour of marine fish and squid. *Mar. Pollut. Bull.* **64**, 984–993 (2012). doi: 10.1016/j.marpolbul.2012.02.009; pmid: 22385754
82. H. P. Kunc, K. E. McLaughlin, R. Schmidt, Aquatic noise pollution: Implications for individuals, populations, and ecosystems. *Proc. Biol. Sci.* **283**, 20160839 (2016). doi: 10.1098/rspb.2016.0839; pmid: 27534952
83. W. J. Richardson, C. R. Greene Jr., C. I. Malme, D. H. Thomson, *Marine Mammals and Noise* (Academic Press, 1995).
84. C. Erbe *et al*., The effects of ship noise on marine mammals—A review. *Front. Mar. Sci.* **6**, 606 (2019). doi: 10.3389/fmars.2019.00606
85. A. D. Hawkins, A. E. Pembroke, A. N. Popper, Information gaps in understanding the effects of noise on fishes and invertebrates. *Rev. Fish Biol. Fish.* **25**, 39–64 (2015). doi: 10.1007/s11160-014-9369-3
86. C. Erbe, R. Williams, D. Sandilands, E. Ashe, Identifying modeled ship noise hotspots for marine mammals of Canada's Pacific region. *PLOS ONE* **9**, e89820 (2014). doi: 10.1371/journal.pone.0089820; pmid: 24598866
87. A. Nikolopoulos, P. Sigray, M. Andersson, J. Carlström, E. Lalander, "BIAS Implementation Plan – Monitoring and assessment guidance for continuous low frequency sound in the Baltic Sea" (BIAS LIFE11 ENV/SE/841, Swedish Defence Research Agency, 2016); https://biasproject.files.wordpress.com/2013/11/bias-implementation-plan.pdf.
88. N. D. Merchant *et al*., Impulsive noise pollution in the Northeast Atlantic: Reported activity during 2015–2017. *Mar. Pollut. Bull.* **152**, 110951 (2020). doi: 10.1016/j.marpolbul.2020.110951
89. G. A. Manley, Cochlear mechanisms from a phylogenetic viewpoint. *Proc. Natl. Acad. Sci. U.S.A.* **97**, 11736–11743 (2000). doi: 10.1073/pnas.97.22.11736; pmid: 11050203
90. G. A. Manley, J. A. Clack, "An outline of the evolution of vertebrate hearing organs" in *Evolution of the Vertebrate Auditory System*, G. A. Manley, R. R. Fay, A. N. Popper, Eds. (Springer, 2004), pp. 1–26.
91. A. Jolivet *et al*., Validation of trophic and anthropic underwater noise as settlement trigger in blue mussels. *Sci. Rep.* **6**, 33829 (2016). doi: 10.1038/srep33829; pmid: 27644947
92. K. Cox, L. P. Brennan, T. G. Gerwing, S. E. Dudas, F. Juanes, Sound the alarm: A meta-analysis on the effect of aquatic noise on fish behavior and physiology. *Glob. Change Biol.* **24**, 3105–3116 (2018). doi: 10.1111/gcb.14106; pmid: 29476641

Downloaded from http://science.sciencemag.org/ on February 11, 2021

93. M. K. Pine, A. G. Jeffs, D. Wang, C. A. Radford, The potential for vessel noise to mask biologically important sounds within ecologically significant embayments. *Ocean Coast. Manage.* **127**, 63–73 (2016). doi: 10.1016/j.ocecoaman.2016.04.007
94. Methods are provided in the supplementary materials.
95. H. T. Shapiro *et al*., "Climate change assessments: Review of the processes and procedures of the IPCC" (InterAcademy Council, Amsterdam, 2010).
96. R. M. Rolland *et al*., Evidence that ship noise increases stress in right whales. *Proc. Biol. Sci.* **279**, 2363–2368 (2012). doi: 10.1098/rspb.2011.2429; pmid: 22319129
97. A. E. Bates, R. B. Primack, P. Moraga, C. M. Duarte, COVID-19 pandemic and associated lockdown as a "Global Human Confinement Experiment" to investigate biodiversity conservation. *Biol. Conserv.* **248**, 108665 (2020). doi: 10.1016/j.biocon.2020.108665; pmid: 32549587
98. C. Rutz *et al*., COVID-19 lockdown allows researchers to quantify the effects of human activity on wildlife. *Nat. Ecol. Evol.* **4**, 1156–1159 (2020). doi: 10.1038/s41559-020-1237-z; pmid: 32572222
99. D. J. M. Thomson, D. R. Barclay, Real-time observations of the impact of COVID-19 on underwater noise. *J. Acoust. Soc. Am.* **147**, 3390–3396 (2020). doi: 10.1121/10.0001271; pmid: 32486811
100. L. Pichegru, R. Nyengera, A. M. McInnes, P. Pistorius, Avoidance of seismic survey activities by penguins. *Sci. Rep.* **7**, 16305 (2017). doi: 10.1038/s41598-017-16569-x; pmid: 29176687
101. P. Tixier, N. Gasco, G. Duhamel, C. Guinet, Habituation to an acoustic harassment device (AHD) by killer whales depredating demersal longlines. *ICES J. Mar. Sci.* **72**, 1673–1681 (2015). doi: 10.1093/icesjms/fsu166
102. K. A. Forney *et al*., Nowhere to go: Noise impact assessments for marine mammal populations with high site fidelity. *Endanger. Species Res.* **32**, 391–413 (2017). doi: 10.3354/esr00820
103. J. E. Simmonds, D. M. MacLennan, *Fisheries Acoustics: Theory and Practice* (Wiley, 2005).
104. J. M. González Correa *et al*., Recreational boat traffic effects on fish assemblages: First evidence of detrimental consequences at regulated mooring zones in sensitive marine areas detected by passive acoustics. *Ocean Coast. Manage.* **168**, 22–34 (2019). doi: 10.1016/j.ocecoaman.2018.10.027
105. J. V. Carretta, J. Barlow, Long-term effectiveness, failure rates, and "dinner bell" properties of acoustic pingers in a gillnet fishery. *Mar. Technol. Soc. J.* **45**, 7–19 (2011). doi: 10.4031/MTSJ.45.5.3
106. J. D. Mitchell, D. L. McLean, S. P. Collin, T. J. Langlois, Shark depredation in commercial and recreational fisheries. *Rev. Fish Biol. Fish.* **28**, 715–748 (2018). doi: 10.1007/s11160-018-9528-z
107. C. Erbe, R. Dunlop, S. Dolman, "Effects of noise on marine mammals" in *Effects of Anthropogenic Noise on Animals*, H. Slabbekoorn, R. J. Dooling, A. N. Popper, R. R. Fay, Eds. (Springer, 2018), pp. 277–309.
108. M. M. Holt, D. P. Noren, V. Veirs, C. K. Emmons, S. Veirs, Speaking up: Killer whales (*Orcinus orca*) increase their call amplitude in response to vessel noise. *J. Acoust. Soc. Am.* **125**, EL27–EL32 (2009). doi: 10.1121/1.3040028; pmid: 19173379
109. D. E. Holt, C. E. Johnston, Evidence of the Lombard effect in fishes. *Behav. Ecol.* **25**, 819–826 (2014). doi: 10.1093/beheco/aru028
110. C. Hotchkin, S. Parks, The Lombard effect and other noise-induced vocal modifications: Insight from mammalian communication systems. *Biol. Rev. Camb. Philos. Soc.* **88**, 809–824 (2013). doi: 10.1111/brv.12026; pmid: 23442026
111. S. L. Nedelec *et al*., Repeated exposure to noise increases tolerance in a coral reef fish. *Environ. Pollut.* **216**, 428–436 (2016). doi: 10.1016/j.envpol.2016.05.058; pmid: 27325546
112. L. Bejder, A. Samuels, H. Whitehead, H. Finn, S. Allen, Impact assessment research: Use and misuse of habituation, sensitisation and tolerance in describing wildlife responses to anthropogenic stimuli. *Mar. Ecol. Prog. Ser.* **395**, 177–185 (2009). doi: 10.3354/meps07979
113. S. C. Doney *et al*., Climate change impacts on marine ecosystems. *Annu. Rev. Mar. Sci.* **4**, 11–37 (2012). doi: 10.1146/annurev-marine-041911-111611; pmid: 22457967
114. United Nations Convention on the Law of the Sea Preparatory Committee, "Revised draft text of an agreement under the United Nations Convention on the Law of the Sea on the conservation and sustainable use of marine biological diversity of areas beyond national jurisdiction" (United Nations, 2019); www.un.org/bbnj/sites/www.un.org.bbnj/files/revised_draft_text_a.conf_.232.2020.11_advance_unedited_version.pdf.
115. IPCC, "2014: Climate Change 2014: Synthesis report. Contribution of Working Groups I, II and III to the fifth assessment report of the Intergovernmental Panel on Climate Change," Core Writing Team, R. K. Pachauri, L.A. Meyer, Eds. (IPCC, Geneva, 2014).
116. IPCC, "Summary for policymakers" in "IPCC Special Report on the Ocean and Cryosphere in a Changing Climate," H.-O. Pörtner *et al*., Eds. (IPCC, 2019).
117. IPBES, Global assessment report on biodiversity and ecosystem services," E. S. Brondizio, J. Settele, S. Díaz, H. T. Ngo, Eds. (IPBES Secretariat, Bonn, 2019).
118. Organisation for Economic Co-operation and Development (OECD), *The Ocean Economy in 2030* (OECD Publishing, 2016).
119. J.-G. Winther *et al*., "Integrated ocean management" (World Resources Institute, 2020); www.oceanpanel.org/blue-papers/integrated-ocean-management.
120. B. S. Halpern, K. A. Selkoe, F. Micheli, C. V. Kappel, Evaluating and ranking the vulnerability of global marine ecosystems to anthropogenic threats. *Conserv. Biol.* **21**, 1301–1315 (2007). doi: 10.1111/j.1523-1739.2007.00752.x; pmid: 17883495
121. M. Gassmann, S. M. Wiggins, J. A. Hildebrand, Deep-water measurements of container ship radiated noise signatures and directionality. *J. Acoust. Soc. Am.* **142**, 1563–1574 (2017). doi: 10.1121/1.5001063; pmid: 28964105
122. M. J. G. Parsons, A. J. Duncan, S. K. Parsons, C. Erbe, Reducing vessel noise: An example of a solar-electric passenger ferry. *J. Acoust. Soc. Am.* **147**, 3575–3583 (2020). doi: 10.1121/10.0001264; pmid: 32486766
123. N. D. Merchant, Underwater noise abatement: Economic factors and policy options. *Environ. Sci. Policy* **92**, 116–123 (2019). doi: 10.1016/j.envsci.2018.11.014
124. J. Lewandowski, E. Staaterman, International management of underwater noise: Transforming conflict into effective action. *J. Acoust. Soc. Am.* **147**, 3160–3168 (2020). doi: 10.1121/10.0001173; pmid: 32486808
125. R. Leaper, M. Renilson, C. Ryan, Reducing underwater noise from large commercial ships: Current status and future directions. *J. Ocean Technol.* **9**, 50–69 (2014).
126. S. Veirs, V. Veirs, R. Williams, M. Jasny, J. Wood, A key to quieter seas: half of ship noise comes from 15% of the fleet. PeerJ Preprints e26525v1 [Preprint]. 15 February 2018; doi: 10.7287/peerj.preprints.26525v1
127. M. A. Bellmann, "Overview of existing noise mitigation systems for reducing pile-driving noise" in *INTERNOISE 2014 – 43rd International Congress on Noise Control Engineering: Improving the World Through Noise Control* (Australian Acoustical Society, 2014), pp. 1–11.
128. B. Christiansen, A. Denda, S. Christiansen, Potential effects of deep seabed mining on pelagic and benthopelagic biota. *Mar. Policy* **114**, 103442 (2020). doi: 10.1016/j.marpol.2019.02.014
129. A. N. N. Popper, R. R. Fay, Eds., *Perspectives on Auditory Research*, vol. 50 of *Springer Handbook of Auditory Research* (Springer, 2014).
130. A. N. Popper, R. R. Fay, Sound detection and processing by fish: Critical review and major research questions. *Brain Behav. Evol.* **41**, 14–25 (1993). doi: 10.1159/000113821; pmid: 8431753
131. J. A. Clack, Patterns and processes in the early evolution of the tetrapod ear. *J. Neurobiol.* **53**, 251–264 (2002). doi: 10.1002/neu.10129; pmid: 12382279
132. D. A. Mann, Z. Lu, A. N. Popper, A clupeid fish can detect ultrasound. *Nature* **389**, 341 (1997). doi: 10.1038/38636
133. F. Ladich, R. R. Fay, Auditory evoked potential audiometry in fish. *Rev. Fish Biol. Fish.* **23**, 317–364 (2013). doi: 10.1007/s11160-012-9297-z; pmid: 26366046
134. C. Erbe *et al*., Review of underwater and in-air sounds emitted by Australian and Antarctic marine mammals. *Acoust. Aust.* **45**, 179–241 (2017). doi: 10.1007/s40857-017-0101-z
135. Y. Zhang, F. Shi, J. Song, X. Zhang, S. Yu, Hearing characteristics of cephalopods: Modeling and environmental impact study. *Integr. Zool.* **10**, 141–151 (2015). doi: 10.1111/1749-4877.12104; pmid: 24920389
136. L. Chapuis, C. C. Kerr, S. P. Collin, N. S. Hart, K. L. Sanders, Underwater hearing in sea snakes (Hydrophiinae): First evidence of auditory evoked potential thresholds. *J. Exp. Biol.* **222**, jeb198184 (2019). doi: 10.1242/jeb.198184; pmid: 31345949
137. K. J. Martin *et al*., Underwater hearing in the loggerhead turtle (*Caretta caretta*): A comparison of behavioral and auditory evoked potential audiograms. *J. Exp. Biol.* **215**, 3001–3009 (2012). doi: 10.1242/jeb.066324; pmid: 22875768
138. L. Di Iorio, C. Gervaise, V. Jaud, A. A. Robson, L. Chauvaud, Hydrophone detects cracking sounds: Non-intrusive monitoring of bivalve movement. *J. Exp. Mar. Biol. Ecol.* **432–433**, 9–16 (2012). doi: 10.1016/j.jembe.2012.07.010
139. B. M. Casper, D. A. Mann, Field hearing measurements of the Atlantic sharpnose shark *Rhizoprionodon terraenovae*. *J. Fish Biol.* **75**, 2768–2776 (2009). doi: 10.1111/j.1095-8649.2009.02477.x; pmid: 20738522
140. H. O. Sertlek, H. Slabbekoorn, C. Ten Cate, M. A. Ainslie, Source specific sound mapping: Spatial, temporal and spectral distribution of sound in the Dutch North Sea. *Environ. Pollut.* **247**, 1143–1157 (2019). doi: 10.1111/j.1095-8649.2009.02477.x; pmid: 20738522

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SUPPLEMENTARY MATERIALS

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Materials and Methods
Fig. S1
Tables S1 to S3
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Science

The soundscape of the Anthropocene ocean

Carlos M. Duarte, Lucille Chapuis, Shaun P. Collin, Daniel P. Costa, Reny P. Devassy, Victor M. Eguiluz, Christine Erbe, Timothy A. C. Gordon, Benjamin S. Halpern, Harry R. Harding, Michelle N. Havlik, Mark Meekan, Nathan D. Merchant, Jennifer L. Miksis-Olds, Miles Parsons, Milica Predragovic, Andrew N. Radford, Craig A. Radford, Stephen D. Simpson, Hans Slabbekoorn, Erica Staaterman, Ilse C. Van Opzeeland, Jana Winderen, Xiangliang Zhang and Francis Juanes

Science **371** (6529), eaba4658.
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An anthropogenic cacophony

Sound travels faster and farther in water than in air. Over evolutionary time, many marine organisms have come to rely on sound production, transmission, and reception for key aspects of their lives. These important behaviors are threatened by an increasing cacophony in the marine environment as human-produced sounds have become louder and more prevalent. Duarte *et al.* review the importance of biologically produced sounds and the ways in which anthropogenically produced sounds are affecting the marine soundscape.

Science, this issue p. eaba4658

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WARNING: This is not a City of Berkeley email. Do not click links or attachments unless you trust the sender and know the content is safe.

Liza,

This email, sent in March 2022, called attention to issues arising from the very exposed location of the proposed WETA ferry dock. Most importantly, a loss of control event at a critical point of the ferry's approach to the dock could cause the ferry to run onto the rocks or collide with the Skate's restaurant, with considerable risk of injury or damage. The Berkeley Water Transportation Pier Ferry EIR must address this possibility.

- What is the probability of a loss of control (LOC) event in the ferries serving Berkeley?
- What would be the protocol for dealing with an LOC event in a ferry approaching the Berkeley WETA dock? E.g., rapid deployment of an anchor?
- What initial and ongoing training is necessary to ensure that the appropriate protocol is successfully followed whenever an LOC occurs?
- Alternatively, the ferry dock could be relocated inside the Marina or another sheltered location.

Assuming this major safety issue can be addressed, consider next the storms that would be expected every year,

- How often would storms with strong North or South winds require ferry service to be suspended?
- How would the service suspension be communicated to ferry patrons?
- What alternate transportation would be available and how would ferry patrons access it?
- Again, it would probably be best to locate the ferry dock in a sheltered area and avoid these service suspensions .

---------- Forwarded message ---------
From: **Gordon Stout** <gords11@gmail.com>
Date: Mon, Mar 14, 2022 at 4:56 PM
Subject: Wind, Waves, and Lee Shore at the WETA Ferry Dock
To: <bbartlett@cityofberkeley.info>, <LDroste@cityofberkeley.info>, <shahn@cityofberkeley.info>, <kharrison@cityofberkeley.info>, <rkesarwani@cityofberkeley.info>, <SWengraf@cityofberkeley.info>, <JArreguin@cityofberkeley.info>, Ferris, Scott <SFerris@cityofberkeley.info>, Lam, Nelson <nelam@cityofberkeley.info>, Endress, Alexandra <aendress@cityofberkeley.info>, Robinson, Rigel <RRobinson@cityofberkeley.info>, Taplin, Terry <ttaplin@cityofberkeley.info>, <gougherty@watertransit.org>, <connolly@watertransit.org>, Miller, Roger <RMiller@cityofberkeley.info>, <Craig.Lewis@ghd.com>
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All,

The proposed location for the WETA ferry terminal in Berkeley is very challenging, and needs careful consideration and design.

Please read the attached document, and enter it into the public comment record for the BMASP Community Workshop #2, Wednesday, March 16, 2022.

Thank you!

Wind, Waves, and Lee Shore at the WETA Ferry Dock Location

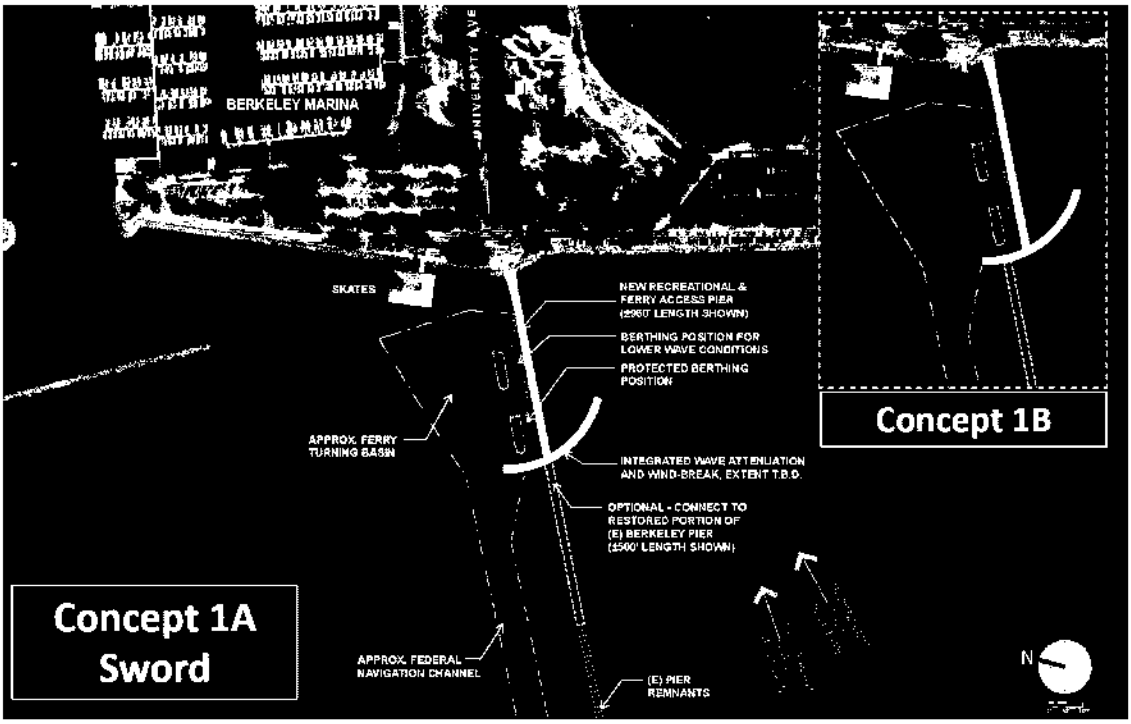


This is a still picture from a video (attached, I suggest you watch it) of conditions in Berkeley's south sailing basin with a strong south wind blowing directly across the south-facing seawall. Note the reflected waves, and the spray overtopping the seawall. With a strong north wind, the proposed north-facing WETA dock would probably look something like the video, with waves breaking over the dock and soaking anyone on it.

North and South Winds

Strong North and South wind events happen several times a year on the Bay. The figure below shows the Sword configuration presented at Workshop #2. Wave protection looks good for the predominant west-to-southwest wind directions, but strong North to Northwest wind and waves would hit the WETA docks with full force, with waves overtopping the docks much like the waves in the video. Protecting the WETA docks against waves coming from the north is not at all easy because a breakwater cannot be placed within or directly upwind of the ferry turning basin. This is a serious problem for a dock in this location, which probably would mean cancelling ferry service on days with north winds above a certain threshold.

For a South wind, the 'Sword' hilt forms (as labeled in the figure) a Protected Berthing Position, but if there is no wave attenuation for the Lower Wave Condition berth, waves would probably overtop the float in full view of passengers waiting in line for the ferry in the Protected Berthing Position. Entertaining, perhaps, but not confidence-inspiring. Wave attenuation for south wind storms needs to be present for both the Lower Wave Condition berth and the Protected Berthing Position.



Nearby Lee Shore

In the usual westerly summer winds, an inbound ferry will come downwind to a position north of the ferry's berth, then make a 180° turn in the "Ferry Turning Basin" so it ends up pointed upwind when docked. But the summer winds are often well above 25 mph, and the waves can be substantial, a bit like those in the picture above. The 180° turn would at the very least give the ferry captains a good chance to demonstrate their skill.

There is a significant hazard here, however: the ferry turning basin is just a few boat lengths upwind of both the rocky shore and the Skates restaurant. If a ferry were to lose power or steering control just before the 180° turn, it would not take long for the ferry's eastward motion, helped by a strong summer wind, to carry it down to the shore. It might ground on the rocks, which would be dangerous, or collide with the Skates restaurant, which would be very dangerous indeed. Skates is built on tall, slender pilings (see below) and might not survive a collision with a 135-foot-long ferry, especially if the ferry were to drift under the restaurant. The chance of injury in such an accident would be significant.

Perhaps after a power loss there would be time and room to set an anchor, perhaps not—an anchor would have to be dropped almost immediately after loss of power to have a chance of stopping the ferry in time. For the crew to deal with such a situation, they must have appropriate equipment and rigorous training in how to use it, very much like the training aircraft pilots receive for engine failures during takeoffs.

With well-maintained ferries, this kind of power loss should be a very rare event. Given the potential hazard involved, though, I think this is a safety issue that needs to be carefully evaluated for this site.

WETA's new Treasure Island ferry dock also has a windy location and a close lee shore—and, for what it's worth, a breakwater to protect against north winds and waves. Perhaps WETA has investigated this problem. If so, they should share their work.



Wind and Wave Modeling

In 2018, the city commissioned a study by GHD, *Small Scale Ferry Terminal FS Berkeley Municipal Pier_DRAFT.pdf* , that should have helped with the design of the pier and the identification of the lee shore problem. Unfortunately, the study used wind data from NOAA's Alameda Station, a far less windy location than the Berkeley Marina, so the wave modeling was for 12 mph west wind and was therefore useless (see pages iii, 24, and 25). If the Berkeley Pier docking site is to be used, a wind and wave study should be completed using real-world data, probably obtainable from iWindsurf, which has several nearby wind sensors and archives of wind strength/direction data. This data should allow modeling wave action for all wind directions, and so guide the design of wave protection for the ferry docks. Modeling should include prediction of silting resulting from candidate breakwater designs.

Pier Structure Design

The design of the pier structure also needs consideration: the design chosen has monopile bents along the pier centerline, unlike the existing pier which has its pilings along the north and south pier edges.

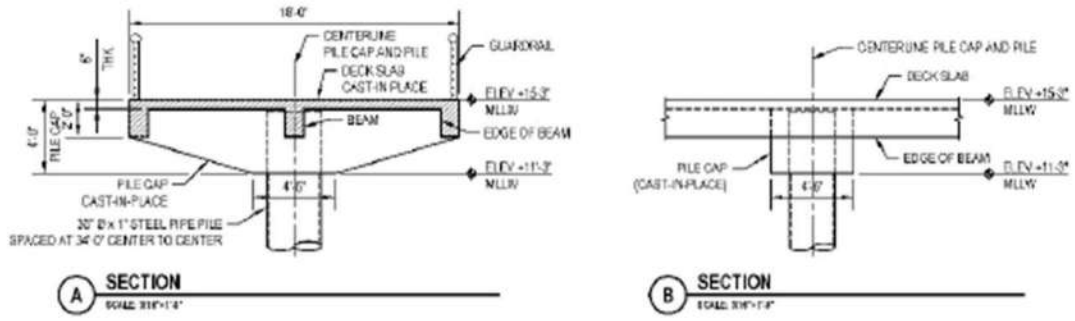


Figure 8 – Replacement Pier Concept using Monopile Bents

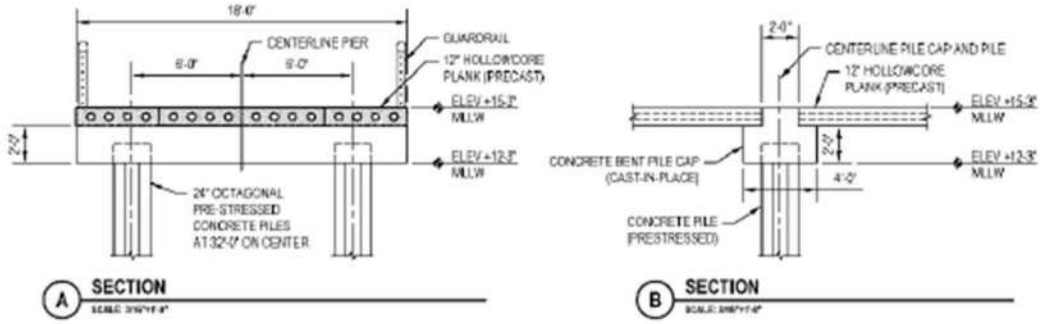


Figure 9 – Replacement Pier Concept using Two Concrete Pile Bents

This design choice has safety implications: the centerline structure makes it much more likely that a boat that gets blown against the pier will end up under the pier deck (see picture below of a boat blown under the San Mateo bridge in 2009). Widening the stance of the two concrete pile bents and keeping the along-pier pile spacing low would provide better protection against a boat ending up under the pier.

(Figures above from study by GHD, *Small Scale Ferry Terminal FS Berkeley Municipal Pier_DRAFT.pdf,* pages 11 and 12.*)*



Michael Macor / The Chronicle

Picture/story:
https://www.sfgate.com/bayarea/article/Crews-to-move-boat-stuck-at-San-Mateo-Bridge-3165070.php#photo-2297687

In addition to the safety implications, the location of the piles has implications for fishing from the pier, since the pilings and the biomass that attaches to them are part of the food chain of fish and crabs. The current pier construction allows fishing directly adjacent to the pier support pilings, which, if I remember from long ago, gets more bites. This should be looked into before finalizing the design. Keeping part of the underwater structure of the old pier should also be considered.

Dredge the North Marina Entrance

As a person who goes in and out of the marina under sail, I would choose to use the north harbor entrance at times when both ferries and fishing charter boats are likely to be using the south entrance. Therefore, I think that the ferry project should undertake the dredging of the north harbor entrance as well as the south one, so that boats leaving and entering the marina have the opportunity to avoid possible congestion near the ferry dock.



From: Gordon Stout <gords11@gmail.com>
Sent: Monday, May 5, 2025 11:24 AM
To: McNulty, Liza <lmcnulty@berkeleyca.gov>
Subject: EIR Scoping item, safety at the proposed WETA Berkeley ferry dock

WARNING: This is not a City of Berkeley email. Do not click links or attachments unless you trust the sender and know the content is safe.

Please add the attached to the EIR scoping comments.

The attached documents describe a serious hazard for the proposed WETA ferry dock location, which I believe the EIR should carefully evaluate.

Thanks,

Gordon Stout

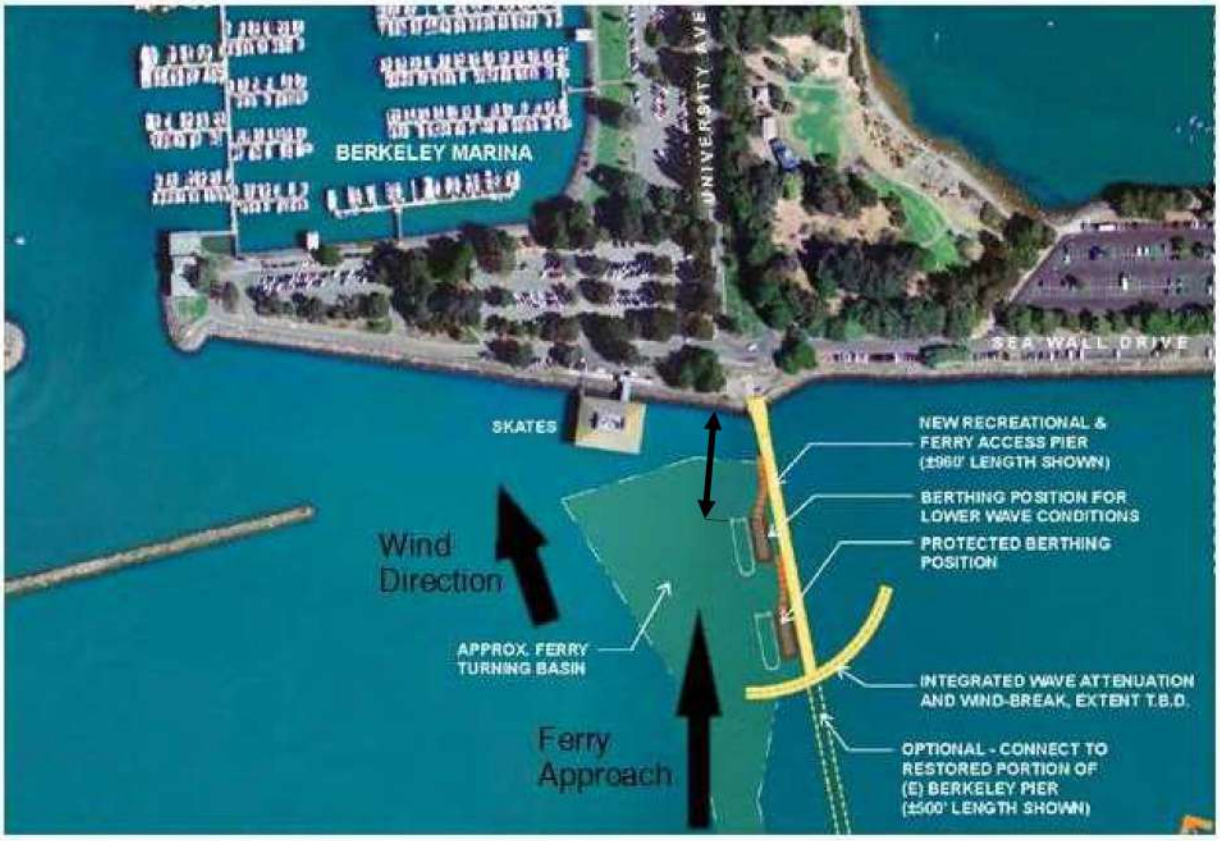
WETA's Berkeley Ferry Dock Location





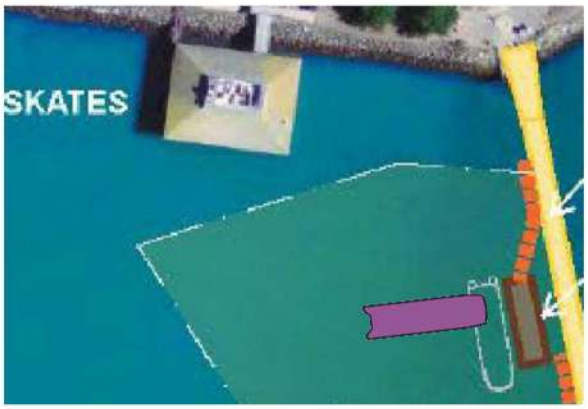
On November 23, 2018 a Golden Gate Ferry rammed a dock at the San Francisco Ferry building, check out the bow damage in the picture above and this video. Fortunately, there were no serious injuries and damage was relatively minor, about $3 million. The cause of the accident appears to have been the captain's unfamiliarity with a recently upgraded control system

Consider the possibility of a similar loss of control accident happening at the dock location proposed for the Berkeley WETA ferry (see below). In the usual westerly summer winds ("Wind Direction" arrow in the figure), an inbound ferry will come in along the "Ferry Approach" arrow, then make a 180° turn in the "Ferry Turning Basin" so it ends up pointed upwind when it gets to the dock. But the summer afternoon winds are often well above 25 mph, and the waves are substantial. The 180° turn would at the very least give the ferry captains a good chance to demonstrate their skill.



FINAL_Ferry Terminal Facility Feasibility Study - Berkeley Municipal Pier See Page 34 (arrows added)

Zoomed-in image showing Dorado-sized (~300 passenger) ferry halfway through a 180° turn.



It is a very tight situation for a possible control loss. The inshore end of the ferry's dock is only 200 feet upwind of the rocky shore, and a 25-mph wind would soon push a disabled ferry downwind onto the rocks, which would be quite dangerous, or onto the Skates restaurant, which would be very dangerous indeed. Skates is built on tall, slender pilings (see next page) and might not survive wind and wave pushing a 135-foot-long ferry against and perhaps underneath it. Injuries and damage in such an accident would be very likely.

Information with some bearing on how likely a control loss event might be:

1. The meeting minutes of the Harbor Safety Committee of the San Francisco Bay Region for January and February 2025 described seven instances of loss of propulsion or steering in passenger vessels on the Bay. (see Harbor Safety Committee Reports of Loss of Propulsion Jan and Feb 2025.pdf, attached with this document).
2. Hyundai, Kia, and Genesis are recalling over 146,000 electric vehicles because a faulty part may cause them to lose power while driving. In addition to the main traction batteries, a typical EV needs another power source (e.g. a 12V battery) to run the controls. On an electric ferry, it is likely also a small battery, either backed up with a generator or not.
3. After the Baltimore bridge collapse caused by a power loss in a big container ship, USA Today summarized US Coast Guard data showing: At least 6,000 times in the past 22 years – an average of more than five times a week – crews on board massive cargo ships, oil tankers, container barges and even cruise vessels have reported what befell the Dali: a loss of power, loss of propulsion, loss of steering, or some combination of the three…

Docking Maneuvers:

- The ferry battery will be at a low state of charge when the ferry arrives at Berkeley, which may exacerbate some system failure modes.
- To the extent that the docking maneuvers involve dramatic steering or propulsion inputs, they may stress the control system and cause an incipient control failure to manifest as a hard failure during the docking.
- The 180° turn requires the skipper to shift attention from starboard to port, which can be tricky given that the ferry's beam is 34.5 feet.
- If the approach requires the ferry to drop backwards into position, the helmsman must look backwards to the dock, again, maybe tricky.
- If the loss of control occurs before the ferry slows for the 180° turn, the ferry's downwind speed will greatly reduce the available time to respond.
- A ferry going downwind at 20 knots would take just over a minute to travel 200 feet to the rocks. That does not leave much time to recognize and respond to a problem.

The best response to a loss of control event would probably be to drop an anchor. But an anchor would need to be dropped very quickly, given the short drift distance available.

- What kind of anchor should be used, and how much scope will the anchor need?
- Will the anchor be dropped off the stern or bow? There probably need to be two protocols, one for an anchor drop before the 180° turn and another for an anchor drop after the turn.

- Will the mud bottom be free of snags and debris that might keep the anchor from biting into the mud?
- Is there anything on the underside of the ferry that the anchor line could foul?
- Are there enough crew on the ferries to deploy the anchor quickly?
- When the anchor line comes tight, is there potential for injury to people near it?

The approach of the ferry to the dock and the dropping of the anchor would need carefully thought-out protocols, which ferry personnel would need to be well-trained to execute rapidly if a loss of control event occurs.

In my opinion, the WETA dock should be positioned in a less exposed site, for example inside the Marina or in a purpose-designed facility on the Golden Gate Fields shoreline.

This is a matter that should be carefully considered in the ferry project EIR.

Skates Restaurant

Would Skates survive being hit by a 135-foot, 169-ton ferry?



Draft Minutes
Harbor Safety Committee of the San Francisco Bay Region
February 13, 2025
https://www.sfmx.org/wp-content/uploads/2025-02_HSCMinutes_DRAFT.pdf
Total of 29 entries, the four below were LOP for passenger vessels

Loss of Propulsion (17DEC2024): A U.S. flag passenger vessel experienced a Loss of Propulsion on the port engine. Vessel moored safely at San Francisco Gate B and received permission for a one-time transit from San Francisco to Larkspur for repairs. Coast Guard issued the vessel an Operational Control, rectify Prior to Carriage of Passengers (Code 701). On 07JAN2025, vessel operator reported the root cause of the loss of propulsion as a failed fuel injector. On 21JAN2025, Coast Guard received a report that the vessel propulsion system operated as intended following satisfactory sea trials. Deficiency Cleared. Case pends.

Loss of Propulsion (23DEC2024): A U.S. flag passenger vessel experienced a reduction in propulsion on the starboard engine due to a low fuel oil pressure alarm. Vessel received permission from the Coast Guard for one time transit to Alameda facility to identify root cause, provide tech report, and conduct sea trials. Coast Guard issued an Operational Control, rectify Prior to Carriage of Passengers (Code 701). On 01JAN2025, Coast Guard received an email outlining the root cause of the reduction in propulsion to be from an issue with the ECU connecting to the starboard main engine. Vessel replaced the ECU and completed satisfactory sea trials. Operational Control Cleared. Case Pends.

Loss of Propulsion (27DEC2024): A U.S. flag passenger vessel experienced an engine stall while transiting in the San Francisco Bay. Vessel returned to Pier 3 in Alameda and determined the engine stall occurred due to a leaky fuel fitting. Vessel crew also found a loose connection at a fuel hardline which caused air intrusion into the fuel system. Coast Guard issued an operational control, rectify Prior to Carriage of Passengers (Code 701). Crew repaired the faulty connection and engine reached full RPM during satisfactory sea trials. Operational Control Cleared. Case Pends.

Operational Control (23DEC2024): A U.S. flag passenger vessel received an operational control, rectify Prior to Carriage of Passengers (Code 701). Vessel reported loss of throttle control to port and starboard propulsion drives while mooring at Pier 41. On 26DEC2024, operator submitted a tech report that no abnormalities were found, sea trials conducted satisfactorily, and all systems operational. Operational Control Cleared. On 27DEC2024, during transit, the vessel experienced loss of throttle control to the port and starboard propulsion drives. Vessel moored at Pier 41. Coast Guard issued an operational control, rectify Prior to Carriage of Passengers (Code 701). Vessel received authorization for one-time transit to Pier 9 for maintenance and repairs. On 10JAN2025, the vessel conducted sea trials. While underway the operator completed several propulsion tests, including full ahead followed by full astern. On 14JAN2025, technicians reported that the throttles were calibrated to disable themselves until RPMs reduced below 70 when going from ahead to astern. Vessel installed new throttle controls. Operational control Cleared. Case Closed.

Draft Minutes
Harbor Safety Committee of the San Francisco Bay Region
January 9, 2024
https://www.sfmx.org/wp-content/uploads/2025-01_HSCMinutes_DRAFT.pdf
Total of 19 entries, the three below were LOP for passenger vessels
Loss of Propulsion (10NOV2024): A U.S. flag passenger vessel experienced a loss of propulsion on their STBD engine due to loss of propeller while transiting to Richmond. The vessel returned to the pier and offloaded all passengers. Coast Guard issued the vessel an operational control (Code 60, Prior to Movement), with a one-time transit to Alameda for drydock. At drydock damage was found to have occurred to the strut, shaft, rudder, and cutless (sic) bearing. On 17NOV2024, Coast Guard attended vessel for sea trials, sea trials conducted satisfactorily. Operational Control Cleared. Case Closed.

Loss of Steering (22NOV2024): A U.S. flag passenger vessel experienced a loss of steering; vessel operator reported issues with the STBD steering system while underway, with alternate jet propulsion available. Vessel returned to the pier. Coast Guard issued an operational control (Code 701, Prior to Carraige of Passengers). On 24NOV2024, vessel operator submitted tech report attesting to satisfactory repairs. Vessel conducted satisfactory sea trial. Operational Control Cleared. Case Pends.

Operational Control (02NOV2024): A U.S. flag passenger vessel was issued an Operational Control (Code 70, Prior to Carraige of Passengers). While departing the pier, the vessel lost power from one of two generators, reducing propulsion to approximately 66% power. Vessel safely moored and was issued the operational control. On 03NOV2024, operator notified Coast Guard that the issue had been resolved. Identified a failure of two electrical relays that send the key switch signal to the control system. Both relays were replaced, and sea trials conducted. Coast Guard received satisfactory tech report. Operational Control Cleared. Case Closed.

From: Gordon Stout <gords11@gmail.com>

Sent: Monday, May 19, 2025 4:12 PM
To: McNulty, Liza <lmcnulty@berkeleyca.gov>
Subject: Parking-TDM Response to Parking and TDM Plan Revised Draft Addendum May 19, 2025 G. Stout.docx

WARNING: This is not a City of Berkeley email. Do not click links or attachments unless you trust the sender and know the content is safe.

Liza,

Not super happy with this, but it includes some things that may have not been covered elsewhere, so please put it into the EIR Scoping/future debates bin.

Thanks!

Gordon

Parking-TDM Response for PRWC meeting May 14, 2025 G. Stout

The parking studies that have been reported do not provide a comprehensive and accurate picture of recreational parking at the marina. Without such a picture, neither good parking plans nor a credible EIR is possible.

Much of the parking data was compromised by the fact that years' worth of the parking records were collected at 10 am and 8 pm, and hence did not accurately reflect recreational use.

Waterfront Monitors Parking Counts *Page 22/129: "The City of Berkeley Waterfront Monitors have been consistently collecting daily parking counts at the Waterfront since May 2021. The data is collected by counting the number of occupied spaces at each lot at 10 am and 8 pm, with the results recorded on a paper survey form that is later entered into a spreadsheet maintained by Waterfront staff."*

"Limitations: *The data may not reflect peak utilization which could occur outside of the hours of 10 am and 8 pm. In Spring, 2024, staff began collecting data at additional time points (2 pm and 4 pm), which was not used for this study due to the comparatively limited number of data points"*

Kittelson's 10 am-8pm data ***Limitations*** caveat highlights a problem that still shows up in the report. For example, Figure 5: Parking Utilization on Weekends (Average Saturday vs Peak Saturday), presumably this figure summarizes 10 am/8 pm data, but what time is midday, 2 or 4, or something else? And does the peak Saturday "overall public parking 75% occupied with 306 spaces remaining" refer to empty spaces in slip holder lots? This is waterfront staff data, was in collected at 10 am? And what is the "Seawall Drive/Shorebird Lot"?

It is probably true that Kittleson was set up to fail by a decision to keep the 10 am/8 pm data, but fail they did, it's confusing to read.

On the plus side, Kittelson did present the Quality Counts data, collected on

- Saturday, April 6, 2024
- Thursday, April 11, 2024
- Thursday, August 1, 2024
- Thursday, August 22, 2024
- Saturday, August 24, 2024

Five days of data for a multi-million-dollar project seems woefully inadequate, however. I presented to the PRWC a study of sixteen Google Earth images of the Skates parking lot, because the Waterfront Specific Plan wanted to place a hotel there. Of the 16 images, a third showed a significant number of cars, a third showed few cars, and a third fell in between.

Parking at the marina is variable, data sampling must be frequent enough to provide an accurate picture.

But even if it is not enough data for designing a parking plan, maybe we can learn something from these five days of Quality Counts data. Tables 1 and 2 show that on weekends the South Cove East and West lots are both extremely full, way fuller than the earlier waterfront monitor data showed. And way too full--adding even a few spillover ferry rider's cars would make South Cove parking untenable.

Let's talk about all those Kittelson plots that show the 1541 available space line way, way above the lines showing spaces actually used. Creepy, not just because the 1541 includes the 300-space Seawall Drive parking lot that the city usually keeps closed. Mostly creepy because it sounds like a scam—too-good-to-be-true.

I see the latest draft shows 300 spaces removed from the available space line to reflect the exclusion of the Seawall Drive parking lot. That's progress, but it's not nearly enough. Keep going, exclude all the lots that are just too far away from the South Cove to be useful. Spinnaker Way, Spinnaker Way Lot, D & E lots are all useless to recreational users of the South Cove. Aso, all of the slip holders parking lots (J&K, L, what's left of M, O and F&G, and H&I) are shown as "Available Spaces" (fig 6), even though filling them up with ferry parking would lead to an exodus of slip holders (who need and pay for that parking) and a major financial crisis for the Marina.

The Kittelson study describes a marina where patrons may need to park far from their desired destination, and then use wayfinding, shuttles, micromobility or walking to get where they actually want to go. This profoundly degrades the experience of spending time at the marina. Let's say I want to take my grandsons to Adventure Playground for an hour. I drive down there and park on Marina Boulevard. A shuttle is useless, as would be taking a bus to the marina—the kids have to be in their car seats, and they usually have drinks, snacks and a lot of other stuff. How long does it take to get parked and walk/micro-mobility/uber/whatever down to Adventure Playground? And what happens when you forgot your grandson's warm jacket in the car, do you have to go all the way back to grab it?

The day now centers around parking logistics rather than making stuff and zip-lining at Adventure Playground. How can you say that the Ferry project has not usurped the parking—and the happiness—of these recreational users?

The 315-space Seawall Drive lot was closed in 2018 to deal with a homeless RV encampment, and the city has kept it mostly closed ever since. At this point, that's **seven years and counting** of parking in the marina being compromised. This has been a horrendous breach of the city's responsibility to maintain public access, and has significantly exacerbated parking problems in the

South Cove as well as undermined the city's credibility with the Marina recreational communities. Perhaps the City thinks that closing the Seawall lot will make everyone forget that the lot provided important recreational parking. We did not forget:

The Berkeley Water Transportation Pier Ferry Project must plan for the following categories of parking access that historically were provided by the Seawall Drive lot:

1. Some of this lot—I would guess 50 spaces—used to provide parking for families wanting to carry in supplies to picnic or barbecue at Shorebird Park. I don't have data, but I believe that such picnics essentially stopped in Shorebird Park when the Seawall Drive lot was closed.
2. More spaces—again I would guess about 50 spaces—were used by people fishing off the pier before it was closed in 2015. There needs to be parking in the plan for these people, many of whom need to bring tackle and take fish back home, not ideal for bike or bus travel.
3. Going back in time, perhaps 100 spaces were used by Hs Lordships restaurant, and some spaces will be needed for a new restaurant if it is to be successful. Food trucks also need nearby parking.
4. Another block of spaces (10 or 20?) was used by people launching from Lordships Cove. If there is a good launch put in at the Cove, it will need, say, 50 spaces, more if the South Basin is not dredged.
5. It was a very important overflow lot for the other South Cove parking lots, way closer than Marina Boulevard and about as close as Skates.

This totals 250 spaces, maybe only 150 spaces if they stagger time-wise, are we thinking we could squeeze 150 more cars in the South Cove and Skates lots? I don't think so, not even close.

Income and Paid Parking Paid parking is of course a key strategy to try to make the Ferry project parking work. But Kittelson's Intercept Study found that 16% of responses reported household incomes of less than $50,000 and 10% less than $25,000. Also, 30% of the respondents come to the marina "a few times a week". Let's say it's 3 times a week, 30 weeks a year, and a $10 parking charge, that's 3 x 30 x $10 = $900 per year. On a $25,000 income, that's crazy! We should not allow the ferry project to force paid parking onto the Marina!

License Plate Readers, Parking Permits, and Pay Kiosks Expensive infrastructure, useful if the Marina is to be turned into a big-league ferry terminal. Not so useful otherwise.

Delayed Lot Opening Won't Keep Ferry Cars Out Morning Parking lot closures are only effective against ferry parking only if the closure covers all of the ferry departure times. But WETA projects departure times throughout the day:

WETA Berkeley Ferry Service Business Plan, Version 1.0, page 22:

Table 8 Berkeley to San Francisco Service (Illustrative Only)

	Depart Berkeley	Arrive San Francisco	Depart San Francisco	Arrive Berkeley
Weekdays AM	6:30	6:55	7:05	7:30
	7:05	7:30	7:40	8:05
	7:40	8:05	8:15	8:40
	8:15	8:40	8:50	9:15
	8:50	9:15	10:05	10:30
	9:25	9:50	10:40	11:05
	10:40	11:05	15:30	15:55
	11:15	11:40	16:05	16:30
Weekdays PM	16:05	16:30	16:40	17:05
	16:40	17:05	17:15	17:40
	17:15	17:40	17:50	18:15
	17:50	18:15	18:25	18:50
	19:05	19:30	19:40	20:05
	19:40	20:05	20:15	20:40
Weekend AM	8:30	8:55	9:05	9:30
	9:40	10:05	10:15	10:40
	10:50	11:15	12:05	12:30
Weekend PM	12:40	13:05	13:30	13:55
	14:00	14:25	14:40	15:05
	15:10	15:35	15:45	16:10
	17:00	17:25	17:35	18:00

Source: Economic & Planning Systems

So, for example, in Skates / N, J&K, South Cove West, L&M and O, Scenario 2, **Free Full Day parking after 10 am**, the lots will fill up at 10 am with all-day ferry parkers planning to take the10:40 or later ferry. **This scheme does not keep ferry parkers out of the recreational lots.**

- **Were attempts made to persuade Genentech to get their ferry riders not to park in the South Cove parking lots?**
- **Dynamic Management: if this is actually a strategy, who within the city will advocate for keeping recreational parking available? And if it is the strategy, how many years after spending all the money will you know the system works? Don't you want to know before you build it?**

Negotiate with WETA Why, oh why does Berkeley accept as a constraint whatever ridership goal WETA proposes? Berkeley is the entity with the obligation to BCDC to not allow ferries to encroach upon recreational use. Why are we not telling WETA that they may not sell so many ferry tickets that ferry parking will overwhelm the marina? Isn't that the way around it ought to be? If we told WETA they could have 300 passengers per day, the marina might remain a great park.

Recreational Users are in a Losing Position In general they arrive late, when most of the parking lots have already been scouted by the ferry and charter boat riders. And many recreational patrons do not have the income for normal paid parking or the occasional expensive "oops—missed the time limit" tickets. Bad deal for them, we should not let it happen.

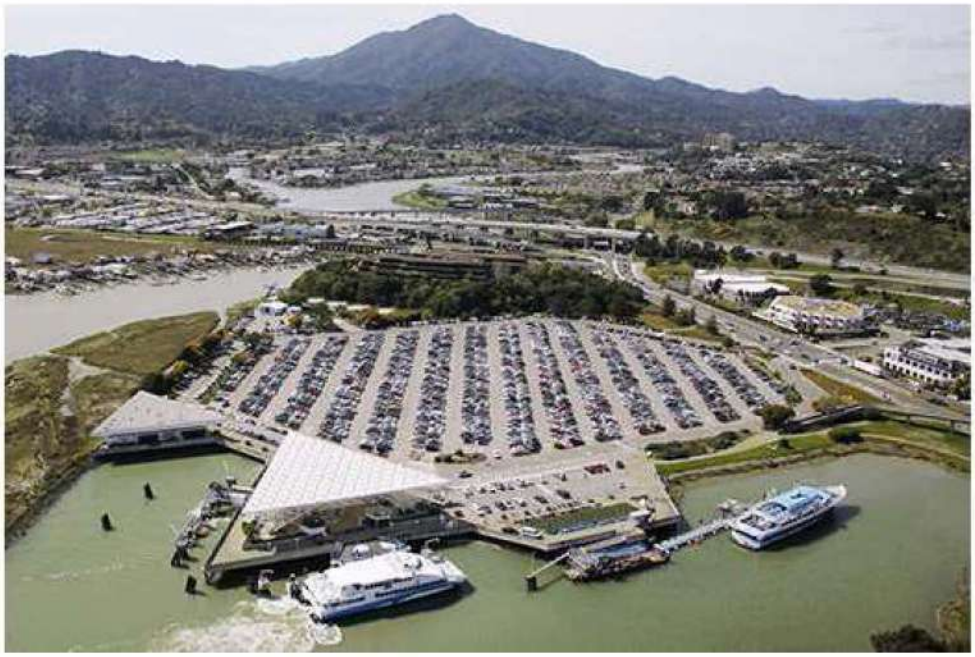
Parking in the South Cove West Parking Lot This document shows in photographs that on four winter mornings, the three main rows of the South Cove West Parking Lot were mostly full by 9:00 a.m. with cars from Genentech ferry riders and fishing boat anglers. (Perhaps you can find this report in the BMASP public response files). I sent an email to Scott Ferris and Ali Endress (see forwarded copy, perhaps also in the same place) asking that the 199 Seawall lot be opened and Genentech be enlisted to persuade their ferry riders to park there. No response to either email. I am afraid this may be an example of how effective **Dynamic Management** will be i.e., **not very**. The Genentech ferry customers still park in the South Cove West lot, which still overfills on sunny afternoons, and the 199 Seawall lot is still more often closed than not. Did the City contact Genentech? I don't know, did they?

Berkeley Police Department Lot grabbed most of L-M dock, **the lot should be given back to the marina**, we can't afford to lose this much centrally located parking for something that would be better in Berkeley proper.



How ugly do we want the Marina to become? Larkspur (below) is an example of a ferry terminal with what looks like adequate parking. Despite those cool triangular roofs, it is butt ugly. I have never felt moved to go there to relax or connect with nature or boats.

I will not love the version of the Berkeley Marina envisioned in this report. I think we should not build it. The Marina is a beautiful, beloved park, please let's keep it that way.



Parking-TDM Response for EIR April 05, 2025 G. Stout

Executive Summary

- **The parking studies that have been reported do not provide a clear picture of recreational parking at the marina. Without a clear picture, good parking plans and a credible EIR are not possible. This needs to be fixed, and soon, if 2025 is going to provide usable data.**
- **From the data and experience that we do have, it does seem clear that existing recreational parking is often maxed out without the ferry.**
- **The marina is currently used by low-income patrons for whom paid parking would be problematic. Can parking management without paid parking be made to work? Paid parking has a negative impact.**
- **The Kittelson study describes a marina where patrons may need to park far from their desired destination, and then use wayfinding, shuttles, micromobility or walking to get where they actually want to go. This profoundly degrades the experience of spending time at the marina, and should be counted as a negative impact with no obvious mitigation in the EIR.**
- **If every parking lot is completely full of parked cars, the marina will be uglier than it is now.**
- **What can families with small children do when the only available parking is in parking lots distant from where they want to take their families?**
- **Were attempts made to persuade Genentech to get their ferry riders not to park in the South Cove parking lots?**
- **Dynamic Management: if this is actually a strategy, who within the city will advocate for keeping recreational parking available?**

Waterfront Monitors Parking Counts Referring to the Kittleson study attached to the PRW meeting agenda, what is the availability of recreational parking in and around the South Cove? Dunno, darn it—the Kittelson study **still** does not have believable answers to this crucial question. Page 22/129: "The City of Berkeley Waterfront Monitors have been consistently collecting daily parking counts at the Waterfront since May 2021. The data is collected by counting the number of occupied spaces at each lot at 10 am and 8 pm, with the results recorded on a paper survey form that is later entered into a spreadsheet maintained by Waterfront staff."

"Limitations: The data may not reflect peak utilization which could occur outside of the hours of 10 am and 8 pm. In Spring, 2024, staff began collecting data at additional time points (2 pm and 4 pm), which was not used for this study due to the comparatively limited number of data points"

Kittelson's 10 am-8pm data ***Limitations*** caveat casts doubt on most of the report. In the November 18, 2024 Council Worksession, the WSP was paused to conduct a parking study to determine existing

conditions for parking. Unfortunately, the Kittelson study still relies on the 10 am- 8pm data (Figure 10). The WSP needs to remain paused until a credible parking study is conducted.

I am placing my exploration of the data question in **Appendix A** at the end of this document, because there are other issues I also want to cover:

Negotiate with WETA Why, oh why does Berkeley accept as a constraint whatever ridership goal WETA proposes? Berkeley is the entity with the obligation to BCDC to not allow ferries to encroach upon recreational use. Why are we not telling WETA that they must stop selling ferry tickets when parking overwhelms the marina? Isn't that the way around it ought to be? If we told WETA they could have 300 passengers per day, the marina might remain a great park.

The Intercept Survey has this:

- 16% (63 people) reported having cancelled their visit to the waterfront because they could not find a parking space. That is a disaster, especially if you have a car full of kids!

This is clear evidence that there is in fact not sufficient parking available.

- 16% of responses reported household incomes of less than $50,000
- 10%, less than $25,000

Unless we want the marina to be a park just for Berkeley's well-heeled, we should **not** implement paid parking here. The ferry riders will have those well-paying jobs that the Pier-Ferry project touted in selling itself to the City Council, so they should have much higher incomes than many of the recreational marina patrons. Ferry riders will be able to afford "penalty" tickets, recreational patrons may not.

Recreational Users are in a Losing Position They arrive late, when most of the parking lots have already been scouted by the ferry and charter boat riders. And many recreational patrons don't have the income for normal paid parking or the occasional expensive "oops—missed the time limit" tickets. Bad deal for them, we shouldn't let it happen.

Families can't readily move from one parking lot to another Say your minivan full of kids can't find a parking space in the West Cove lot to go to Adventure Playground. Are you going to park up on Marina Boulevard and somehow walk, shuttle, bike, or Uber your kids back to Adventure Playground?

Parking in the South Cove West Parking Lot This document shows in photographs that on four winter mornings, the three main rows of the South Cove West Parking Lot were mostly full by 9:00 a.m. with cars from Genentech ferry riders and fishing boat anglers. In response, I sent an email to Scott Ferris and Ali Endress (see forwarded copy) asking that the 199 Seawall lot be opened and Genentech be enlisted to persuade the ferry riders to park there. I am afraid this may be is an example of how effective Dynamic Management will be i.e., **not very**. The Genentech ferry customers still park in the South Cove West lot, which still overfills on sunny afternoons, and the 199 Seawall lot is still more often closed than not.

Parking Variability at the Marina (document, see separate email) A series of 16 Google Earth images shows dramatically different parking utilization on different days for a parking lot that BMASP has considered for a hotel site. An overflow lot is great for flexibility, but only If it doesn't have a hotel plunked down on it.

Berkeley Police Department Lot grabbed most of L-M dock, **the lot should be given back to the marina**, we can't afford to lose this much centrally located parking for something that would be better in Berkeley proper.



Parking Lot Closures Morning Parking lot closures are a useful strategy against ferry parking only if the closure covers the ferry departure time. But WETA projects departure times throughout the day:

WETA Berkeley Ferry Service Business Plan, Version 1.0, page 22:

Table 8 Berkeley to San Francisco Service (Illustrative Only)

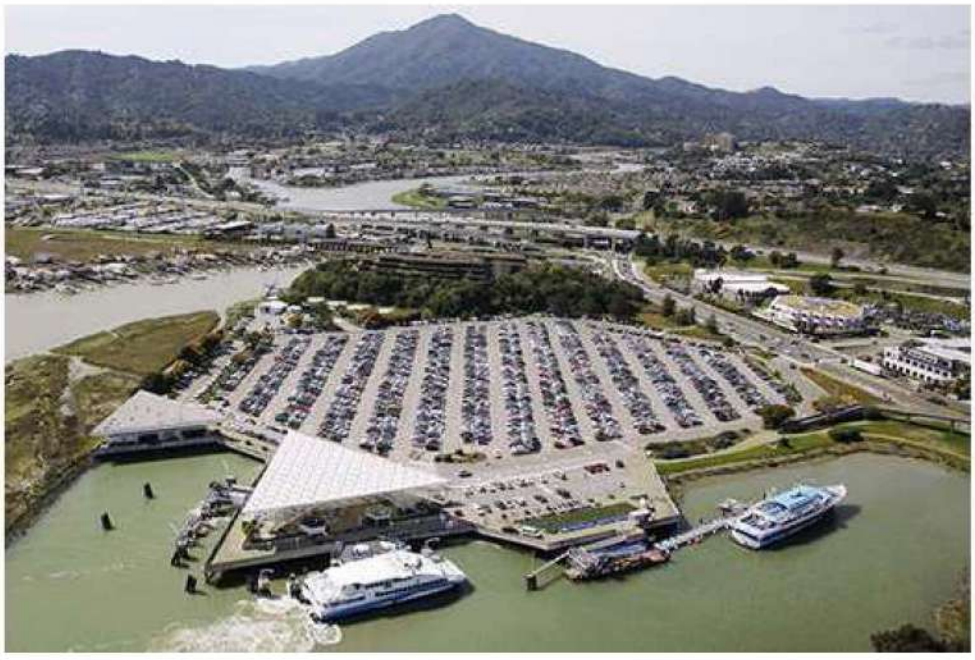
	Depart Berkeley	Arrive San Francisco	Depart San Francisco	Arrive Berkeley
Weekdays AM	6:30	6:55	7:05	7:30
	7:05	7:30	7:40	8:05
	7:40	8:05	8:15	8:40
	8:15	8:40	8:50	9:15
	8:50	9:15	10:05	10:30
	9:25	9:50	10:40	11:05
	10:40	11:05	15:30	15:55
	11:15	11:40	16:05	16:30
Weekdays PM	16:05	16:30	16:40	17:05
	16:40	17:05	17:15	17:40
	17:15	17:40	17:50	18:15
	17:50	18:15	18:25	18:50
	19:05	19:30	19:40	20:05
	19:40	20:05	20:15	20:40
Weekend AM	8:30	8:55	9:05	9:30
	9:40	10:05	10:15	10:40
	10:50	11:15	12:05	12:30
Weekend PM	12:40	13:05	13:30	13:55
	14:00	14:25	14:40	15:05
	15:10	15:35	15:45	16:10
	17:00	17:25	17:35	18:00

Source: Economic & Planning Systems

All day, every day! Parking lot closures will not be a useful strategy against this kind of schedule.

How ugly do we want the Marina to become? Larkspur (below) is an example of a ferry terminal with adequate parking. Despite those kinda cool triangular roofs, it is butt ugly. I have never felt moved to go there to relax or connect with nature or boats.

I will not love the version of the Berkeley Marina that is envisioned in this report. I think we should not build it. The Marina is a beautiful, beloved park, please let's keep it that way.



Appendix A: Which data is the basis for which tables and charts?

Water Transportation
Pier Ferry Project
Parking and TDM Plan
Berkeley, CA

Prepared for:
City of Berkeley Parks, Recreation & Waterfront Department
2180 Milvia Street, 3rd Floor
Berkeley, CA 94704

Prepared by:
Kittelson & Associates, Inc.
155 Grand Avenue, Suite 505
Oakland, CA 94612
510.839.1742

Project Manager:
Amanda Leahy

Project Team:
Phil Worth
Dhawal Katara
Jonathan Zisk
Tarang Shah
Alek Pochowski

March 7, 2025

On page 22/129 Table 2 is placed right after the Waterfront Monitors data gathering description, which is almost exclusively gathered at 10:00am 8:00 pm. Kittelson notes:

"Limitations: The data may not reflect peak utilization which could occur at times other than 10 am and 8 pm. In Spring, 2024, staff began collecting data at additional time points (2 pm and 4 pm), which was not used for this study due to the comparatively limited number of data points."

But 10 am data misses most recreational parking, so most of the charts of parking utilization are misleading. Trying to figure which of the data is 10 am only is not easy, see below.

Table 2 data is clearly from the Waterfront Monitors and is 10:00am 8:00 pm data.

3.2. Existing Parking Utilization

The City of Berkeley Waterfront Monitors have been consistently collecting daily parking counts at the Waterfront since May 2021. The data is collected by counting the number of occupied spaces at each lot at 10 am and 8 pm, with the results recorded on a paper survey form that is later entered into a spreadsheet maintained by Waterfront staff. The data collection methods have been refined over time to better support parking management objectives. Kittelson reviewed data from May 2021 to February 2024. During data processing, some lots had to be merged for various reasons, such as a lack of physical boundaries between them or combined data reporting for adjacent lots.

Limitations: The data may not reflect peak utilization which could occur at times other than 10 am and 8 pm. In Spring, 2024, staff began collecting data at additional time points (2 pm and 4 pm), which was not used for this study due to the comparatively limited number of data points.

Table 2 measures parking utilization by lot for average and peak weekdays and Saturdays. Across all lots, parking utilization averaged around 31% on weekdays and 49% on Saturdays. Peak weekday parking was 50% utilized, while peak Saturday parking was 79%. This Waterfront-wide peak period occupancy estimate is a conservative aggregation of each lot's individual peak utilization. It is therefore likely that, even during peak periods, the Waterfront has more than 300 available spaces, spread across various lots.

Table 2. June Parking Utilization at the Berkeley Marina, 2021-2023

D&E lot	129	31	24%	42	33%	41	32%	67	52%
Spinnaker Way Lot	36	14	39%	29	81%	36	100%	71	197%
Marina Blvd	150	41	27%	59	39%	59	39%	91	61%
Spinnaker Way	127	45	35%	67	53%	77	61%	90	71%
F, G, H, & I Lot	115	39	34%	57	50%	44	38%	90	78%
J&K lot	92	49	53%	77	84%	73	79%	87	95%
South Cove East /West Lot	182	62	34%	110	60%	108	59%	191	105%
L&M[3] Lot	91	40	44%	64	70%	43	47%	55	60%
O Lot	72	28	39%	41	57%	46	64%	87	121%
Seawall Drive	90	24	27%	38	42%	35	39%	77	86%
Skates/N Lot	137	10	7%	31	23%	41	30%	64	47%
Totals	1,221	383	31%	615	50%	603	49%	970	79%

Source: Kittelson & Associates, Inc. 2024.
Note: The peak Saturday utilization for Spinnaker Way Lot exceeded the capacity due to data collection error in which some of the Launch Ramp Paid parking was counted at the adjacent Spinnaker Way Lot.

Figure 3 presents the same data, (**Average and Peak Utilization by Lot**)

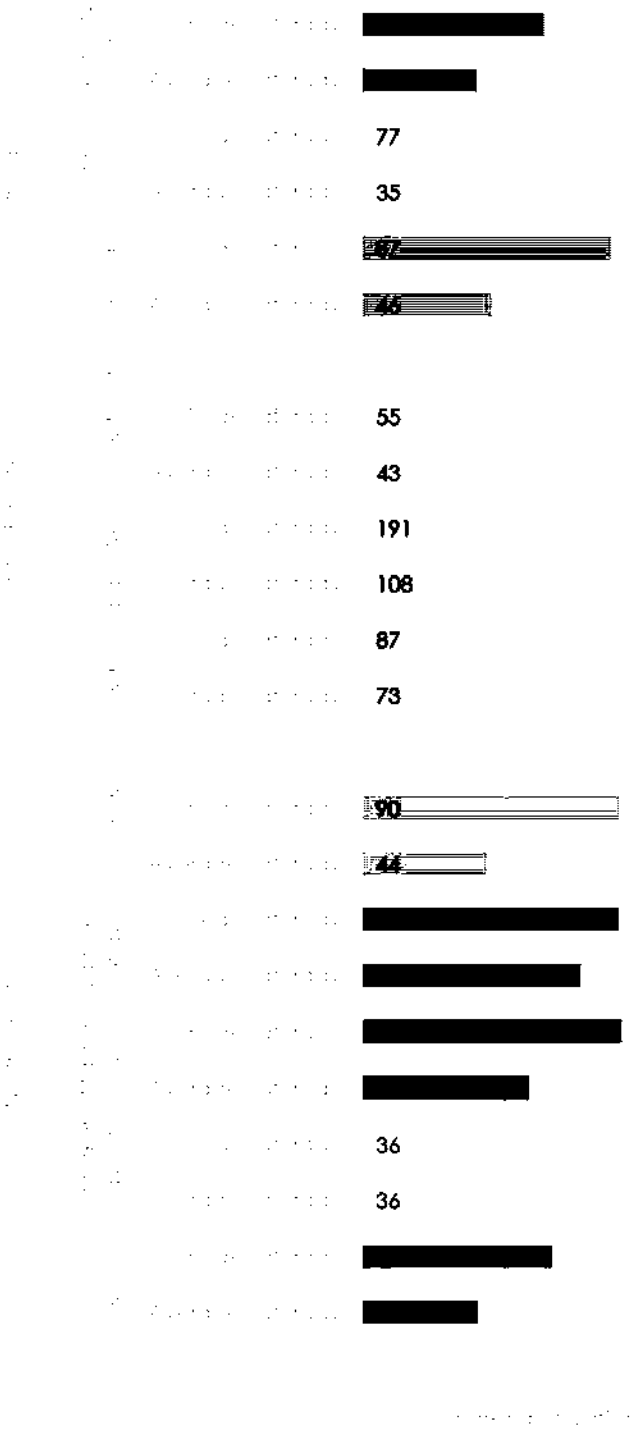
3.3. Time of Day Utilization describes the Quality Counts, Figure 4 is Quality Counts Data, but it is averaged across many parking lots and is therefore not very useful

Moving down to **Section 6.0 Review of Parking Counts**, Figures 6, and 7 are identified *"Source: Parking Counts by Waterfront Staff, Data Compiled by Kittelson & Associates, Inc. 2024"*

Figure 8 and 9 are presumably from the same 10 am data, and Figure 10 also has a subhead *Source: Parking Counts by Waterfront Staff, Data Compiled by Kittelson & Associates, Inc. 2024.* Figures 8 and 9 show the Figure 10 data, so also are Waterfront Staff numbers, i.e., 10 am data.

The map figures (eg 8 & 9) don't have figure names/identifiers, and like many of the figures and tables don't identify which data set they are drawn from. Very frustrating.

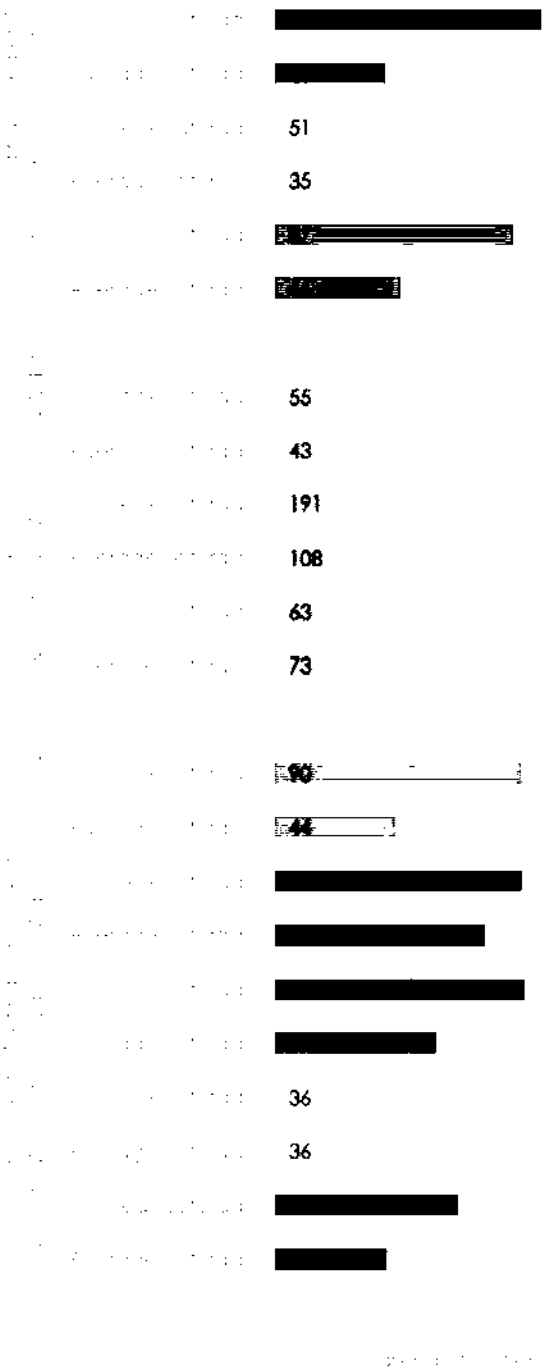
Figure 10: Parking Utilization on Weekends (Average Saturday vs Peak Saturday)



Source: Parking Counts by Waterfront Staff, Data Compiled by Kittelson & Associates, Inc. 2024
Note: Data does not include Seawall Drive/ Shorebird Lot.

Kittelson & Associates, Inc.

Here is a puzzle. Below is a figure presented at the Council Worksession November 18, 2024. Not identical to Figure 10 above, what's that about? Which one is accurate and which one is not?



From: Gordon Stout <gords11@gmail.com>
Sent: Monday, May 19, 2025 2:56 PM
To: McNulty, Liza <lmcnulty@berkeleyca.gov>
Subject: Fwd: Wind, Waves, and Lee Shore at the WETA Ferry Dock

Liza,
This is a somewhat different set of considerations for the WETA ferry dock location, please also include it with the EIR scoping inputs.
Thanks!
Gordon

Wind, Waves, and Lee Shore at the WETA Ferry Dock Location

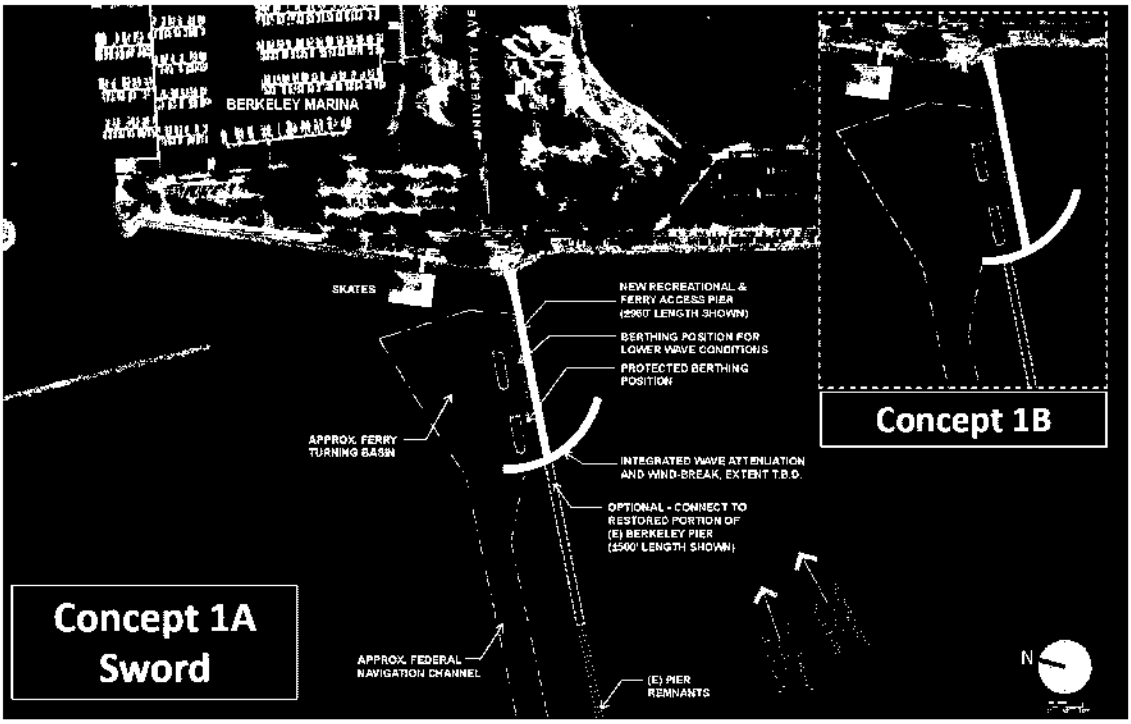


This is a still picture from a video (attached, I suggest you watch it) of conditions in Berkeley's south sailing basin with a strong south wind blowing directly across the south-facing seawall. Note the reflected waves, and the spray overtopping the seawall. With a strong north wind, the proposed north-facing WETA dock would probably look something like the video, with waves breaking over the dock and soaking anyone on it.

North and South Winds

Strong North and South wind events happen several times a year on the Bay. The figure below shows the Sword configuration presented at Workshop #2. Wave protection looks good for the predominant west-to-southwest wind directions, but strong North to Northwest wind and waves would hit the WETA docks with full force, with waves overtopping the docks much like the waves in the video. Protecting the WETA docks against waves coming from the north is not at all easy because a breakwater cannot be placed within or directly upwind of the ferry turning basin. This is a serious problem for a dock in this location, which probably would mean cancelling ferry service on days with north winds above a certain threshold.

For a South wind, the 'Sword' hilt forms (as labeled in the figure) a Protected Berthing Position, but if there is no wave attenuation for the Lower Wave Condition berth, waves would probably overtop the float in full view of passengers waiting in line for the ferry in the Protected Berthing Position. Entertaining, perhaps, but not confidence-inspiring. Wave attenuation for south wind storms needs to be present for both the Lower Wave Condition berth and the Protected Berthing Position.



Nearby Lee Shore

In the usual westerly summer winds, an inbound ferry will come downwind to a position north of the ferry's berth, then make a 180° turn in the "Ferry Turning Basin" so it ends up pointed upwind when docked. But the summer winds are often well above 25 mph, and the waves can be substantial, a bit like those in the picture above. The 180° turn would at the very least give the ferry captains a good chance to demonstrate their skill.

There is a significant hazard here, however: the ferry turning basin is just a few boat lengths upwind of both the rocky shore and the Skates restaurant. If a ferry were to lose power or steering control just before the 180° turn, it would not take long for the ferry's eastward motion, helped by a strong summer wind, to carry it down to the shore. It might ground on the rocks, which would be dangerous, or collide with the Skates restaurant, which would be very dangerous indeed. Skates is built on tall, slender pilings (see below) and might not survive a collision with a 135-foot-long ferry, especially if the ferry were to drift under the restaurant. The chance of injury in such an accident would be significant.

Perhaps after a power loss there would be time and room to set an anchor, perhaps not—an anchor would have to be dropped almost immediately after loss of power to have a chance of stopping the ferry in time. For the crew to deal with such a situation, they must have appropriate equipment and rigorous training in how to use it, very much like the training aircraft pilots receive for engine failures during takeoffs.

With well-maintained ferries, this kind of power loss should be a very rare event. Given the potential hazard involved, though, I think this is a safety issue that needs to be carefully evaluated for this site.

WETA's new Treasure Island ferry dock also has a windy location and a close lee shore—and, for what it's worth, a breakwater to protect against north winds and waves. Perhaps WETA has investigated this problem. If so, they should share their work.



Wind and Wave Modeling

In 2018, the city commissioned a study by GHD, *Small Scale Ferry Terminal FS Berkeley Municipal Pier_DRAFT.pdf* , that should have helped with the design of the pier and the identification of the lee shore problem. Unfortunately, the study used wind data from NOAA's Alameda Station, a far less windy location than the Berkeley Marina, so the wave modeling was for 12 mph west wind and was therefore useless (see pages iii, 24, and 25). If the Berkeley Pier docking site is to be used, a wind and wave study should be completed using real-world data, probably obtainable from iWindsurf, which has several nearby wind sensors and archives of wind strength/direction data. This data should allow modeling wave action for all wind directions, and so guide the design of wave protection for the ferry docks. Modeling should include prediction of silting resulting from candidate breakwater designs.

Pier Structure Design

The design of the pier structure also needs consideration: the design chosen has monopile bents along the pier centerline, unlike the existing pier which has its pilings along the north and south pier edges.

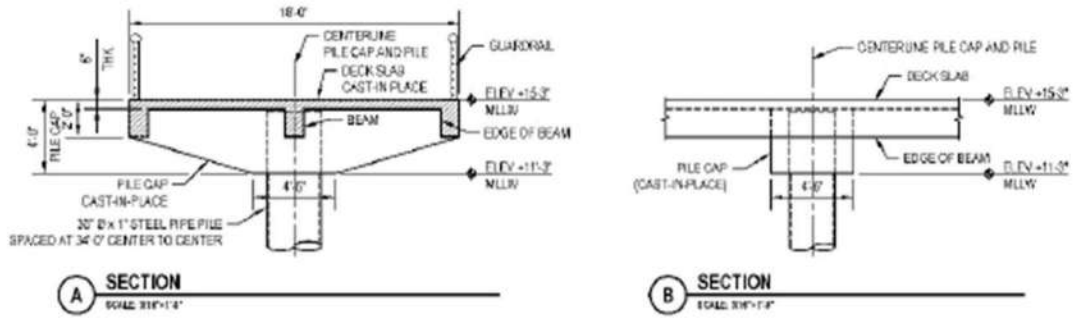


Figure 8 – Replacement Pier Concept using Monopile Bents

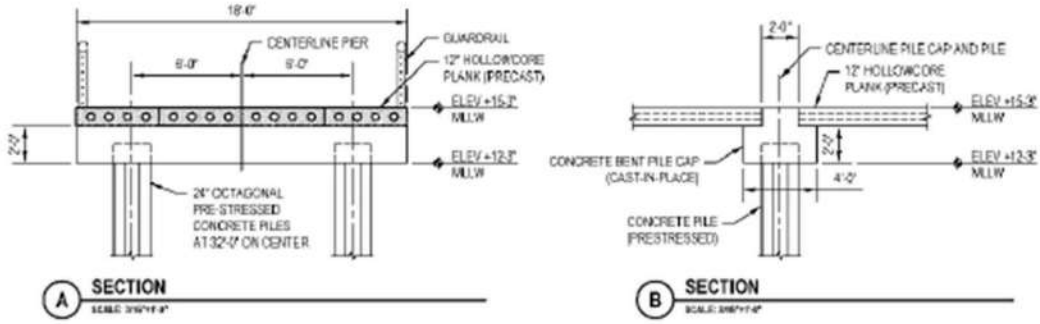


Figure 9 – Replacement Pier Concept using Two Concrete Pile Bents

This design choice has safety implications: the centerline structure makes it much more likely that a boat that gets blown against the pier will end up under the pier deck (see picture below of a boat blown under the San Mateo bridge in 2009). Widening the stance of the two concrete pile bents and keeping the along-pier pile spacing low would provide better protection against a boat ending up under the pier.

(Figures above from study by GHD, *Small Scale Ferry Terminal FS Berkeley Municipal Pier_DRAFT.pdf,* pages 11 and 12.*)*



Michael Macor / The Chronicle

Picture/story:
https://www.sfgate.com/bayarea/article/Crews-to-move-boat-stuck-at-San-Mateo-Bridge-3165070.php#photo-2297687

In addition to the safety implications, the location of the piles has implications for fishing from the pier, since the pilings and the biomass that attaches to them are part of the food chain of fish and crabs. The current pier construction allows fishing directly adjacent to the pier support pilings, which, if I remember from long ago, gets more bites. This should be looked into before finalizing the design. Keeping part of the underwater structure of the old pier should also be considered.

Dredge the North Marina Entrance

As a person who goes in and out of the marina under sail, I would choose to use the north harbor entrance at times when both ferries and fishing charter boats are likely to be using the south entrance. Therefore, I think that the ferry project should undertake the dredging of the north harbor entrance as well as the south one, so that boats leaving and entering the marina have the opportunity to avoid possible congestion near the ferry dock.



From: Hayley Currier <hayleysc@gmail.com>
Sent: Saturday, May 17, 2025 5:52 PM
To: McNulty, Liza <lmcnulty@berkeleyca.gov>
Subject: BWTPF EIR Scoping

WARNING: This is not a City of Berkeley email. Do not click links or attachments unless you trust the sender and know the content is safe.

I am writing regarding the development of the Berkeley Marina. As an avid swimmer, I swim weekly there, with dozens of others, including the Selkies. Please protect this essential public recreation activity as you plan the marina! It is a free activity that anyone can partake in, and the marina is a well loved swim spot. By investing in the infrastructure in the area to make swimming easier and more pleasant (locker rooms, hot showers, easy and safe acces points) you will bring more swimmers to the area, encourage exercise and recreation, and make Berkeley a more appealing place to live and invest in.

Hayley Currier
Berkeley Resident, 18 years

From: Jack Appleyard <jackappleyard@sbcglobal.net>
Sent: Friday, May 9, 2025 6:07 PM
To: McNulty, Liza <lmcnulty@berkeleyca.gov>
Subject: Negative Impact of Ferry Project on Recreational Use

WARNING: This is not a City of Berkeley email. Do not click links or attachments unless you trust the sender and know the content is safe.

Linda

The Ferry Project as proposed will have a serious negative impact on long established recreational uses.

As someone who has enjoyed swimming at the Berkeley Marina for several years, I want to highlight the importance of the cove by the former HS Lordships site and its adjacent parking. Oyster Cove is the only deep water access for swimming in Berkeley and much of the East Bay. When the tide is low in the South Basin, the water at the kayak dock is too shallow for swimming. Consequently this is the only access for swimming during much of the tidal cycle. When the wind is blowing, the cove is used extensively by wingfoilers who need deep water for their hydrofoils. These recreational uses have occurred for many years and this unique deep water access must be preserved. These swimmers and windfoilers have also improved and maintained this cove, in contrast to the general neglect of this area by the city.

In order to protect these uses, designated recreational parking must be available adjacent to the site. Wet, chilled swimmers need quick access to their vehicles for changing. Wingfoilers need adjacent parking in order to limit the carrying distance with heavy gear. By contrast, ferry commuters have few belongings and anticipate a walk in SF to reach their destination. Hence a stroll in the parking lot to the ferry pier is not out of the ordinary. Also, public transportation is impractical for swimmers and windfoilers, but it is reasonable for commuters. Ferry parking is a static use of a vehicle space for 8 or more hours by commuters who are spending their time and money elsewhere. Active recreational use in Berkeley deserves equal consideration with those who are leaving town for the day.

The appropriate solution to these competing needs for parking is to create a designated zone for recreational users, utilizing the spaces closest to the cove.

Jack Appleyard (Berkeley resident for more than 50 years)

From: Jessica Ma <jma408408@gmail.com>
Sent: Tuesday, May 6, 2025 8:29 AM
To: McNulty, Liza <lmcnulty@berkeleyca.gov>
Subject: BWTPF EIR scoping comments

WARNING: This is not a City of Berkeley email. Do not click links or attachments unless you trust the sender and know the content is safe.

Hi,

Swimmer Jack Morel made two excellent presentations highlighting swimmers concerns.
Much was said by many concerning parking concerns. Please take into account our swimming community and access to these public lands and waters. This is crucial to our physical and mental health.

Thanks for your time,

Jessica Ma

Jim McGrath
2301 Russell Street
Berkeley, CA 94705
March 18, 2025

Scott Ferris
City of Berkeley
2180 Milvia
Berkeley, CA 94704

Subject: Parking at Berkeley marina, Kittelson Report dated March 7. 2025

Dear Mr. Ferris:

INTRODUCTION AND SUMMARY

In January of 1967, Berkeley received a permit to fill an area of the bay and expand Berkeley marina to "...**permanently establish public access and recreational use for a sizable part of the Berkeley shoreline.** " (From the minutes for BCDC approval on January 20, 1967, Permit No. 28-66) The Bay Conservation and Development Commission, guardians of the Bay from relentless fill proposals, relied on the assurances of the city that the parking lot: **"would be used primarily for patrons of the restaurant, park and beach"**

But Berkeley has failed to maintain the facilities that justified the bay fill and now proposes a massive ferry terminal that could sacrifice the promised recreational benefits to a facility that will cost the city at least $29 million and will generate no revenue. That terminal, if approved, will generate no revenue to help maintain the marina, and the $94 million in deferred maintenance will remain deferred. Berkeley has not been forthcoming about the other costs that such a terminal might entail.

The Kittelson report is part of an effort to whitewash the potential impacts of a massive ferry terminal on the promised recreational use. It is inadequate, using misleading statistical methods to minimize what little data it has. It substitutes irrelevant data while excluding relevant data, and falsely claims that it is a comprehensive analysis of parking.

In an effort to retain some aspects of their professional reputation, Kittelson tips us off to the problem:

> **The data may not reflect peak utilization which could occur at times other than 10 am and 8 pm.** In Spring, 2024, staff began collecting data at additional time points (2 pm and 4 pm), which was not used for this study due to the comparatively limited number of data points.

Of course 10 am and 8 pm are not characteristic of peak recreational times. But the city has used this irrelevant data, while not including staff counts that showed the recreational parking lots 96% full on some weekdays and spent only a paltry $22,000 on actually counting parking. The document is fatally flawed, and the city needs to start over again and develop a factual baseline of recreational use and parking behavior—as stakeholders have said for years. I'll provide the details and supporting citations below.

BAY PLAN TESTS

Berkeley was granted State Tidelands and given permits, loans and grants to create **a regional recreational facility**. Those grants and permits establish policies, such as those found in the BCDC Bay Plan, and in the Water Trail legislation, that gave Berkeley funding, and permits to fill the Bay, *in exchange* for assurances that Berkeley would provide a regional facility, not one merely for Berkeley residents. That policy guidance has generally been ignored by Berkeley as it tried to push through a commuter terminal that poses an existential threat to the regional recreational facility that currently exists.

Berkeley Marina is designated as a waterfront park priority use area in BCDC's Bay Plan. Further guidance for protection of recreational use is established in Recreational Policy 9:

> Ferry terminals may be allowed in waterfront park priority use areas and marinas and near fishing piers and launching lanes, **provided the development and operations of the ferry facilities do not interfere with current or future park and recreational uses**, and navigational safety can be assured. Terminal configuration and operation should not disrupt continuous shoreline access. **Facilities provided for park and marina patrons, such as parking, should not be usurped by ferry patrons.** Shared parking arrangements should be provided to minimize the amount of shoreline area needed for parking.

Plan Map 4 in the Bay Plan provides further and specific guidance to "**Preserve** marina, beach, small boat launch, **windsurfing access, fishing pier**…

These policies—ignored in nearly every City of Berkeley document—establish a two-part test before a ferry terminal can be considered and additional policies that protect the existing recreational community. First, if land might be needed for future park and recreational use, it cannot be used for a ferry terminal. Current zoning efforts of the city might lead to a doubling of Berkeley's population, and cooler areas like the Bay's waterfront parks are critical for heat relief as the climate warms. Second, parking for recreational users cannot be usurped by ferry patrons. Finally, measures must also be taken to

preserve existing access points, and to mitigate any adverse impacts on existing access opportunities.

THE CITY'S PARKING STUDIES ARE INADEQUATE AND DO NOT ADDRESS BAY PLAN POLICIES TO PREVENT USURPATION OF EXISTING USERS

The city has not established a baseline of existing recreational use, or parking needs. Instead, the city has used irrelevant information which it then claims shows that there is plenty of parking available for recreational users. To demonstrate that parkers for a proposed ferry would not usurp the needs of recreational users protected by the Bay Plan, the city must understand what those needs are. The Kittelson report claims that the document provides ..."a comprehensive review of current parking conditions." On March 12, 2025, City staff went even further, claiming that they were using 18,000 data points to establish what current patterns are. Those claims are not true. In fact, the city has only developed parking counts on two weekdays during the recreational season.

The city had staff collect the number of parked cars, focusing on the presence of RV's, after an RV camp was cleared from the Seawall parking lot. Those counts were taken at 8:00 PM and 10:00 AM, times when few recreational users are in the marina. The forms that were used and the timing of the counts make it clear that the purpose of the counts was to determine whether cars, and particularly RV's, were parked in the marina overnight. The counts had nothing to do with establishing a baseline of recreational use and parking needs. Presentation of that data as a comprehensive review of current parking conditions at best reflects a misunderstanding of the proper use of data. When developing or interpreting a time series, it is standard engineering practice to keep data generated by different populations of behavior separate. Here the data collected by city staff inventories fourteen different parking lots in the marina, at a time when recreational activity is near a minimum. Those counts might reveal something about parking by ferry passengers and fishing boat passengers at South Cove West, or dog walkers and joggers at Cesar Chavez. But they do not provide any information about recreational use at the South Basin, which usually begins after noon on weekdays and continues until about 6:00 PM. Combining data from different populations also destroys whatever statistical value that data may have had. In the current case, including this data in the Kittelson report and representing this as a comprehensive review of current parking conditions misrepresents the number of recreational users during peak recreational season and times.

The city is aware of the potential for ferry riders to usurp recreational parking. Earlier studies by Nelson\Nygard recognized the problem of ferry passengers parking in the south basin. Their memorandum dated September 11, 2018, stated:

> Since August 29th, ferry passengers have been directed to park in the Marina Boulevard Lot with signage and communication by PropSF and Tideline to their customers. However, very few users, if any, have heeded this request. Ferry customers continue to park in South Coast East, J&K and L&M Lots due to a lack of enforcement. **Since reopening, South Coast East Lot experiences as much as 90% occupancy**.

The problem of ferry parkers usurping recreational users was well known to both BCDC enforcement staff and Parks and Recreation management; in a letter dated April 15, 2019, Scott Ferris acknowledged to BCDC that the approval of two small ferry leases—without consideration of the Bay Plan policies or public process—"**has had the effect of squeezing out visitors**..."

Notwithstanding this history, city staff told the planning Commission on May 10, 2023, that weekday parking utilization on that same lot was 5%. (slide 24, Power Point Presentation titled Waterfront Specific Plan for the City of Berkeley Public Tidelands Area.) In fact, data collected by city staff but not used in the Kittelson report shows parking utilization in those two South Basin lots as high as 96% on summer weekdays.

Stakeholders in the marina sent city staff more than a dozen time-dated photographs showing heavy use of the South Basin East and West and J & K lots, the closest overflow lot to the South Basin East and West lots. Those photographs, submitted by Gordon Stout, included aerial photos that showed that riders on the Genentech ferry continue to park in the recreational areas, usurping space for visitors. The city has made no attempt to quantify that use, although it has plenty of data since the lease for the ferry operation requires payment for each passenger boarding.

Stakeholders also commented, in writing, that the work program for Kittelson studies was not collecting sufficient parking information at the times when recreation use was greatest. The city went ahead with their plan to only measure use on five days—at a minimal cost of $22,000. Only two of those days were during the weekdays when ferry parkers were most likely to usurp parking needed for recreation. The data from those studies has not been released.

I noticed in the draft Kittelson report that city staff had completed additional traffic counts but they had not been used in the study. I submitted a Public Record Act (PRA) request, and received that data in a spread sheet titled "Waterfront Parking Data—collected by City

staff" Most of the data was collected at 8:00 PM and 10:00 AM—times when recreational use is minimal. But the city collected parking counts on 11 days between July 23, 2024, and August 23, 2024. This only represents one month and is not the busiest at the marina—according to the presentation to the Parks Commission on March 12, 2025, June is the busiest month. Data was only collected at 4:00 PM, which does not span the whole peak recreational period of 2:00 PM until 6:00 PM. However, for the two recreational lots closest to the proposed ferry terminal, use on weekdays was often more than 70% full, and as high as 96% (August 1), 92% (July 23), and 91% (July 31). The city has excluded these counts that indicate the parking lots that might be affected by development of a ferry terminal are already full and vulnerable to usurpation, arguing that the data involved—eleven data points—is "comparatively limited." The city prefers its two days of information and counts that were not taken during recreational periods. This is not an acceptable use of limited data and avoids the obvious solution—collect sufficient data to characterize existing recreational uses. Spend more than $22,000 on the fundamental issue raised by the proposed ferry terminal.

THE KITTELSON APPROACH OF COMBINING DIFFERENT POPULATIONS OF PARKING INFORMATION AND AVERAGING THE RESULT IS AN IMPROPER USE OF DATA

Earlier I established that proper use of time series data requires that different populations of data be kept separate. There are twelve different parking lots in the marina, and probably as many different recreational activities. Correct use of data, if sufficient relevant data were to be collected, would identify which parking lots are underutilized and when. That would be a valuable tool in determining whether ferry passengers could be accommodated without usurping existing recreational activities. The approach used in the Kittelson study improperly combines both different locations and different times. This destroys the statistical value that the data has and improperly implies that use is less than it actually is. In effect, times of little use are used to improperly dilute the significance of high use times, and the manipulated data is then presented as a comprehensive analysis.

FUTURE RECREATIONAL NEEDS HAVE NOT BEEN CONSIDERED

The cited BCDC policy reserves some waterfront land, including Berkeley Marina, as park priority areas, recognizing that the land might be needed for future recreation as population increases. The city has failed to account for growing recreational activities, like winging, a newer form of windsurfing, kayaking and swimming. As the climate warms, and as Berkeley provides zoning for a large increase in population in their land use plans and zoning, cooler refuges like Berkeley marina become more important. The city has made no

effort to characterize future recreational needs for the region, while it has accepted public funds for a regional recreational facility.

The lack of specific consideration for fishing, given the Bay Plan policies, is of particular concern. At one time, as many as 100,000 anglers fished from the Berkeley pier each year—an average of about 300 a day. Even if only half of them drive, that is a demand for 150 parking spaces—and they formerly parked on Seawall lot, now proposed to be parking for a new ferry terminal. We have seen how improved facilities attract new users at the South Basin East parking lot and at Albany Beach. But no effort has been made to provide either a baseline for such returning and new users, or any accounting for their infrastructure needs. The same concern exists for the reopening of the former H's Lordships restaurant, closed now for many years. A new lease of that building, or any new visitor-serving facility on the filled land, would generate parking use—which has not been considered.

THE PROPOSED FERRY TERMINAL WOULD HAVE CAPACITY FOR UP TO 3200 DEPARTING PASSENGERS

The project described in background documents would involve ferries with a capacity to carry 400 passengers departing from Berkeley, with eight departures a day. The Kittelson study uses a much lower estimate of passengers to evaluate potential impacts, selecting 2,110 ridership and the year 2040 for analysis. This is different from the plans presented in WETA's update of their long-term plan for 2050, dated April 12, 2023. On Page 24, in Table 11, it provides 4 different ridership forecasts for the proposed Berkeley service. The "Steady as it goes" scenario forecasts a ridership of 2,500. The "Throttle Back" scenario forecasts a ridership of 1,800. The "Chart New Course" scenario forecasts a ridership of 4,000. The "Tack to the Wind" scenario forecasts a ridership of 2,600. Instead of these scenarios in the 2023 document, the Kittelson report (page 16) uses an earlier, 2022 WETA business plan and only goes to 2040. They thus have a ridership total of 2,110, well below three of the WETA scenarios, or the actual capacity of the proposed facility. The use of an earlier report and an earlier year suggests a lower ridership—and thus misrepresents the level of passengers WETA is planning for. The more serious issue is that WETA plans for 400 passenger ferries and 8 departures from Berkeley. That is a capacity of 3200 departing passengers in the infrastructure that is being proposed. The city plan, and the Kittelson's parking studies, need to evaluate all the possible scenarios, including the capacity for up to 3200 departing passengers, to create a meaningful basis for evaluating consistency with the Bay Plan policies.

THE REPORT USES OPTIMISTIC ASSUMPTIONS ABOUT MODE SPLIT RATHER THAN DATA FROM BERKELEY'S SMALL FERRIES AND OTHER WETA TERMINALS

The city uses assumptions about mode split rather than readily available data of actual mode split. That approach, especially in combination with the practices of averaging parking, could significantly underestimate the demand for parking by ferry passengers. The Kittelson report significantly lowers the assumptions for those driving from the estimates and assumptions of Nelson\Nygard in their September 11, 2018, report. Berkeley has experience with three different small ferry operations in the marina since 2018 that could provide real data about mode split, instead of using assumptions. WETA also operates other terminals and has circulated surveys to estimate mode split. Richmond's facility is analogous to the proposed Berkeley facility because it is also located in the waterfront away from residential areas. There, 57% of passengers drive alone, and another 17% may carpool take transit, or be dropped off. That matches the mode split proposed by Nelson\Nygaard much more closely than the new, much lower assumptions used in the Kittelson report. Where there is a regulatory standard, as there is in the Bay Plan, assumptions that are not supported by substantial evidence in existing terminals, should not be used if they increase the risk that ferry parkers will usurp recreational parking. If the 60% drive alone or carpool and park figure recommended by Nelson\Nygaard is used, at least 630 drivers will be looking for a parking place in Berkeley marina—and potentially far more. The nearest parking lots are the high recreational use lots in the South Basin, which total only about 200 spaces. Usurpation of those lots could easily occur and would compromise or end much of the existing recreational use. City efforts to date have not considered the BCDC Bay Plan policy, or successfully controlled parking in the recreational areas; passengers on the Genentech ferry park in the South Basin West lot and the city has made no effort to quantify or control that use of scarce recreational parking.

BERKELEY NEEDS TO VERIFY BICYCLE USE RATHER THAN MAKE ASSUMPTIONS

While the Nelson\Nygaard estimate of 60% driving alone or carpooling has substantial evidence supporting it, the assumption that 18% of passengers will ride bicycles does not. The bike share at Richmond is 11%. It is a bit higher at Harbor Bay, (14%) but there is a substantial residential population close to that terminal. While bicycle advocates favor improving bicycle ways, it is not clear that 18% is a reasonable assumption. The most recent estimate of bicycle commuting in Berkeley was done in 2022 by the American Community Service and reports that only 3.4% of Berkeley commuting is done by bicycle. https://data.bikeleague.org/new-data-and-competing-narratives-a-look-at-census-and-streetlight-data/ Currently, over 91% of visitors to the marina report that they drive.

I'm often on my bike in the marina and observe the existing patterns. I have seen up to 6 bicycles in the bike lockers next to the bait shop, and a single bicyclist arrive and take the Genentech ferry. It is obvious that 18% of the visitors to the marina, or those using the Genentech ferry, do not ride a bike. The city has placed a ten-space bike locker outside of the bait shop. It requires a cell phone and app to use, and like most such endeavors, that generates total use and locational information. While that information exists, and doesn't need to be generated, the city has not used that data, or other methods, to determine whether such investments are changing mode split. Scott Ferris has told the Berkeley Democratic Club that he hopes that more people will ride a bike. Hope is not part of a program, or substantial evidence that existing efforts are making a difference.

THE KITTELSON REPORT DOES NOT ADDRESS THE BAY PLAN POLICIES TO PRESERVE EXISTING RECREATIONAL ACCESS

Earlier I established the third test in Bay Plan policies, protecting existing recreational amenities like the pier, the beach, and windsurfing. With the current closure of the East Dock of the South Basin, and the damage to the ADA accessible float at the middle dock, the lack of city maintenance of existing recreational facilities—the justification for the fill they now target for a park and ride commuter facility--has come into sharp focus for stakeholders. Other vital recreational facilities—the path on the east side of Seawall Drive lot, the Berkeley fishing pier, the sheet pile seawall in the marina that holds up the fill, maintenance of docks in the marina which pays 67% of the marina revenue, and dredging of the South Basin—have been ignored, allowing the promised recreational amenities to degrade. Despite that, the marina remains a vital—and diverse—community of stakeholders which have not been characterized by the city's planning efforts.

I draw attention to the cove next to the H's Lordships Restaurant, which has been used by windsurfers for access to the Bay for over thirty years and now provides access for swimming. That cove was identified as a critical access point in the 2004 Marina Plan, and the city received a Coastal Conservancy grant and completed a design for improving that access. Yet nothing was built, and the city has closed off the parking lot that provided access for users. The most recent city plan, presented at the March 12, 2025, Parks, Recreation and Waterfront Commission proposes to use virtually all of the bay fill for ferry parking, compromising landscaping, the existing uses and the pathways along the area.

FEASIBILITY

A number of questions by Commissioners at the recent Parks Commission meeting went unanswered, or only partially answered. City staff and documents have insisted that Berkeley will not pay for the subsidies required to operate the ferry system and have not provided a complete inventory of the costs that the city has agreed to pay in the existing MOU. When the initial Feasibility Plan was issued and Berkeley entered into an MOU with WETA, Berkeley agreed to pay the entire cost of the recreational portion of the pier and all shoreside improvements for recreation. At that time (2019), the estimated cost of those facilities was $29 million. The latest drawings appear to involve much more substantial and expensive improvements.

On the issue of subsidizing operations, I draw your attention to this provision in the 2022 Berkeley Ferry Service Business Plan, prepared by Economic and Planning Systems, Inc.

> At the local level, and in partnership with local employers and developers, the City of Berkeley can incorporate funding for ferry operations or shuttle services in future Transportation Demand Management plans. Private funding from local developments through Transportation Demand Management agreements and plans can be negotiated and may generate operating subsidies.

Fairly clearly, WETA is not making plans, and does not have funding, for the necessary operational subsidy and expects Berkeley employers, developers, or taxpayers to contribute.

Even a minimal Transportation Demand Management plan is expected to cost at least $550,000 a year according to estimates prepared by Nelson\Nygaard in their January 2022 “Parking and Mobility Framework.”

There are other sources which indicate Berkeley is expected to generate operational and subsidy costs. These quotes are from the Berkeley Ferry Service Business Plan 03/17/2022.

> **Page 39:**
> **Terminal Expenses**
> Terminal expenses refer to the costs that each service route pays towards maintenance and usage of the terminals at Berkeley, San Francisco, and

Larkspur. These expenses are estimated to be $135,000 annually. The capital costs of constructing the Berkeley terminal are not incorporated in these estimates but discussed in Chapter 8.

Page 47:
Local Funding
It is not expected that the City of Berkeley will subsidize operations of the ferry services from its General Fund. However, local (City) funding sources may also be established, similar to the funding provided by a local property tax charged in Bay Farm Island or a portion of Contra Costa County sales tax revenue for the Richmond service to provide an operating subsidy. One option could include a Transient Occupancy Tax surcharge on hotel night stays in the Marina that would reinvest revenue in the Berkeley waterfront and support maintenance of the pier and shared parking facilities.

The city has not been forthcoming about the exposure of Berkeley to ongoing costs for the operation of a terminal and parking area, or the impact that may have in leaving the current maintenance needs for recreational uses—the purpose of the marina—unmet.

BERKELEY NEEDS TO TEND TO ITS EXISTING RECREATIONAL FACILITIES FIRST

As I noted in the introduction, Berkeley has failed to fulfill the promises it made to the public and BCDC, not merely on this filled site, but throughout the waterfront. Berkeley created a structural deficit in the marina fund by refusing to use the city-wide parks tax funds for maintenance of the parks in the marina. As noted by the Division of Boating and Waterways, the city has used as much as $1.5 million a year in boating revenue to maintain those parks, rather than maintaining those boating facilities. Slip holders pay 2/3 of the cost of maintaining the marina, have other marina options, and expect a functional marina. The recent closure of the East Dock in the South Basin and the float which meets Americans with Disabilities Act standards also in the South Basin, has brought these practices into sharp focus. A list of facilities which have not been adequately maintained includes:

- Water intrusion into the old landfill which is now Cesar Chavez Park has resulted in oversight and requirements for correction from the Regional Water Quality Control Board and the Air Pollution Control Board;

- Pathways at Cesar Chavez Park are in poor condition and do not meet the standards of the Americans with Disabilities Act
- The marina entrance channel was not dredged for over twenty years, and the sight of boats stuck in the mud was a frequent occurrence
- The docks and electrical systems at the marina were not maintained, leading to departure of many tenants
- The south basin, home to the Cal Sailing Club and Cal Adventures, has filled with sediment and often can't be used to give lessons
- The seawall that holds the fill approved in 1967 is in danger of failing
- Berkeley pier is closed
- Two of the three docks in the South Basin used for recreation are closed or limited for people with disabilities
- Streets and paving in many of the parking lots in the marina are failing
- H's Lordships restaurant has been closed for many years and needs at least $6 million in repairs. As a result, the marina fund will not derive any net revenue for at least a decade after it is re-occupied.

While Berkeley adopted an asset management policy in 2022, it has done nothing to implement that policy in the marina, or in the current Waterfront Specific Plan. The total repairs that are needed is at least $94 million, yet the city is focusing on a ferry project that will not generate any revenue.

The city needs to focus on the basics of getting the waterfront preserved and maintained. Not on poorly conceived and executed parking studies.

Very truly yours,

Jim McGrath

Copies: BCDC, City Council

Re: Parking study

Email from Jim McGrath: Parking study

JM

From:**Jim McGrath**<macmcgrath@comcast.net>
4/29/2025 7:43 PM
To Liza McNulty **Copy** Claudia Kawczynska and 6 others

Sometimes I keep e-mails as an in-box. Your e-mail is just wrong. You did not use counts from 4pm and 6 pm—except for 11 days—the data withheld—you did not collect any counts at those times.

Getting the facts straight is really not that hard.

Jim McGrath
Sent from my iPad

On Mar 20, 2024, at 10:42 AM, McNulty, Liza <lmcnulty@berkeleyca.gov> wrote:

Hi Jim,

Thanks for your email, and your comments at the Commission meeting. I agree with you that six days of data, by itself, is insufficient for our goals for this Study. In addition to the six days of 'continuous' data collected by the Kittelson team, the study will also utilize daily car counts collected by the Marina staff over the past four years and continuing through the Study, at all parking lots, at 8 am, 10 am, 4 pm, 6 pm and 8 pm. The new intercept survey data will also be used to inform the existing condition baseline, and capture some of what you noted in your email regarding the various different users of the Waterfront.

As you mentioned, there are certainly special events where the entire Waterfront is full, but the City also understands and acknowledges that South Basin East and West lots (as well as O and J lots) reach full capacity at times outside of these outlier events, especially during peak summer months. The Transportation Demand Management (TDM) strategies for the Pier-Ferry Project must ensure that Ferry riders do not park outside of designated ferry spaces, including not parking in the South Basin parking lots. Our expectation is that the Study currently underway will provide us with specific and implementable strategies to achieve that.

Best,

Liza McNulty, PE
Capital Improvement Program Manager
City of Berkeley Parks, Recreation & Waterfront Department
2180 Milvia Street, 3rd Floor
Berkeley, CA 94704
(510) 542-4131 (cell)

From: James McGrath <macmcgrath@comcast.net>
Sent: Thursday, March 14, 2024 10:00 AM
To: McNulty, Liza <lmcnulty@berkeleyca.gov>
Cc: Claudia Kawczynska <claudia94710@gmail.com>; Allan Abshez <allanabshez@sbcglobal.net>
Subject: Parking study

WARNING: This is not a City of Berkeley email. Do not click links or attachments unless you trust the sender and know the content is safe.

Lisa--I appreciated your presentation last night, and I found aspects of it encouraging. You clearly have spent some time reading public comments, and much of your presentation responds well to that. I was particularly encouraged by the statement that one of the study goals is to "Protect non-ferry parking spaces." That is the first explicit recognition I have seen in a WETA or city document that reflects the BCDC Bay Plan Policies. But of course, those parking spaces that the city and WETA have proposed to establish as ferry parking spaces were permitted bay fill, approved to provide recreational parking for the commercial recreation and parks in the marina.

I am not convinced that the scope of work is sufficient to identify the location, existing use, and pattern of use of the recreational parking spaces that need to be protected. As you know, data representing different populations cannot be combined for analytical purposes without destroying the value of that data. Or as I learned in graduate school, lumping data about different populations together makes them look like they are generally distributed when they are not. There are many different recreational groups that use the marina, and they park in different areas, at different times, and different intensities. There are those who walk or run at Cesar Chavez, those who walk their dogs there, recreational boaters who rent a slip, recreational boaters that launch at the ramp, or at the hoist near Cal Sailing and Cal Adventures, kayakers, outrigger canoe communities, the group who play water polo in kayaks, anglers from land and from commercial boats, water sports groups with many different kinds of equipment, a rapidly growing community of swimmers, and the general public who come to walk or ride their bikes on the bay trail, or simply to enjoy the view. Often overlooked is the acceptance of dining with a view as a commercial recreational activity that meets BCDC's criteria,

My experience and observations, with the photos and counts that I have sent to the web site are mostly from the south side of the marina. The improvements to the parking area and Bay Trail have significantly increased use by the general public.

You need to have a data collection program that correctly identifies all of these users and the patterns that they have and the facilities that they need--and doesn't lump them into one data base. As I noted last night, peak use like the Fourth of July, the Blue Angel part of fleet week, a Cal Sailing Club open house, or a regional event like a tri-athalon or an outrigger event might not be a fair representation of use--they take every parking space. Your data collection must be sufficient to make sure that you are not unfairly combining uses and missing patterns. I don't believe that a total of six days of car movement and parking monitoring is adequate to do this. It may be adequate to identify areas for further and more intensive analysis. But I am convinced that the large number of photos and counts of full parking lots in the two south basin lots are sufficient

to establish that the city needs to have a much more robust analysis of those patterns of use.

Jim McGrath

e-mail to Liza

May 7, 2025, Kittelson & Associations Addendum

Email from James McGrath: May 7, 2025, Kittelson & Associations Addendum

JM

From:**James McGrath**<macmcgrath@comcast.net>
10:50 AM
To Liza McNulty **Copy** Andrew Sullivan and 10 others

After holding a public scoping meeting on May 5, 2025, the City of Berkeley has issued a new parking report dated May 7, 2025, by Kittelson & Associates. Upon careful reading, it becomes clear that this report anticipates yet another change in the project description for the pier ferry project. The city and Kittelson seem to have changed their conclusion that there is ample parking in the marina for all users, that ferry parkers will be satisfied with 250 spaces, and there will be no usurpation of the limited recreational parking in what the Nelson/Nygaard memorandum of September 11, 2018, calls the central facilities. The revised plan now calls for overflow parking to be directed to the Skates/N lot and the informal parking areas along Marina Boulevard adjacent to McLaughlin Eastshore State Park.

On page 2 of the report, the Kittelson Memorandum concludes that there are "at least 66 spaces in the Skates/N Lot" and 83 spaces along Marina Blvd. The report does not mention the distance to the parking spaces along Marina Blvd, over 2000 feet. The city has prepared various drafts of improvements to establish formal parking areas along Marina Boulevard, and has discussed a shuttle service in public meetings, but neither of those elements are included in the most recent transportation demand study.

The May 7, 2025, draft addendum does not provide the new data that it claims support these conclusions. It states that there are parking counts on 554 days and acknowledges that there are only limited counts apparently among those days at 2 pm and 4 pm. It does not reveal how many counts were taken at those times or reveal that data in a spread sheet. It does not appear to include the 11 days of counts that were not used in the earlier Kittelson draft memo and makes no attempt to rationalize this new conclusion with previous reports by Kittelson, the city, and Nelson/Nygaard. Thus, there is no way to tell from the issued report how robust the data is. The report does acknowledge that the South Cove West lot reaches peak occupancy between 1 and 3 on weekdays, the time when usurpation of recreational parking has been an ongoing controversy.

It is useful to return to the Nelson/Nygaard Report cited above to see whether this new report meets the substantial evidence test established under CEQA. Several quotes

from that report cast doubt on the availability of parking in proximity to the proposed new terminal and the efficacy of city efforts to prevent parking usurpation. On the former issue, Nelson/Nygaard concluded:

> Peak parking demand met or exceeded 85% in the Central Parking Lots [and] During weekdays, centrally-located lots, particularly the J & K and L&M Lot, experience as much as 89% and 93% occupancy respectively.

For the South cove lots, they concluded:

> The South cove lots have multiple users…resulting in a peak period in which the lots are full. [and that despite city efforts to direct ferry riders to lots like the Marina Boulevard lot] Ferry customers have not heeded recent signage (placed on South Cove, J&K, and L&M Lots) to park on Marina Boulevard instead.

Of course the existing and recent small ferry operations were/are far closer to Marina Boulevard than the 2,000 + feet now claimed as a solution. Without the release of the underlying data, including the city counts mentioned in my March 18, 2025, letter on the earlier Kittelson Report, the public has no way to review the quality of the data underlying the blithe conclusions of city staff and their new parking consultants. City staff has been less than accurate in previous public meetings, assuring the Planning Commission on May 10, 2023, that parking use at those same South Cove lots was only 5%. Remember, the Nelson/Nygaard report showing "periods in which the [South Cove] lots are full" was provided to the city staff more than 4 ½ years before that presentation—and the presentation with its erroneous conclusion is still posted on the city website. The importance of public review and transparency on this project could not be clearer.

This new change in the apparent project description, and another new proposal to initiate parking charges for the marina , illustrate the need for the city to complete a Waterfront Specific Plan (WSP) before they pursue an EIR for the pier ferry project. Since the city now believes it is necessary to use areas of the waterfront that are subject to changed land use designations in the draft WSP, and to establish parking charges for the whole marina, it can readily be seen that the pier ferry project is not independent of the WSP and these projects cannot be pursued without violating CEQA's requirement to analyze the whole of a project, including future and related projects.

Jim McGrath

Jim McGrath
2301 Russell Street
Berkeley, CA 94705
May 16, 2025

Liza McNulty
City of Berkeley
2180 Milvia
Berkeley, CA 94704

Subject: Scoping comments for proposed pier ferry project EIR

Dear Ms. McNulty:

The following are my comments on the NOP. I incorporate with these new comments my letter of March 18, 2025, on the Kittelson report, which points out in detail the inadequacy of that report to support an EIR. Also incorporated and attached are two e-mails to you, pointing out that the scope of study for Kittelson was not adequate, and identifying problems with the May 7, 2025, Kittelson addendum. I have submitted a Public Records Act request to gain access to the underlying data used in the May 7, 2025, addendum, and reserve the right to augment my comments about that report when I have been provided with the information I requested.

PROJECT DESCRIPTION

For over forty years the courts have consistently held that an accurate and stable project description is a bedrock requirement of CEQA—the *sine qua non* (that without which there is nothing) of an adequate CEQA document:

> Only through an accurate view of the project may affected outsiders and public decision-makers balance the proposal's benefit against its environmental cost, consider mitigation measures, assess the advantage of terminating the proposal (i.e., the "no project" alternative) and weigh other alternatives in the balance. An accurate, stable and finite project description is the *sine qua non* of an informative and legally sufficient EIR.

(*Inyo*, *supra*, 71 Cal.App.3d at 192-93.)

The ability of informed citizens to participate in environmental review is a key component of CEQA. (*Washoe*, *supra*, 17 Cal.App.5th at 285 ["Informed public participation is essential to environmental review under CEQA."]; *Inyo*, *supra*, 71 Cal.App.3d at 192 ["The EIR process facilitates CEQA's policy of supplying citizen input."].) Through the EIR process, CEQA "provide[s] public agencies and the public in general with detailed information about the effect which a proposed project is likely to have on the environment." (*Washoe*, *supra*, 17 Cal.App.5th at 286 [quoting Pub. Res. Code § 21061].)

In *Washoe*, the court evaluated a DEIR prepared by the California Department of Parks and Recreation which described five different alternatives for a project, including an existing 18-hole golf course, to reduce sediment discharge from the Upper Truckee River into Lake Tahoe. (*Washoe*, *supra*, 17 Cal.App.5th at 283.) The DEIR did not identify a preferred alternative but instead proposed that, after comments had been received on the DEIR, the Department would identify the preferred alternative in the FEIR to "determine which alternative or combinations of features from multiple alternatives will become the preferred alternative." (*Id*. at 283.) In the FEIR, the Department identified "[a] refined version of Alternative 2" as the preferred alternative. The Department subsequently certified the FEIR. (*Id*. at 283-84.) The petitioners sought to set aside the approval of the project because, *inter alia*, the DEIR did not contain an "accurate, stable and finite" project description. (*Id*. at 287.)

A few examples should demonstrate this problem here. First, the NOP acknowledges that "the City may choose not to implement these [recreational improvements] (page 3). Second, the city's proposal for ferry parking, and for management of conflicts with recreational parking, continues to change. Some of the material on the city web site calls for a 250-space parking lot for ferry parking. But one of the exhibits submitted to BCDC for review by the Design Review Board now designates that area, part of the bay that was filled for recreational use, as a paid parking lot, apparently for ferry riders. Yet another exhibit now shows the addition of 110 spaces to the existing parking lot—without clarifying the number of spaces proposed for ferry parkers. Is it 250, as most documents state, or is it approaching the 400 spaces that WETA sought in 2008? An accurate depiction of the area and its proposed future use was not included in the NOP. That in turn has a direct effect on the usurpation of parking now used for recreational access by swimmers, wingers, windsurfers, and anglers.

As of May 7, Berkeley has proposed two additional changes in the project description. Berkeley circulated an addendum to the Kittelson study which now proposes that the Skates/N Lot" and Marina Boulevard be used as overflow lots. Few details of those new proposals are available. As part of the regular meeting of the Parks, Recreation and Waterfront Commission, the city is now also proposing to start charging for parking at the marina. It is impossible to develop a defensible EIR when the project description keeps changing. The problems with these specific proposals will be discussed below.

SUBSTANTIAL EVIDENCE/ENVIRONMENTAL SETTING

Section 15064(f)(5) of the CEQA Guidelines requires that information used in an EIR shall not include "…speculation, …or evidence that is not credible…" Instead, it requires that "**Substantial evidence shall include facts, reasonable assumptions predicated upon facts, and expert opinion supported by facts**."

In many of the background documents used to develop the current project description and public presentation, Berkeley has ignored readily available substantial evidence and has instead relied upon expert opinion that depends on modeling rather than facts about the current ferry operations by WETA and by Berkeley lessees. Readily available information about parking utilization, developed nearly a year ago, was not used in developing the Kittelson parking report. That information, and details about the parking counts that Kittelson was told to rely on, was only obtained through Public Records Act requests. Now the city has released an addendum to the Kittelson report. However, that addendum does not reveal the underlying data nor does that addendum seem to use the few data points where parking counts were taken during the peak hours of the summer recreational season. Conclusions provided with no underlying analysis that provides the necessary data and links it to the reasoning fails the substantial evidence test. My e-mail to Liza McNulty explaining the problems with the addendum is attached and incorporated by reference.

The city must develop an environmental setting section for the document (Guidelines Section 15125) that "normally constitute{s} the baseline physical conditions..." Such a baseline must include enough information about existing recreational use, existing parking patterns, existing bicycle use, and existing ridership on the Genentech Ferry, to allow analysis of the impacts of the proposed project on recreation and on consistency with Berkeley and BCDC policies and other regulatory and planning standards.

RIDERSHIP PROJECTIONS

The NOP and supporting documentation on the city web site do not use substantial evidence or consistent information to develop realistic projections of ridership. Available information from the ferry operations that have operated in Berkeley since 2016 and from similar WETA ferry routes is ignored, and speculative models are used. Even then, the modeling information is used selectively and inconsistently without careful explanation.

Realistic projections, based on substantial evidence not speculation, are a necessary element of any project description for preparing an EIR. Realistic ridership projections in turn drive both impact analysis and questions of feasibility as a term of art under both the California Environmental Quality Act and the McAteer-Petris Act. Realistic analysis, and its implications for taxpayer cost and continued recreation are also fundamental issues for Berkeley voters. Substantially more work needs to be done, and information from existing efforts needs to be revealed.

Berkeley has approved three different small ferry operations, starting in November of 2016. The city did not go through any public process in approving the first two ferry leases to Prop SF and Tideline, considering the implications of the BCDC Bay Plan policies regarding ferries, or coordinate that effort with BCDC. Riders began parking in the recreational parking lot that had been improved with public funds and was subject to continued BCDC jurisdiction, usurping recreational parking, in conflict with Bay Plan policies. An

indeterminate number of riders of the Genentech ferry still park in those lots and the city refuses to document that use. When I visited the marina May 15, 2025, by bicycle at 9:15 am, at least ten cars that appeared to be ferry riders were parked in the South Basin East lot, and only one bicycle was visible in the bike lockers next to the bait shop. Other ferry users were parked in the South basin West lot.

The City Manager informed the Council about the initiation of ferry service in a memorandum dated November 21, 2016, that stated:

> Six months into the pilot program, the City will begin an RFP process that should result in a more long-term agreement…As part of this process, the City will hire a parking and traffic engineer to study Waterfront use patterns and impacts and **will provide more permanent recommendations for all Waterfront parking lots**. (emphasis added)

The city derived revenue from a per passenger fee of $1, as noted in the November 16 memorandum. Yet the city has not used this data to develop the current proposal or published a final report on the results of the six-month pilot project. I obtained some of the records of ridership, which seem to be reported simply as revenue. If the financial records provided to me are accurate and complete, Tideline's best month seems to have been May 23, 2017, to June 20, 2017, with 1085 passengers. That's about 54 passengers per day on average, which as we know, mostly drove and parked their cars primarily in the South Basin recreational lots, taking up about 25% of the parking spaces.

Because there is substantial price elasticity in the demand for ferry services, and in the net requirement for public subsidy, the discussion of ridership projections must be accurate, stable, and supported by substantial evidence that reflects an understanding of price elasticity and its effect on ridership. The assumptions about pricing and the impact on demand must be transparent and must not change. There are multiple citations on WETA's web site and in WETA Board packets acknowledging price elasticity. During the pandemic, WETA lowered the fees for ferry passengers well below their 40% farebox recovery policy to compete with BART, with adult fares as low as $4.70; before the pandemic the standard adult fare from Alameda and Oakland was $7.20. That cheaper fare resulted in more ridership—but decreased operational revenues to an unsustainable level. This is prima facie evidence that price elasticity is a major factor in demand for ferry services and cannot be ignored.

WETA staff and board are aware that raising costs for riders, either fares or parking charges, could affect demand. The WETA Board is considering an MOU with Alameda since Alameda is planning to begin charging for parking. That MOU provides as a stipulation: "Ensure paid parking is implemented such that ridership at the Alameda ferry terminals is not considerably impacted."

The subsidies from Regional Measure 3 are not sufficient to cover the shortfall in operational expenses with such a low fare. The May 8, 2025, agenda packet for the WETA Board reports that the current operating revenue is not sufficient to sustain the existing network. (page 107) It further reports that an additional $55 million in revenue would be needed over 12 years to support adding a Berkeley route. That is more than $4 million a year. In the last few years WETA has used Federal pandemic relief funding to lower the fares; those funds have been exhausted. The shortfall in farebox revenue covered by those funds was well above the available operational subsidy in Regional Measure 3. Total operational costs for 2022 were $62 million, with only $12 million secured by fares. Regional Measure 3 only provides $35 million in funding to subsidize fares. Currently, cost recovery from such lowered fares is well under the 40% cost recovery policy on all routes, with the overall system only generating 22% of its revenue from fares and Richmond only generating 13%. (May 8, 2025, WETA Board Agenda packet).

Increasing fares directly to meet operating costs, or indirectly to charge for parking at the proposed new terminal, is certain to reduce demand for ferries. The nature of reduced demand due to price elasticity needs to be established and used in considerations of feasibility. Such information is substantial evidence that cannot be ignored or replaced by speculation based on models. The potential effect of charging for parking is quite substantial. Earlier reports by Nelson/Nygaard estimated the cost of parking management at $550,000. The city is currently entertaining a substantially more comprehensive and expensive set of measures but has not provided a cost estimate. If the cost to effectively manage parking were to be on the order of $1,000,000, and that cost were to be recovered by parking fees, the daily parking fee could be as high as $16 per day. (250 parking spaces times 250 weekdays, excluding holidays, = 62,500 days. $1,000,000/62,500 parking days = $16 per day.) This nearly triples the cost of a round-trip ferry ride and obviously would reduce demand. Even the lower cost estimate made in earlier studies would result in a parking fee above $8 per day unless parking is actively subsidized by Berkeley or WETA, or by recreational users as the city is currently considering. To be sure, if ridership does not materialize, or if riders successfully park in free recreational areas, the city or WETA would have to cover even more of the annual operational costs.

The prototype small ferry operations are relevant because Tideline and PROP SF charged higher fares than Berkeley is anticipating for a WETA ferry, and Tideline currently operates a ferry which is funded largely, if not completely, by Genentech. That information is readily available, substantial information that needs to be utilized in determining ridership and the impact of increased costs, either fares or parking fees, on demand. Since actual ridership during the last decade seems to be well below that projected by models, unless heavily subsidized, that ridership pattern provides substantial information about the impact of pricing on demand and must be revealed and used in preparation of an EIR. At present, Berkeley and WETA are projecting ridership using models and do not include the lessons of existing operations, the two small ferry operators, or the impact of price increases. Ten years after approval of a pilot project intended to develop information about the feasibility

of ferry operations at Berkeley, the city has not completed and made public any analysis of the lessons learned.

Beyond the problems with modeled demand that does not reflect price elasticity or recent experience, the city is using an outdated business plan and the year 2040 to minimize the potential impact of ridership on recreational use. The city is projecting only 915 departing passengers from Berkeley, based on a 2022 WETA business plan. (Again, inconsistent projections are used, with the Kittelson parking study using yet a different number.) This is different from the plans presented in WETA's update of their long-term plan for 2050, dated April 12, 2023. On Page 24, in Table 11, it provides 4 different ridership forecasts for the proposed Berkeley service. The "Steady as it goes" scenario forecasts a ridership of 2,500. The "Throttle Back" scenario forecasts a ridership of 1,800. The "Chart New Course" scenario forecasts a ridership of 4,000. The "Tack to the Wind" scenario forecasts a ridership of 2,600. (Ridership as used in these documents represents two-way travel, so departures are half of that, ranging from 900 to 2000.) The ferry system proposed has even greater capacity, offering 400 seat vessels and 8 morning departures, or a capacity of 3200 departing passengers. All these different projections need to be evaluated in the EIR, and if necessary, *enforceable* mitigation measures must be included to prevent significant adverse impacts, namely usurping recreational parking.

The city cannot claim that the baseline for purposes of all EIR considerations is the level of recreation and associated parking during 2025. The city has failed to maintain recreational facilities, often after accepting grants to build those facilities, and closed parking lots that would support greater recreational access if they were not closed. The city has closed the pier, the nearby parking lot, the east dock in the South Basin, and H's Lordships restaurant. All of those supported substantial recreational use and required parking. Allowing those facilities to deteriorate and then claiming that their former use should not be considered the baseline is improper. The city should not be allowed to artificially distort the baseline to make usage appear to be artificially low. For example, in *Save Our Peninsula, supra,* 87 Cal.App.4th 99, 124-125, the court held that the city could not rely on a water usage baseline that was artificially decreased only months prior to the release of the CEQA document. Instead, the baseline was required to be the actual average levels of historic levels of usage from past years. The city rather should use the BCDC standard and analyze the existing and future recreational needs, much of which is impossible now because of the city's deliberate neglect. For example, in the case of fluctuating usage, it is appropriate to use the highest level of actual usage from the past as the baseline. For example, in the case of *Fairview Neighbors v. Cnty. of Ventura* (1999) (70 Cal. App. 4th 238, 242) the court allowed traffic numbers occurring when the mine operated at peak capacity pursuant to the prior CUP to be the "baseline," since mine operations were widely variable depending on market factors. The peak capacity (over 810 truck trips) was actually achieved in years prior, so it was not a mere hypothetical situation. The court rejected the appellant's claim that actual existing traffic numbers (at the time of the EIR) had to be used. Thus, in the situation fluctuating usage, a description of baseline environmental setting may reasonably include the area's established levels of prior use. (*San Joaquin Raptor*

Rescue Ctr. v. Cnty. of Merced (2007) 149 Cal. App. 4th 645, 658.) Here, with a recreational resource that receives its highest use in the summer when different recreational programs and camps take place in the south basin, and where BCDC's Bay Plan policies specifically state that ferry parking cannot usurp recreational parking or displace existing or future recreational needs, the intent to protect peak summer activities is clear.

PIECEMEALING

CEQA defines a "project" broadly, as the whole of project, including future and related projects. CEQA mandates "that environmental considerations do not become submerged by chopping a large project into many little ones -- each with a minimal potential impact on the environment - which cumulatively may have disastrous consequences." (*Bozung v. LAFCO*, 13 Cal.3d 263, 283-84 (1975); *City of Santee v. County of San Diego*, 214 Cal.App.3d 1438, 1452 (1989).) Before undertaking a project, the lead agency must assess the environmental impacts of all reasonably foreseeable phases of a project and a public agency may not segment a large project into two or more smaller projects in order to mask serious environmental consequences. As the Court of Appeal stated:

> "The CEQA process is intended to be a careful examination, fully open to the public, of the environmental consequences of a given project, covering the entire project, from start to finish. . . the purpose of CEQA is not to generate paper, but to compel government at all levels to make decisions with environmental consequences in mind." (*Natural Resources Defense Council v. City of Los Angeles*, 103 Cal.App.4th 268 (2002).)

Similarly, an initial study must consider the "whole of an action." 14 Cal. Code Regs. § 15378(a). That means:

> "[T]he environmental review accompanying the first discretionary approval must evaluate the impacts of the ultimate development authorized by that approval. ... Even though further discretionary approvals may be required before development can occur, the agency's environmental review must extend to the development envisioned by the initial approvals. It is irrelevant that the development may not receive all necessary entitlements or may not be built. Piecemeal environmental review that ignores the environmental impacts of the end result will not be permitted."

See Kostka, et al., *Practice Under the California Environmental Quality Act*, § 6.52, p. 298.

Berkeley and WETA are proposing to prepare an EIR on a ferry terminal on land filled for recreational purposes. Under the current city Waterfront Plan, which was adopted in 2003, that area is not designated as a ferry terminal. As discussed below, that plan inconsistency itself creates a significant impact under CEQA. The city is preparing a revision to that plan, now titled the "Waterfront Specific Plan", but has not completed that plan or prepared any

environmental documents that cover the whole of the waterfront. The city has jurisdiction over all the filled land, and the marina basin west of the East Shore State Park, this area, the marina basin and adjacent land, and Cesar Chavez Park. The current draft of the WSP is considering development scenarios that could triple the level of development in the marina, as well as designate land for a ferry terminal.

The city takes the position, established in a memorandum to the Council on November 18, 2024, titled "Update of the Waterfront Specific Plan for the Berkeley Public Tidelands Area", that:

> ...the Pier Ferry Project does not depend on adoption of the WSP to occur [and] the upcoming Pier Ferry public process will precede the drafting of the CEQA document [for the WSP]

With no adopted plan that designates this site for a ferry terminal, and with a plan under preparation that covers this site and could allow a tripling of development on the city land, I believe this conclusion is incorrect. The latest changes proposed by city staff, use of the Skates/N lot and Marina Boulevard for parking, and instituting parking fees throughout the waterfront, make it even clearer that the current ferry project does not have independent utility. It apparently depends on land under consideration for other uses in the WSP, and revenues generated by areas covered by the WSP. The update of the WSP is clearly a "reasonably foreseeable future" action that is necessary for the approval of the Ferry Terminal Project. Redesignation of the land in question, and analysis of the related projects that are under consideration, is necessary to avoid improper piecemealing under CEQA. Independent utility alone is not sufficient to absolve the city of its responsibility to evaluate the whole of the project, which can clearly be seen as the redevelopment of the entire waterfront.

There are similar piecemealing concerns with the proposal, presented to the Parks, Recreation, and Waterfront Commission on May 14, 2025, to begin charging for parking. Berkeley has long announced its plans to control use at the marina in various planning and policy documents, as long ago as 2016 (see discussion of ridership projections.) Instituting parking fees was a strategy under consideration in the WSP and its predecessor effort and is intended to limit travel to this regional park of State Tidelands by automobile. For example, in a February 16, 2021, work session memo to the Council, staff stated: "Paid parking at various locations at the Waterfront could generate additional revenue for the City's Marina Fund, while simultaneously **dis-incentivizing car-based traffic to the Waterfront**."

The Parking and Mobility Framework, January 2022, by Nelson/Nygaard included an extensive discussion of paid parking, beginning with: "Paid parking is an **effective tool for managing demand** and turnover in the most convenient, high-demand parking spaces." and:

- **Paid parking must be implemented as part of a Waterfront-wide parking strategy to avoid spillover impacts on free or unregulated parking nearby**.
- Targeting parking fees to specific users (such as ferry commuters) is potentially challenging, and should be avoided if possible. Such a strategy is difficult to enforce and may require creating physical barriers for cars that can hinder flexible shared parking approaches.
- Pricing can and should reflect demand and convenience. The most centrally located "premium" spaces could have a higher hourly price, while "value" spaces in more distant underutilized lots could be cheaper or free.
- A value/premium parking system should be supported with convenient pickup/drop-off zones (PUDO) that allow people to load and unload gear and equipment close to their destination before parking a bit further away.
- Recommendation for the BMASP: Include a comprehensive (not ferry-only) demand-based pricing strategy in the full build-out scenario. Identify all locations in the Waterfront where demand-based pricing may be appropriate.

Given these clear and repeated statements of intent, it can readily be seen that neither the proposal for a pier-ferry project that depends on land designated for additional commercial use in the WSP, nor the parking fees under consideration, are independent. The whole WSP, including parking fees and the pier-ferry project, is simply one project under CEQA.

CUMULATIVE IMPACTS

If the city contends that the Ferry Terminal and the WSP are separate projects, rather than a single piecemealed project, it still must analyze the two projects' cumulative impacts because the WSP is a reasonably foreseeable future project. An EIR must discuss significant cumulative impacts of reasonably foreseeable future project. (CEQA Guidelines section 15130(a).) This requirement flows from CEQA section 21083, which requires a finding that a project may have a significant effect on the environment if "the possible effects of a project are individually limited but cumulatively considerable. . . . 'Cumulatively considerable' means that the incremental effects of an individual project are considerable when viewed in connection with the effects of past projects, the effects of other current projects, and the effects of probable future projects." "Cumulative impacts" are defined as "two or more individual effects which, when considered together, are considerable or which compound or increase other environmental impacts." (CEQA Guidelines section 15355(a).) "[I]ndividual effects may be changes resulting from a single project or a number of separate projects." (CEQA Guidelines section 15355(a).)

"The cumulative impact from several projects is the change in the environment which results from the incremental impact of the project when added to other closely related past, present, and reasonably foreseeable probable future projects. Cumulative impacts can result from individually minor but collectively significant projects taking place over a period of time." (*Communities for a Better Environment v. Cal. Resources Agency ("CBE v.*

CRA"), (2002) 103 Cal.App.4th 98, 117.) A legally adequate cumulative impacts analysis views a particular project over time and in conjunction with other related past, present, and reasonably foreseeable probable future projects whose impacts might compound or interrelate with those of the project at hand. "Cumulative impacts can result from individually minor but collectively significant projects taking place over a period of time." (CEQA Guidelines § 15355(b).)

> As the court stated in *CBE v. CRA,* 103 Cal. App. 4th at 114:
>
> Cumulative impact analysis is necessary because the full environmental impact of a proposed project cannot be gauged in a vacuum. One of the most important environmental lessons that has been learned is that environmental damage often occurs incrementally from a variety of small sources. These sources appear insignificant when considered individually, but assume threatening dimensions when considered collectively with other sources with which they interact.

(Citations omitted).

For example, in *Friends of Eel River v. Sonoma County Water Agency*, (2003) 108 Cal. App. 4th 859, the court held that the EIR for a project that would divert water from the Eel River had to consider the cumulative impacts of the project together with other past, present and reasonably foreseeable future projects that also divert water from the same river system. The court held that the EIR even had to disclose and analyze projects that were merely proposed, but not yet approved. The court stated, CEQA requires "the Agency to consider 'past, present, and probable future projects producing related or cumulative impacts . . . .' (Guidelines, § 15130, subd. (b)(1)(A).) The Agency must interpret this requirement in such a way as to 'afford the fullest possible protection of the environment.'" (Id., at 867, 869.) The court held that the failure of the EIR to analyze the impacts of the project together with other proposed projects rendered the document invalid. "The absence of this analysis makes the EIR an inadequate informational document." (Id., at 872.)

Thus, even if the city contends that the WSP is a separate project, it must still analyze its impacts together with the Ferry Terminal Project and the proposed new parking fees in the present EIR because the WSP project is a reasonably foreseeable future project that will have significant cumulative impacts.

CONSISTENCY WITH ADOPTED PLANS AND STATUTORY REQUIREMENTS

Section 15125(d) of the CEQA Guidelines requires that:

> The EIR shall discuss any inconsistencies between the proposed project and the applicable general plans and regional plans...**including ...regional land use plans for the protection of ...San Francisco Ba**y...

Where a local or regional policy of general applicability, such as an ordinance, is adopted in order to avoid or mitigate environmental effects, a conflict with that policy in itself indicates a potentially significant impact on the environment. (*Pocket Protectors v. Sacramento* (2005) 124 Cal.App.4th 903; *Georgetown Preservation Society v. County of El Dorado* (2018) 30 Cal.App.5th 358.) Indeed, any inconsistencies between a proposed project and applicable plans must be discussed in an EIR. (14 CCR § 15125(d); *City of Long Beach v. Los Angeles Unif. School Dist.* (2009) 176 Cal. App. 4th 889, 918; *Friends of the Eel River v. Sonoma County Water Agency* (2003) 108 Cal. App. 4th 859, 874 (EIR inadequate when Lead Agency failed to identify relationship of project to relevant local plans).) A Project's inconsistencies with local plans and policies constitute significant impacts under CEQA. (*Endangered Habitats League, Inc. v. County of Orange* (2005) 131 Cal.App.4th 777, 783-4, 32 Cal.Rptr.3d 177; see also, *County of El Dorado v. Dept. of Transp*. (2005) 133 Cal.App.4th 1376 (fact that a project may be consistent with a plan, such as an air plan, does not necessarily mean that it does not have significant impacts).)

In the preceding discussion I established the inconsistency between this proposed project and the current plan for the Waterfront. The EIR must also discuss the following plans:

- Bay Plan policies cited in previous letters protecting parking for existing and future recreational uses;
- Bay Plan policies covering dredging, particularly policy 2, that "the siting and design of the project will result in the **minimal dredging volume** necessary for the project"
- The Water Trail Act, now included in the Public Resources Code, "with the goals of improving access to, within, and around the bay"
- Berkeley Measure L, ORDINANCE NO. 5785-N.S., with the goal of protecting and funding existing parks, requiring a public election to allow any parks to be developed for other purposes, and with a definition that includes this property as public trust, to wit: "Public parks shall be defined as City of Berkeley parks, public school playgrounds or **lands held in trust by a public entity, which have been formally dedicated to permanent recreational use by the City of Berkeley**, and funded for recreational use by City of Berkeley public funds"

The two cited BCDC Bay Plan policies have are legal requirements. In addition, there are several legal requirements that would apply to this proposed project, including:

- Section 404(b) of the Clean Water Act, which establishes policies and guidelines to avoid, minimize, and if necessary mitigate activities that would dredge or fill waters of the bay;
- The Porter-Cologne Act which similarly includes a role in 404(b) determinations and independent authority under Section 401 of the Clean Water Act
- Section 4(f) of the Transportation Act, codified now as Title 409 Section 303(c) that forbids use of parks and recreational areas for transportation facilities "unless there is no prudent and feasible alternative"

These plan and policy inconsistencies are significant impacts that must be analyzed and mitigated under CEQA.

ALTERNATIVES

A central element of CEQA is the consideration of environmentally superior alternatives. The feasibility of alternatives arises at two junctures in the EIR process: "(1) in the assessment of alternatives in the EIR; and (2) during the agency's later consideration of whether to approve the project;" and "different factors come into play at each stage." (*California Native Plant Society v. City of Santa Cruz* (2009) 177 Cal.App.4th 957, 981 (*CNPS*), citing *Mira Mar Mobile Community v. City of Oceanside* (2004) 119 Cal.App.4th 477, 489 (*Mira Mar*).) When selecting alternatives to analyze in an EIR, the standard is whether the alternative is "potentially feasible" and would reduce potentially significant impacts. (*Mira Mar, supra*, 119 Cal.App.4th at 489; Guidelines, § 15126.6(a).) In the second project approval phase, the decision-maker evaluates whether alternatives are actually feasible, and may reject alternatives on grounds of actual infeasibility even though the EIR found them potentially feasible and analyzed them. (*Watsonville Pilots Assn. v. City of Watsonville* (2010) 183 Cal.App.4th 1059, 1087 (*Watsonville*); Guidelines, § 15091(a)(3).)

It is an abuse of discretion for an agency to exclude a potentially feasible alternative that would substantially reduce significant impacts from analysis in the EIR simply because it does not meet all project objectives. (*Habitat & Watershed Caretakers v. City of Santa Cruz* (2013) 213 Cal.App.4th 1277, 1304 (*Caretakers*) ["limited-water alternative could not be eliminated from consideration solely because it would impede to some extent the attainment of the project's objectives"]; *Watsonville, supra*, 183 Cal.App.4th at 1087 [agency's refusal to analyze a reduced development alternative because it failed to meet two of 12 project objectives was legal error].)

Since the inception of this effort, Berkeley and WETA have refused to consider alternative locations and sizes for a ferry terminal that would not present conflicts with recreational use of the filled land or require new dredging and fill. The policies and statutes cited in the previous section require any EIR that would be used by a responsible agency, including the Federal Transit Administration, consider alternatives. The existing filled areas on the north and south sides of the marina basin represent reasonable alternatives that must be discussed in sufficient detail to determine their feasibility. Currently, Hornblower yachts are berthed near the Doubletree Hotel. That site, and a site close to the dry boat storage, which could be used for parking, should be considered as alternatives. Increasing BART capacity or improving access to BART within Berkeley should also be considered.

FEASIBILITY

Feasibility is a term of art that has a slightly different meaning under CEQA and some of the related regulatory standards that the EIR must analyze. For the purposes of this EIR, it is

essential that the criteria used to determine feasibility—of the project, the possible alternatives, and the BCDC standard of maximum feasible public access consistent with the project--be transparent. No such transparency exists at the NOP stage.

CEQA defines "feasible" as capable of being accomplished in a successful manner within a reasonable period of time, taking into account economic, environmental, social and technological factors. (Pub. Res. Code § 21061.1.) The guidelines add "legal" considerations as a fifth factor that must be taken into account when determining whether a mitigation measure or project alternative is feasible. (CEQA Guidelines § 15364.) Neither the statute nor the guidelines provide any substantive insights on how to analyze the economic feasibility of an alternative or measure. The court in *San Franciscans Upholding the Downtown Plan v. City and County of San Francisco* (2002) 102 Cal.App.4th 656, 694, upheld an infeasibility finding based on analysis of costs, projected revenues, and investment requirements.

The court in *Burger v. County of Mendocino* (1975) 45 Cal.App.3d 322, identified three criteria that should be evaluated when determining whether a project alternative would be economically feasible: (1) estimated income; (2) estimated expenditures; and (3) estimated profitability. Implicit in the court's finding is the need to conduct a comparative analysis, on the basis of each of these criteria, between the proposed project and project alternatives or the proposed project with and without the recommended mitigation measure to determine whether a particular alternative or measure would render the project economically infeasible.

In *Citizens of Goleta Valley v. Board of Supervisors* (1988) ("*Goleta I*") 197 Cal.App.3d 1167, the court confirmed the use of the criteria identified by the Burger court, added additional criteria. The *Goleta I* court set forth five criteria against which a proposed project and project alternative can be compared. They include the following: (1) total estimated costs; (2) total projected income; (3) total expenses; (4) the change in the per unit cost of a project that results from a project alternative or mitigation measure; and (5) the economic benefits of the project to the community and public at large. In *San Franciscans Upholding the Downtown Plan v. City & Cnty. of San Francisco* (2002) 102 Cal. App. 4th 656, the court applied the standard established in Goleta I to uphold the City's decision that the project alternatives discussed in the EIR were not economically feasible. Specifically, the court found that substantial evidence supported the City's conclusion that the project alternatives discussed in the EIR were infeasible because the additional costs and lost profitability that would result from each of the alternatives were sufficiently severe to render them impractical. (*San Franciscans, supra*, p. 695.)

Cost estimates for the overall project were last presented in 2021 when the initial "feasibility study" was published and cost estimates were prepared that estimated the total project cost at $121.7 million and Berkeley's share at $29 million. The project has been under constant change since then, but the cost implications of those changes have not been presented. To a close observer, it appears that the project has no current source

of funding and feasibility depends entirely on a combination of Federal grants and an increase in the sales tax for Bay area counties, which may be on the November 2026 ballot, further increases in the Bay Bridge toll, funding by Berkeley from the general fund or a bond measure, or some combination of those options. No firm source of funding from Berkeley for either construction or maintenance, or firm budget for those costs, has been identified. The documents that I have seen from WETA's web site only allocate a portion of the capital costs of initial construction and indicate that WETA plans to fund no more than half of the ongoing operational subsidy.

In any conventional sense of the word, a new ferry terminal is not feasible. As a matter of fact, it is not even possible without a massive level of subsidy, which comes mostly from people who will never ride a ferry. The budget proposed for WETA for their May 8, 2025, Board meeting estimates an operational cost of $81 million. The budget anticipates 3,032,823 riders—an 18% increase over the current year, which may be overly optimistic. If that budget is correct, each rider costs $26.70. The only recovery from those who are lucky enough to ride is a fare of $4.70. The performance metrics in the same WETA Board agenda packet acknowledge that fare only account for 22% of the costs. That packet also acknowledges that even more subsidies will be required to establish a Berkeley route. Those crossing the bay under the City's assumption, 915 riders departing Berkeley, is less than 1% of the roughly 116,000 west bound daily crossings of the Bay Bridge.

The EIR must bridge the analytical gap in these uncertainties to be able to reach defendable conclusions about feasibility in the EIR that will provide the necessary information for responsible agencies. I think it is essential that the following questions be answered:

1. How much money has WETA reserved for a Berkeley Ferry Terminal?
2. How has WETA allocated funds from Regional Measure 3 to the various other planned projects, for both capital and annual operational costs? Is there a shortfall in funding for the Berkeley terminal in either capital or operational costs? If so, what is the magnitude of that shortfall?
3. What is the updated total project cost estimate, capital and annual, for the Berkeley terminal if the project goes forward?
4. Have any sources for that funding been identified?
5. What would the economic effect be if ridership is less than anticipated? What agency or agencies would be responsible for the revenue shortfall?

These all relate to the question of alternatives. Given the relatively small ridership of the two small ferry operations that have ceased in the Berkeley marina, it seems possible, and perhaps even likely, that less ridership would materialize. A smaller operation, using existing marina facilities and the entrance channel, should be evaluated as a more feasible and far less risky alternative.

RECREATIONAL IMPACTS

With BCDC policies clearly protecting existing and future recreational users from having access to the marina impeded because ferry riders have usurped recreational parking, a detailed discussion of recreational impacts is required. Stakeholders have long informed the city that a baseline of recreational use for parking lots that might be usurped by ferry riders is required, but the city has failed to collect sufficient data during recreational periods to establish a baseline. In addition to the Bay Plan policies that I have cited, Section 15064(e) of the CEQA guidelines is directly on point. It states that:

> If a project would cause overcrowding of a public facility and the overcrowding causes an adverse effect on people, the overcrowding would be regarded as a significant effect.

Since over 90% of those currently using the marina report that they rely on driving, and that many of the recreational activities involve transporting equipment that is used to recreate on or near the water, parking is integral to recreational access. My letter dated March 18, 2025, which explains the flaws in the Kittelson report is incorporated into these comments. Because of those flaws, the misuse of statistical data, and the exclusion of relevant data, that report cannot be used to develop an adequate analysis of the recreational impacts. Also incorporated is the e-mail thread wherein I made similar comments.

In addition to the effect of usurping parking, which continues due to passengers on the Genentech ferry, construction of a solid seawall in the Bay will alter the recreational environment for sailors and those using small craft. Such facilities are known to refract and reflect waves and disrupt wind patterns. Those impacts need to be thoroughly evaluated and mitigated. I have provided my GPS track from May 8, 2025, at the end of these comments that shows a typical path back into the marina entrance channel that might be affected by reflection of wind and waves from the proposed terminal and ferries. That impact must be analyzed. A second GPS track of the Pegasus sailing ship is also attached and labeled. The Pegasus takes Berkeley school children out onto the bay for free, fulfilling part of Berkeley's mandate to provide recreational facilities at the marina for those who don't own a boat. I contribute both my time and make donations to support that access.

As noted by members of BCDC's Design Review Board on May 12, 2025, further engineering analysis of the proposed sheet pile breakwater structure must be completed to assure that an accurate footprint of that structure is used for analysis. The structure affords substantially less wave protection than the breakwaters for Berkeley marina. Even those breakwaters required modification; the sheet pile breakwater north of the rubble mound breakwater was added because waves were penetrating the harbor and causing damage. The proposal for locating the ferry terminal outside of the protected marina raises further issues. It would directly occupy a part of the bay used for recreation; my GPS tracks show common paths for return to the marina. A sheet-pile breakwater would reflect both waves

and wind, creating turbulence. It would also refract waves, changing their pattern in proximity to the entrance to the marina. These impacts must be thoroughly evaluated in the EIR.

While the city might argue that recreational impacts and parking are not within the scope of CEQA, that is incorrect. First, to the extent the proposed project conflicts with applicable policies, that is a significant impact under CEQA. As discussed above, the project conflicts with several applicable policies protecting recreational uses and related parking. Second, to the extent that the project's impacts on recreational uses results in environmental impacts, those impacts are within the scope of CEQA. For example, the lack of parking for recreational uses may result in illegal parking, cars circling for parking (resulting in greater vehicle emissions and higher vehicle miles travelled). In *San Franciscans Upholding the Downtown Plan v. City and County of San Francisco* (2002) 102 Cal.App.4th 656, the court acknowledged that a project may have significant parking-related impacts requiring analysis in an EIR if there are secondary environmental impacts resulting from the projected parking deficits. Third, to the extent that the Ferry Terminal is economically infeasible, as discussed above, it may contribute to urban blight and urban decay in the area, which is an impact under CEQA. (*Bakersfield Citizens for Local Control v. City of Bakersfield* (2004) 124 Cal.App.4th 1184.)

GREEN HOUSE GASES

The EIR must address the carbon emissions generated by ferry traffic for two reasons. First, there is no guarantee that electric ferries will be acquired by WETA and used on a Berkeley route; Berkeley does not have the authority to mandate that. Second, the source of electricity for any ferries that are deployed will likely be at least partially derived from sources that generate electricity with fossil fuels. For that reason, the efficiency of the proposed ferries should be presented as BTU's per passenger mile and should be compared to alternative ways to cross the bay—BART, bus, and automobile. (See, Bay Area Air Quality Management District Guidelines for Analysis of Greenhouse Gas Impacts under CEQA, available at: https://www.baaqmd.gov/~/media/files/planning-and-research/ceqa/ceqa-guidelines-2022/ceqa-guidelines-chapter-6-project-climate-impacts_final-pdf.pdf?rev=ce3ba3fe9d39448f9c15bbabd8c36c7f&sc_lang=en).

Berkeley staff have made many presentations claiming that this project would be a zero-emission transportation project. That is not true. Generating the electricity for the ferry would require some level of carbon-based generation, either directly or indirectly. Unless the project includes enough local generation of electricity so that it does not replace other renewable sources, it would increase energy requirements with the same carbon signature as the average for electricity generation in Berkeley. Further, access to the ferry terminal would primarily be by single-occupancy car, and driving to Berkeley marina rather than shorter drives to BART would be likely to increase vehicle mileage and carbon signatures. The EIR must consider all emissions associated with the project, not simply the power source of the proposed ferries.

The EIR must be clear about the commitment to electrification of ferries that would be used if a terminal were ultimately developed. Under the existing MOU between WETA and Berkeley, WETA, not Berkeley is responsible for procuring and operating ferries. On April 11, 2024, Seamus Murphy presented the "Draft Service Vision and Expansion Policy" to the WETA Board. It stated:

> System expansion and enhancement projects will deploy Zero Emission Vessels (ZEV), if **feasible**. (emphasis added)

Berkeley has not prepared a revised cost estimate for the project, which has been changed substantially since the feasibility study. At that time, the total project cost was estimated to be $121.7 million, with ferry vessels estimated to cost $18 million each for a total cost of $36 million. (Feasibility study page 179) Since that time WETA has entered into contracts to purchase two electric ferries for costs of about $38 million each, adding about $40 million to the cost of the project. For the most part, ferries, including the fuel cell ferry now in use, have been funded by grants rather than WETA funds. Obtaining Federal grants for alternative transportation modes may be a difficult challenge during the current administration, and the "take" of park, open space, and areas of the recreational bay triggers Section 4(f) of the Transportation Act. Moreover, an accurate analysis of the air quality and carbon dioxide generation impacts of the proposed ferry system depends on the power plants that would be used to power the vessels. The EIR must be clear about whether Berkeley intends to pursue a ferry terminal if electric ferries turn out to be infeasible. While Berkeley might elect not to participate in the proposed project if WETA does not use electric ferries, it is not clear that Berkeley can require WETA to use electric ferries. In any event, the true carbon signature, including the generation of electricity to charge the batteries of any electric ferries, must be analyzed in the EIR.

ENFORCEABILITY

A public agency may not rely on mitigation measures of uncertain efficacy or feasibility. (*Kings County Farm Bureau v. City of Hanford* (1990) 221 Cal.App.3d 692, 727 (finding groundwater purchase agreement inadequate mitigation measure because no record evidence existed that replacement water was available).) "Feasible" means capable of being accomplished in a successful manner within a reasonable period of time, taking into account economic, environmental, legal, social and technological factors. (14 CCR § 15364.) Mitigation measures must be fully enforceable through permit conditions, agreements or other legally binding instruments. (14 CCR § 15126.4(a)(2); See *Woodward Park Homeowners Assn., Inc. v. City of Fresno* (2007) 150 Cal. App. 4th 683, 730 (project proponent's agreement to a mitigation by itself is insufficient; mitigation measure must be an enforceable requirement); *California Clean Energy Committee v. City of Woodland* (2014) 225 Cal. App.4th 173, 195-96.)

PARKING

While my March 25, 2025, letter provides a thorough discussion of the inadequacy of the city's approach to establishing a baseline of recreational use that is protected under the Bay Plan, it is important to reiterate a few points. First, the Bay Plan Policies protect not merely the existing recreational uses on the date of the NOP, but historic and future uses. The language provides in Recreational Policy 9:

> Ferry terminals may be allowed in waterfront park priority use areas and marinas and near fishing piers and launching lanes, **provided the development and operations of the ferry facilities do not interfere with current or future park and recreational uses**, and navigational safety can be assured. Terminal configuration and operation should not disrupt continuous shoreline access. **Facilities provided for park and marina patrons, such as parking, should not be usurped by ferry patrons.** Shared parking arrangements should be provided to minimize the amount of shoreline area needed for parking.

Berkeley has made no attempt to account for future park and recreational uses protected by that policy.

I also want to reiterate the comments made by several members of the Design Review Board that Berkeley needs to provide a baseline, or as they said, map, of current users. Those comments made it clear that the time and location of recreational use, and the availability of parking, were necessary to evaluate the project. I'll repeat here a critical comment from my March letter:

> There are twelve different parking lots in the marina, and probably as many different recreational activities. Correct use of data, if sufficient relevant data were to be collected, would identify which parking lots are underutilized and when. That would be a valuable tool in determining whether ferry passengers could be accommodated without usurping existing recreational activities. The approach used in the Kittelson study improperly combines both different locations and different times. This destroys the statistical value that the data…

The Kittelson addendum repeats these errors, now claiming that unimproved parking along Marina Boulevard, nearly a half mile from the proposed terminal, would provide adequate parking to prevent usurpation of parking. As noted earlier, unsubstantiated claims do not constitute substantial evidence.

The EIR must establish a level of baseline recreational use, before the city closed the pier, the East dock, and two parking lots. They must account for the geographic location of the users, or map them, as the DRB has directed. The city must spend more than $27,000 for

analysis of the geographic location and time of use of the various recreational activities that are protected and stop trying to repurpose irrelevant parking data that it claims provides the necessary analysis.

DREDGING

Before the BCDC Design Review Board, Berkeley unveiled a footprint for the turning basin of the proposed terminal, but did not reveal the volume of dredging required, or the amount of new fill that might be required. Both are essential, as is analysis of the Bay Plan and LTMS polices that direct a careful study of alternatives that would minimize both new dredging and fill. I'll repeat that policy here: "the siting and design of the project will result in the **minimal dredging volume** necessary for the project"

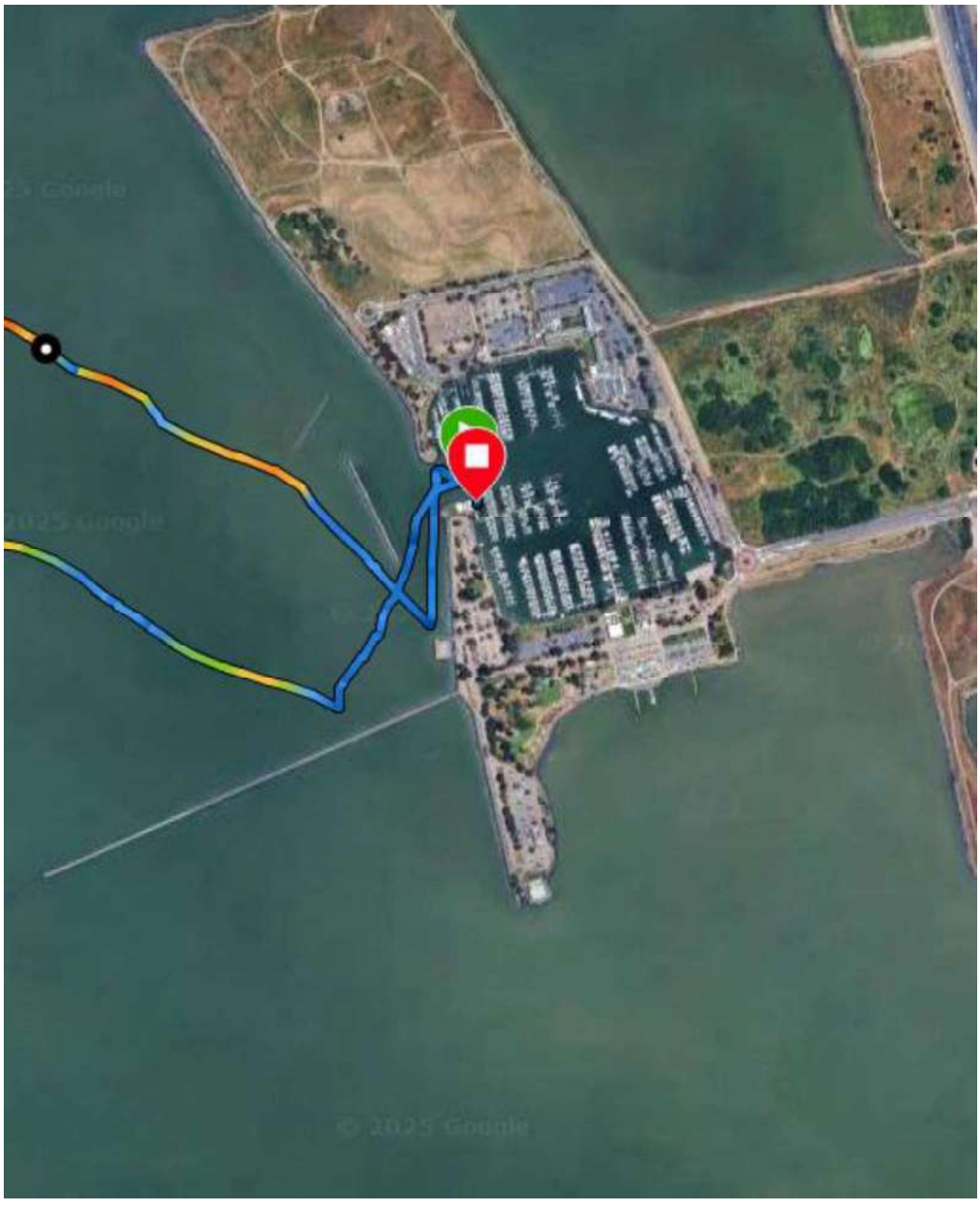
The city also claimed that the new terminal would not require maintenance dredging. That is not accurate. There is still ample suspended sediment in the bay to settle in deeper areas, and the construction of breakwaters provides reduced wave energy so that the area behind the breakwater becomes a settling basin for sediment. The city operates Berkeley marina and is engaged in a dredging operation. The before and after bathymetry of the entrance channel and other dredged areas will provide a baseline of sedimentation which can be compared to the time since the area was last dredged. Further, the South Basin of Berkeley marina was dredged as a source of material for construction of the area now proposed for this ferry terminal. Berkeley recently completed a bathymetric study of the area. These two prototypes can be used to establish a rate of sedimentation that can be used to estimate sedimentation associated with the proposed terminal.

Very truly yours,

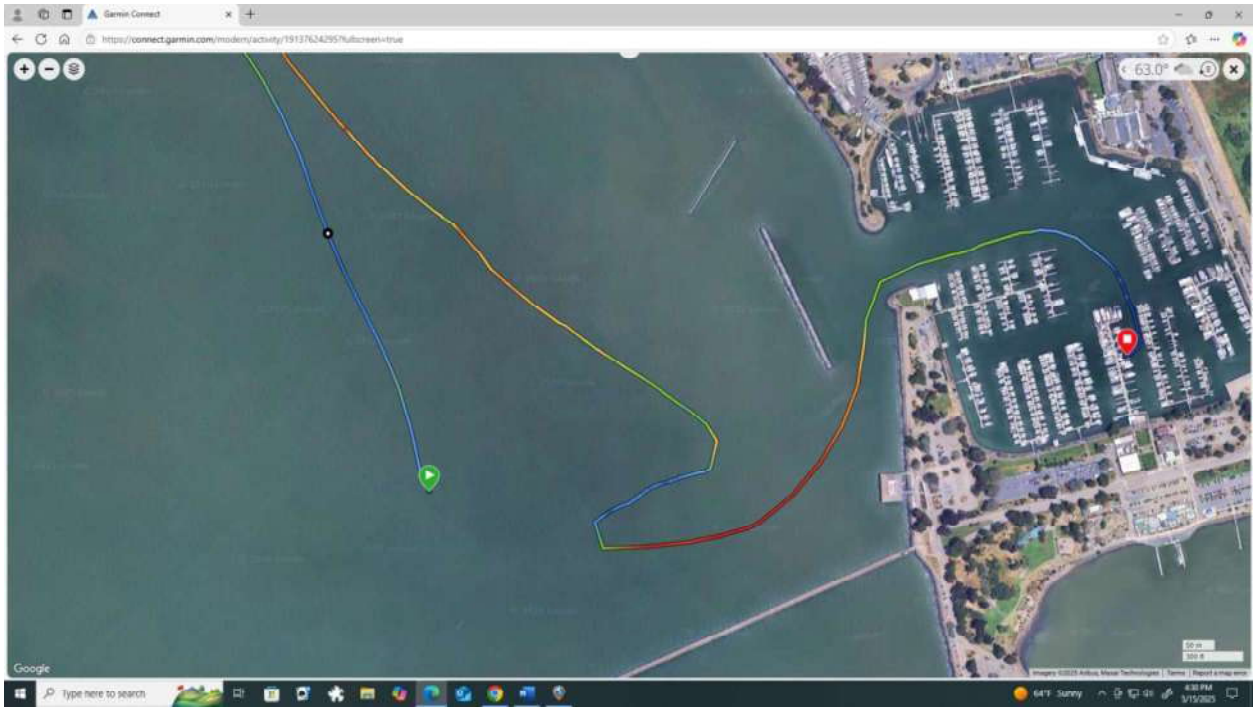
Jim McGrath

Enclosures

Jim McGrath GPS track for April 23, 2025



Pegasus track, returning to the marina 5-15-202



5 in 17 miles and hour of wind.

From: Julie Allen <valepuella@gmail.com>
Sent: Sunday, May 18, 2025 10:46 AM
To: McNulty, Liza <lmcnulty@berkeleyca.gov>
Cc: Tregub, Igor <ITregub@berkeleyca.gov>; erindiehm@hotmail.com; Claudia Kawczynska <claudia94710@gmail.com>
Subject: BWTPF EIR scoping comments

WARNING: This is not a City of Berkeley email. Do not click links or attachments unless you trust the sender and know the content is safe.

Dear PM McNulty,

I've cced Councilmember Traub as well as Parks, Rec, and Waterfront Commissioners Diehm and Kawczynska (who, at the last Parks etc commission meeting expressed surprise that they would not get to read public comments on this issue).

I write to provide my comments on the proposed Berkeley marina ferry/pier project. I am a 20-year resident of Berkeley District 4, and I have been swimming in the Bay from the Berkeley marina for over five years (and fondly remember using the pier before it was closed). I've done my best to learn about the proposed project, including attending commission meetings when it was presented, the BCDC DRB meeting, and asking (repeatedly, rather aggressively) to be admitted to the focus group meeting held on April 30.

I am concerned that the parking studies are not adequately showing the existing recreational needs (due less than 5% of data points being from peak and weekend counts), nor any estimates of additional recreational needs once the Berkeley waterfront is revitalized (e.g. pier reopened, Bay Trail extended -- see Albany Bulb as an example of how "latent demand" becomes actual demand when a recreational amenity is improved). There are also moving targets as far as ridership numbers. Another issue that concerns me is that all parking spaces in all marina lots are treated as equally relevant, despite distance from use -- ferry riders are unlikely to walk 0.5 mile, and recreational users are unlikely to schlep that distance carrying their kayaks. As a swimmer, I can attest that walking that distance in nothing but a wet swimsuit seems unsafe.

I, along with many other recreational users, fear that the project as proposed will usurp our access to these recreational amenities that were created (per 1966/1967 permit with BCDC) expressly for recreational purposes. The Berkeley shoreline -- an area all have the right to use -- is a favorite spot among a wide range of diverse users, even in its current state of disrepair (pier closed, one of the sailing basin docks closed).

I urge the city to ensure that future parking studies are undertaken to adequately and correctly account for recreational use. I ask also that all recreational users be invited to the table to give input. Hundreds of swimmers use this area and we were not included until April, and only then after aggressive insistence, and even then our #1 concern, parking, was declared off the table for discussion.

Thank you for reading and considering my comments. I am happy to provide additional information at any time.

Best wishes,
Julie Allen

From: Katie Calvert <katiemarycalvert@gmail.com>
Sent: Sunday, May 18, 2025 10:03 PM
To: McNulty, Liza <lmcnulty@berkeleyca.gov>
Cc: Miller, Roger <RMiller@berkeleyca.gov>; Kesarwani, Rashi <RKesarwani@berkeleyca.gov>
Subject: BWTPF EIR scoping comments

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Having attended (online) the meeting last week, I have even more concerns about the ferry project. Primarily, the project's proximity to three major public open spaces—Shorebird Park, Adventure Playground, and McLaughlin Eastshore State Park— requires detailed focus on impacts to recreation and transportation.

Berkeley has done a TERRIBLE job supporting and caring for these valuable open, park spaces. That should be our focus, not a project that will take SO MUCH MONEY and provide very little that cannot be provided by BART and AC Transit (if these existing mass transit options are supported!). We don't need to spend money that Berkeley does not have.

Areas of the Bay that have been filled for recreational purposes must remain in that use and not be converted for commercial development, consistent with provisions of the McAteer-Petris Act and regulations of the San
Francisco Bay Conservation and Development Commission (BCDC).

Save The Bay and its founders (including Sylvia McLaughlin for whom Eastshore State Park is named) supported the placement of fill in the Bay in Berkeley only for **recreational purposes**, as consistent with BCDC's statute.

So many people, swimmers, kayakers, and walkers use these areas. There is no parking for a ferry. And regardless of how many times WETA and the others say it, people who will take the ferry will DRIVE and PARK there; they will not take the bus to the marina. Get real.

I want to swim there, I want to walk there, I want to birdwatch there. Recreation is important. Please stop this land (and water) grab!!!!

Katherine Calvert
1204 Talbot Avenue
Berkeley, CA 94706

From: Kerrily Kitano <kerrilyjoy@gmail.com>
Sent: Thursday, May 8, 2025 10:59 AM
To: McNulty, Liza <lmcnulty@berkeleyca.gov>
Subject: BWTPF EIR

WARNING: This is not a City of Berkeley email. Do not click links or attachments unless you trust the sender and know the content is safe.

May 8, 2025
Dear Liza and Members of the Design Review Board,
I am a recreational open-water swimmer who regularly swims at the Berkeley Marina throughout the year along with a number of others. It is the most joyous thing that I do. I am dismayed to hear that plans for the proposed Ferry Pier project have not invited our voices for our opinions, wisdom and input, given that whatever decisions that are made will directly affect us. I love the Bay and hope to keep the Berkeley Marina, the precious resource that it is, available to those of us who immerse ourselves in it.
Thank you,
Kerrily J. Kitano
open water swimmer
510-387-5066
kerrilyjoy@gmail.com

From: Paul Kamen <pk@well.com>
Sent: Friday, May 16, 2025 11:06 AM
To: McNulty, Liza <lmcnulty@berkeleyca.gov>
Cc: Parks Division <parks@berkeleyca.gov>
Subject: Comments on the NOP and EIR Scope

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Please see attached document, my submission of comments pertaining to the Pier-Ferry EIR scope and NOP.

Paul Kamen, Naval Architect, P.E.
Surface Propulsion Analysis
1224 Campus Drive, Berkeley, California 94708
pk@well.com
https://nam10.safelinks.protection.outlook.com/?url=http%3A%2F%2Fwww.surfacepropulsion.com%2F&data=05%7C02%7Crperry%40rinconconsultants.com%7C7dd5f67c2d744d63b0a208dd9700b8bb%7C0601450f05594ee5b99257193f29a7f8%7C0%7C0%7C638832751563187805%7CUnknown%7CTWFpbGZsb3d8eyJFbXB0eU1hcGkiOnRydWUsIlYiOiIwLjAuMDAwMCIsIlAiOiJXaW4zMiIsIkFOIjoiTWFpbCIsIldUIjoyfQ%3D%3D%7C0%7C%7C%7C&sdata=NECygTJylGRm%2FKc1pYDE6KiswGIn1oYieoIs%2Fz3Md%2FQ%3D&reserved=0
510-540-7968 510-219-8106 (cell)

“Pier-Ferry” project.
Comments on the Scope of the EIR

Submitted to:
Liza McNulty, PE, Project Manager
City of Berkeley Parks, Recreation & Waterfront Department
2180 Milvia Street, 3rd Floor, Berkeley, California 94704
lmcnulty@berkeleyca.gov

Submitted by:
Paul Kamen, Naval Architect, P.E.
1224 Campus Drive, Berkeley, CA 94708
pk@well.com 510-219-8106

No “moving target:” The ferry terminal and service details must be established prior to the EIR process. Specifically, the parking plan. This will have a very large effect on the impacts to recreational access. The most likely parking plan needs to be determined in detail before the EIR will have any meaning.

No incremental approval: The EIR must consider the impacts of “full build-out.” WETA is on record as planning a service that will eventually grow to include 8 departures of 400-passenger boats every weekday morning. Assuming 50% passenger load, that’s 1600 one-way passengers every morning, and at the usual 0.6 cars per passenger, that’s 960 cars. Yet the current parking analysis assumes only 389 parking spaces are needed. This must be reconciled before the EIR can proceed. It should not be necessary to point out that 389 is a much smaller number than 960. WETA needs to show a binding commitment to limit the level of service to that which is considered for the EIR. If the service proves to be popular and ridership and parking demands increase, WETA needs to commit to using the known market elasticity (ferry fare pricing) to limit parking demand to the level considered by the EIR.

Distance to parking: No half-mile walks without some reasonable accommodations (shuttle bus, free e-bikes, etc.) The parking plan assumes Marina Blvd parking area will provide overflow. The nearest Marina Blvd parking spaces (at the south end) are 2400 feet from the pier entrance,

most of the spaces in that parking area are more than a half mile from the pier.

Parking fees: The Marina is seriously considering a $1/hour fee for ALL marina parking. This would increase cost to the passenger by approximately 50% per round trip (assuming about $10 ferry fare each way). Is the ferry still feasible at $1/hour parking fee?

Parking management: The parking pattern for a guest on a sailboat is almost exactly the same as the parking pattern for a ferry passenger: Early departure, all-day parking, return early evening. How can parking management strategies allow recreational boating for guests and crew, but discourage ferry passengers? Remember that berth revenues are about 2/3 of marina fund revenues. It's important not to institute policies that render the Berkeley Marina less desirable for boat owners.

Latent Demand: The parking analysis, for EIR purposes, must take into account unmeasured parking demand created by a new recreational pier, the reopening of Hs. Lordships as a new restaurant, and the reopening of the East Dock in the South Cover. These additional parking demands should be part of the baseline used to assess new impacts of the ferry service.

Alternatives: Substantive alternatives need to be considered in the EIR process. Public input to date was only allowed to consider one location, one ferry operating authority, and one level of service. The only choices available were the shape and configuration of the breakwater (see "deck chairs on the Titanic") – and the configuration chosen was based only on prevailing west-southwest wind and waves with no consideration for southerly storms or northerly gales. The breakwater design needs to be vetted by a coastal engineer willing to put their engineering license stamp on the calculations. Costs will go up. Alternatives need to include alternate locations, e.g. inside the Berkeley Marina (using part of the current Hornblower docks), foot of Gilman street, the now-closed racetrack in Berkeley and Albany, Emeryville Marina, etc. Also alternative levels of service. Could the ferry be viable with only four departures every weekday morning, at, say, 150 passengers per departure? (as currently on order) Does the pricing have to be so highly subsidized, as per the current 22% farebox recovery? Perhaps a "boutique" ferry that requires much less

subsidy and serves fewer passengers would be a fetter fit for the Berkeley waterfront.

BCDC constraints: The landfill intended for ferry parking was done under a BCDC license that dedicates the fill for recreational purpose, and a project that usurps spaces intended for recreational activities is not allowed under the permit. City staff seem to believe that Hs. Lordships restaurant, not strictly a recreational facility, shows that this is not a strict requirement. However the land is also subject to the California Land Trust restrictions of 1913 (as amended in 1962) and these documents specifically call out restaurants, golf courses and even airports (I landed at the marina in a helicopter from SFO ’73) as allowable uses. The land grant trust does NOT include parking for a transit hub or a ferry terminal.

Measure L: Berkeley’s measure L creates a statutory requirement that any significant development on the waterfront is subject to a city-wide referendum. If a marina-wide parking fee is a necessary part of the ferry project, this needs to be clear in the wording of the ballot measure.

Economic feasibility: The Marina Fund is underwater. The City is facing a large budget deficit, as is the State. Federal help seems unlikely in the current climate. WETA does not have the funds to run the Berkeley service, as proposed, without additional outside funding. The source and amount need to be identified in the EIR to determine feasibility. If the project collapses due to financial infeasibility, then the benefits that might possibly justify some level of environmental, social and economic impacts will disappear. A binding update to the MOU between WETA and the City, stipulating up-front and ongoing costs to the City, is necessary for the EIR to assess viability.

Compliance with existing plan: The Waterfront Specific Plan (WSP) revision is incomplete. The current plan does not provide for a ferry terminal. The plan needs to be updated before the EIR can assess compliance.

Equity? From the meeting packet for the May WETA Board meeting, WETA transports 2,595100 one-way passengers per year. Operating costs are budgeted at $74,748,838 per year. “Repair and replacement” (not including capitalization for new routes and additions to the fleet) add another $26,057,363 per years. Do the math. The PUBLIC cost of each

one-way ferry ride is $38.84. For a round trip commute, assuming the fare is $10 each way, this is like giving each commuter a check for $57.68 every day. Surveys suggest that about 90% of ferry commuters earn above median East Bay income. This is not equity. If we have that kind of money to throw at transportation, let's give more buss passes to high school students (for example).

From: Paul Kamen <pk@well.com>
Sent: Monday, May 19, 2025 10:10 AM
To: McNulty, Liza <lmcnulty@berkeleyca.gov>
Subject: Addendum to Pier-Ferry EIR scoping comments

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Addendum to previously submitted Pier-Ferry Project EIR scoping comments attached.

Paul Kamen, Naval Architect, P.E.
Surface Propulsion Analysis
1224 Campus Drive, Berkeley, California 94708
pk@well.com http://www.SurfacePropulsion.com
510-540-7968 510-219-8106 (cell)

“Pier-Ferry” project.
Addendum to Comments on the Scope of the EIR

Submitted to:
Liza McNulty, PE, Project Manager
City of Berkeley Parks, Recreation & Waterfront Department
2180 Milvia Street, 3rd Floor, Berkeley, California 94704
lmcnulty@berkeleyca.gov

Submitted by:
Paul Kamen, Naval Architect, P.E.
1224 Campus Drive, Berkeley, CA 94708
pk@well.com 510-219-8106

Please add these additional paragraphs to my submission titled “Pier-Ferry” project, Comments on the Scope of the EIR” emailed to Liza McNulty, PE, lmcnulty@berkeleyca.gov on May 16 2025.

Submitted by:
Paul Kamen, Naval Architect, P.E.
1224 Campus Drive, Berkeley, CA 94708
pk@well.com 510-219-8106

Is the project being honestly represented to the public?

The title of “Pier-Ferry Project” implies that reconstructing 500 feet of recreational pier is a major goal of the project, with something approaching parity in terms of the project’s priorities.

After extensive analysis, the City’s parking consultants determined that 389 parking spaces for ferry passengers will be required, and goes to some lengths to explain how these additional parked cars will not significantly affect recreational access to the waterfront. How many parking spaces will be required to serve recreational pier visitors? ZERO, according to the Kittelson parking studies. See the problem here?

Also, the “E” for “Emergency” reduces the credibility of the WETA meme, especially when considered along with electrification. A true emergency ferry system would use vehicle-carrying ferries, capable of transporting

ambulances and fire trucks across the Bay. This could save lives in the first few hours after a disaster event. Passenger-only ferries address the inconvenience of being stuck on the wrong side of the Bay, but do little to protect life and limb.

True emergency ferries need to be agile and versatile enough to load emergency vehicles from any accessible boat ramp – we don't know which terminals or ramps will be cut off due to liquefaction or downed infrastructure.

And finally, electric ferries for emergencies? The shore power grid is likely to be interrupted, and electric ferries need to recharge during dwell time at the terminals. The work-around is fixed diesel-generators and batteries at the terminals, but that essentially doubles the cost of the prime movers.

From Agenda Item 9, Weta Board meeting: December 9, 2021: "…an all-electric ferry fleet may be cited as a milestone for incentivizing a community to come out and support the development of a new ferry terminal."

Without an enforceable statutory requirement for electric ferries on new routes, this reads like a disingenuous bait-and-switch promise designed to calm the opposition.

The scope of the EIR needs to include a rigorous review of WETA's actual commitment to electrification at scale. The EIR also needs to evaluate the efficacy of the ferry system in response to a major earthquake, fire, or widespread infrastructure failure. Would it be more honest to drop the "E?"

From: Paul Young <paulwhy.2@gmail.com>
Sent: Thursday, May 8, 2025 9:22 AM
To: McNulty, Liza <lmcnulty@berkeleyca.gov>
Subject: BWTPF EIR scoping comments

WARNING: This is not a City of Berkeley email. Do not click links or attachments unless you trust the sender and know the content is safe.

Hello Liza,

San Francisco Bay is one of the best open water swimming locations in the world and the Berkeley Marina is a very popular location to enjoy this sport. I want to encourage the City of Berkeley to keep the needs of open water swimmers in mind when reviewing the plan to bring a Ferry to the Berkeley pier area.

I have been swimming in the bay for over 10 years, and many others for longer than that. I've seen the sport grow in popularity here over the years, and it is a sport that is growing worldwide. The Seine river in Paris recently opened to open water swimming to help meet this demand.

San Francisco Bay is an especially good venue for open water swimming, as it has swimmable weather and water temperatures year round. People use SF bay to train for swimming the English Channel and other challenging swims. And the cove to the right of Hs Lordship's is unique in the east bay as it has sufficient water depth to swim even at the lowest tides. Swimmers value this location, and it is sometimes their only option when the tide is too low to swim at Crown Beach, Albany Beach, Keller Beach or the Berkeley Sailing Basin.

Open water swimmers do not need a lot of resources. We need a place to park, a place to safely enter and exit the water, and a swim area relatively free of fast watercraft. And although not strictly needed, a shower to rinse off after is nice.

Could the City of Berkeley please consider the needs of open water swimmers when reviewing this project?
1) Please ensure we have space to park our cars. We commonly park for 1-2 hours at a time, but we swim in groups for safety. We might use a few to a dozen or so spaces at any one time. Groups go out at different times during the day, some before work at first light, some after work when there is light, some at lunch hour, and some in between. We currently share this parking with fishermen, kayakers, dog walkers, picnickers and people just enjoying the view from their cars. If these spaces are all taken by commuters, it will eliminate this spot as a viable swim location. Could you ensure that there are spaces with an appropriate time limit to accommodate the existing and projected users, to preserve this area for us swimmers and other recreational users?
2) Please ensure that there is open water set aside for swimmers (the bay is huge, we are small). We don't mind sharing with kayakers and small sailboats, but ferries and fast moving craft are a real danger for us. We commonly swim out to the break in the pier and back from Hs Lordships, but we can adjust that if a Ferry needs some of that water, too. Maybe some buoys could separate a swim zone from a ferry zone?
3) Please ensure we have a safe spot to enter and exit the water. A beach is the best, but a protected gravel path to below the low tide point as exists at Hs Lordships works. A dock with a ladder also works if it is not crowded with fishermen and their fish hooks.
4) And as long as improvements are being considered, could we get a shower to rinse off?

Thank you,

Paul Young
Paulwhy.2@gmail.com
925-788-2858 phone or text
El Cerrito, CA

From: Susan Schwartz <susanschwa1236@gmail.com>

Sent: Sunday, May 18, 2025 6:46 AM
To: McNulty, Liza <lmcnulty@berkeleyca.gov>
Subject: Comment on Scope of Environmental Impact Report (EIR) for the Berkeley Water Transportation Pier Ferry

WARNING: This is not a City of Berkeley email. Do not click links or attachments unless you trust the sender and know the content is safe.

To: Liza McNulty and staff of the San Francisco Bay Area Water Emergency Transportation Authority (WETA)

From: Susan Schwartz, 1236 Oxford St., Berkeley, CA

Please accept and acknowledge receipt of the attached comments on the scope of the Environmental Impact Report for the Berkeley Water Transportation Pier Ferry project.

Thank you.

From: Susan Schwartz
1236 Oxford St.
Berkeley, CA 94709
May 17, 2025

To: Liza McNulty, PE, Project Manager City of Berkeley Parks, Recreation & Waterfront Department
2180 Milvia Street, 3rd Floor Berkeley, California 94704
By Email: lmcnulty@berkeleyca.gov

Re: Scope of Environmental Impact Report (EIR) for the Berkeley Water Transportation Pier Ferry

Dear Ms. McNulty and staff of the San Francisco Bay Area Water Emergency Transportation Authority (WETA):

This comment addresses environmental impacts involving "Hazards and Hazardous Materials" that the Environmental Impact Report (EIR) for the Berkeley Water Transportation Pier Ferry must address. I write as a long-time resident of Berkeley and general supporter of the ferry system, not representing any group.

The project creates hazard well beyond simple negligence, because all traffic in or out must thread through a single, narrow, half-mile bottleneck, with no alternative or emergency route. This could trap large numbers of people. It also could cut off a substantial portion of Berkeley's police vehicle fleet, crippling emergency responses.

The project as out lined is expected to draw large and increasing numbers of people and vehicles, at earlier and later hours than now, to a peninsula

- Jutting a half mile into the Bay
- Built of unconsolidated fill supported by rip-rap
- Subject to well documented tsunami and earthquake hazard
- In the face of sea-level rise reasonably likely to reach 5' by 2100 (the standard the East Bay Regional Park District is using for the North Basin Strip and Virginia Extension just north).
- with **only one exit or access route: low-lying University Avenue**.

This is reckless. **The project could easily work against its stated objective "Provide options for emergency response and transportation services in case of an emergency**, such as natural or human-caused event that disables roads, other transit, bridges, and/or tunnels." Significant numbers of people in new hotels, restaurants, and other commercial activities envisioned, as well as ferry users and those using the area's parks now, could easily be trapped, injured, or killed. The ferry, too small for crowds or emergency vehicles, could not help them.

This danger must be considered in terms of both immediate impacts of the pier and ferry and cumulative impacts of the City of Berkeley's Waterfront Specific Plan (WSP). The WSP envisions commercial redevelopment of the Marina area with multiple hotels and restaurants. It was begun in conjunction with the ferry/pier plan and is being prepared in tandem, with approval hoped for in 2026. The WSP relies on the ferry as a draw -- Meetings and presentations made clear

that the existing hotel struggles due to distance from other Berkeley centers of interest; the ferry may attract San Francisco visitors looking for lower-cost accommodation. **Bringing significantly more people to this vulnerable spot at late hours and overnight will make escape more confusing and difficult.** .

University Avenue now backs up and moves at a crawl when public events draw heavy traffic. In an earthquake, tsunami warning (such as recently occurred), or actual tsunami, drivers trying to escape would likely cross the medians into oncoming lanes, blocking emergency vehicles. **An earthquake that ruptures pavement or creates a sink, or a single stall or wreck, could compound disaster. Since much of Berkeley's police fleet is kept at the Marina, it might not be able to get out or even by reached.**

As sea-level rise and climate change continue, risk will increase. **The strip of land south of University is eroding rapidly in several areas**. Wind and storm already wash large logs and wrack to the base of the low rise to the Bay Trail spur and University Avenue (see photo below and link above). Large, windy, rainy storms are increasing due to climate change. The resulting high tides and effective sea-level rise, often called storm surge, will in the foreseeable future wash spray or even waves onto trail and road.



Above¿Debris.washed.close.to.Bay.Trail.spur.south.of.University.by.December.8680.storm¡.Logs.washed.close.to.the.trail.from.storms.in.previous.years.remain¡

Alternative emergency routes, as well as the shoreline strip south of University Avenue's right of way, are part of McLaughlin Eastshore State Park. **The City of Berkeley is in early stages of discussing alternative emergency access routes with the East Bay Regional Parks District**, which administers the park.

The most obvious alternative access is the old Virginia Extension dump road, edging a steep drop to the Bay. This road already floods at normal high tides. Growing erosion notches its edge, and boulders that armor the steep slope have visibly moved downhill (see photos below and the linked

slide show). The Park District has also envisioned an inland route through the habitat area known as the Meadow. Given present fiscal realities, complex and time-consuming permitting, and absence of engineering studies, **this current EIR, and the ferry project, cannot rely on promised coordination with other agencies.**





Above¿Gouges.and.erosion.along.Virginia.Extension

This EIR and project should not proceed without:

- Unqualified, documented assurance from its Fire Department, other staff, and respected regional and state experts that no alternative entry and exit is needed, or
- **Clear, fully permitted plans for such a route, financed as part of the project and scheduled for simultaneous or earlier construction as part of the project.**

I look forward to seeing these matters adequately addressed in the Environmental Impact Report. Please acknowledge receipt of this comment.

Sincerely,



Susan Schwartz

1236 Oxford St., Berkeley, CA 94709

From: Virginia Browning <vexxie@yahoo.com>
Sent: Monday, May 19, 2025 5:00 PM
To: McNulty, Liza <lmcnulty@berkeleyca.gov>
Subject: Re: Scoping Comments for EIR Berkeley Marina Pier/Ferry May 2025

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forgot to put my name on the attachment - now on
virginia Browning

On Monday, May 19, 2025 at 04:58:02 PM PDT, Virginia Browning <vexxie@yahoo.com> wrote:

To Liza McNulty, PE, Project Manager

City of Berkeley Parks, Recreation & Waterfront Department

lmcnulty@berkeleyca.gov

Here are my comments for the EIR for the proposed Ferry/Pier project 2025

RE: PROJECT OBJECTIVES:

Enhance public access and recreational opportunities at the Berkeley Waterfront

that:

--Develop or enhance public pier facilities at the City of Berkeley Waterfront.

There has been at least one alternate cost study for repairing the pier by Paul Kamen I believe, a forensic analyst in exactly this field. He actually advocates for a ferry, but has shown that repair of the pier can be done for much less money than currently envisioned. His analysis and others need to be fleshed out in minute detail.

Too much private development – such as of “food courts” “food trucks” and the like need to adequately consider the effects and cost of increased garbage – also in detail. Also, again, the idea of such over next to Cesar Chavez Park for example is taken as almost a death knell by some of us who so value the near-wilderness sense of this open space. **And this Cesar Chavez area SHOULD be part of the scope of this ferry project, as increasing population at the bay will also push more users to the relatively undeveloped Cesar Chavez Park.** Please don't destroy the experience of those of us whose lives rely on quiet peaceful enjoyment here. The wind is such that money could be poured into concrete, mowing, and other destroying forces only to find that those who love and value the place will find it gone, and others won't use it because it's too harsh for their tastes. This must be adequately considered.

If trails in the Marina along the pier-ferry (Seawall Drive) portion are envisioned, they need to respect the simple fishing recreation and others who enjoy walking on the rather wild-kept shore there or parking to enjoy the water's regenerating properties. A concrete plaza as envisioned eliminates that and condemns current users to grief. (And contributes to global warming BTW).

--Provide sufficient public access and recreational opportunities at the

Berkeley Waterfront that meet regional needs, consistent with BCDC Bay

Plan Policies maximizing access to the Bay.

This objective is a big concern for me, and I fear the traffic studies done so far do not adequately address scoping needs. As others have said * the parking studies done so far do not seem to adequately assess either the current parking needs or future ones. I read the critique referenced below in detail, and looked at the weather for the days surveyed. The days and times are not representative, even with added survey days. I do know this, as I use the Marina often. As you know, Berkeley's task is to protect recreational use at the bay. I won't detail here all the legislated requirements for this (see notes at end for reference). But I will emphasize that with and even without the increasing population Berkeley is encouraging, folks need cool fresh air and something like an open horizon and seascape for mental, emotional, and physical regeneration. Even now some find it very difficult – even in the relatively mild climate of Berkeley – to escape the heat at times, which will increase in the future. Socially as well, a community works better together when its members have adequate respite from city life. To repeat: this is established in written policy and agreements* but even were it not, it should be. A community works best as a community with needed recreational relief and open space. This has long been recognized. This is the Parks department so I guess you understand that.

The parking and envisioned-by-some development for bringing money to the city needs to not undo the solid need for maintaining a healthy community with access to this bay.

--Minimize environmental impacts by considering existing infrastructure and

sea level rise projections.

Yes, see my comments above as well as report references at the end of this!

--Encourage the use of public transit, bicycle, and other forms of active

transportation and sustainable travel to access the site

Yes but this needs to consider that many disabled people used the Marina – I think if you did a survey or simply walked there on many late afternoons you would be astounded to find that this is the case even now with the crumbling trail – because those of us who are disabled need the relief and physical strengthening this place provides, even with needed care where we step. We don't want concrete under human knees and joints (finally repaving with softer asphalt is just fine – but crushed granite is too slippery as well).

If public transit is envisioned, you need to ask disabled people what it would take for them to use it. Right now, hours are irregular; seats are sometimes not supportive. Some type of shared on-demand shuttle is something I think could work for different neighborhoods if planned carefully. This needs to be intricately thought through if you're serious about it in the scoping of this.

Dog walkers? They're going to take their own vehicles. One proposal I've seen asks small businesses to pay a small yearly fee. $25 a year is too small! Professional dog-walkers are small businesses and perhaps should pay something for their use of the bay –more than $25 a year.

Bicycles do not belong on pedestrian paths in much of the pedestrian-oriented peace of the Marina, unless those vehicle-users are unable to walk. A place (or specified hours/days) for cyclists should be considered separate from walkers, some of whom do fear being knocked into by some of these vehicles.

NOTES

I am including a link to a critique of [part of the] parking study done as part of this scoping. I understand that a few extra days/hours may have been added to the parking survey since Mr. McGrath wrote this. However, as I understand the presentation you made to the Parks Commission May 14, 2025 – no surveys were done for the hours of 5-7 pm. I often use the Marina during those hours, and note that Marina Drive is often full or almost full during those hours. I hope you received this from Mr. McGrath himself. I really appreciate his careful attention to details, most of which I support completely and can't say it better, so please read his letter. I know he sent it to Scott Ferris. I found it on the internet here:

https://chavezpark.org/wp-content/uploads/2025/03/Jim-McGrath-on-parking-Additions-to-comments.pdf

Related and separate to the above note: We now hear that the Doubletree Hotel, one of if not the biggest revenue source for the Marina, is close to foreclosure and not paying its agreed amount to Berkeley. Parks Director Scott Ferris made the statement that hotels all over the bay area are suffering, and he even said something to the effect that people aren't wanting to come to the bay area – or so it sounded like to me. I have a recording of that. Yet only recently the same people now proposing this ferry/pier project were asking us to envision more hotel rooms or another hotel! I believe their vision for "food courts" and "food trucks" are equally short-sighted. I understand Berkeley needs money, but it can't be at the expense of the health of its community members! Please consider this honestly and fully.

ALSO, MONEYMAKING IDEA:, The Doubletree DOES have the potential for a lovely restaurant with a view of the bay right now. However, at $30 for parking, I assume many choose to park along Marina Boulevard while the hotel parking lot is mostly empty. Can some jiggling around be done about this? **One reason more people DON'T love the restaurant at this hotel (other than the unnecessarily loud overhead music) is that very large boats are now allowed to park right in front of the restaurnt window and block view of the bay. If Berkeley needs money, how about making a different arrangement for docking those large tour boats? I understand Berkeley in fact paid money for the pier at which they're docked! A mistake, unless that pier can be used instead for some sensible-sized boats and the eyesore tour boats moved farther west in the bay.**

That's it and attached!
Virginia Browning
Berkeley

Scoping Meeting

Berkeley Pier-Ferry NOP Meeting via Zoom – May 5, 2025, 6pm

TRANSCRIPT

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WEBVTT

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On you. Roger will unmute you or give you the permission to unmute yourself. You can then unmute yourself and make your comment, which we will record.

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The meeting is being recorded, just so you're aware of that.

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The one thing I wanted to mention is the next upcoming public meeting, just so you have it on your calendars, next Wednesday May 14th, we'll be giving a very brief presentation at the Parks, Recreation and Waterfront Commission meeting that is a follow up to a previous

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Not brief presentation we gave about parking and transportation demand management. There were some questions at the presentation that we gave in March, and we're going to just do a very quick presentation to provide some answers to those questions. And so again, that's next Wednesday in person.

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At Francis Albrier Community Center in Berkeley at 7 p.m. With that, I will turn it over to Leo.

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Thanks, Liza. Leslie, can you advance to the next slide, please?

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So here's our agenda for tonight. We're just going to begin with some brief introductions so you know.

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Who is in the room, as well as go over what the purpose of this meeting is tonight.

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I'll then go over an overview of the project location and provide an overview of the project description.

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Then I'll give a little bit more of an overview on the CEQA process and what that is, the California Environmental Quality Act.

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That's going to be followed with the topics that we will be considering in our EIR, our environmental impact report, and the overall structure of that document.

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We're going to end it with just an overview of how to submit these public scoping comments.

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And then we will take the scoping comments from you, from the public. So next slide, please.

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So just who's in the room. So Liza McNulty is the overall program manager, project manager with the city for this project Parks, recreation, and waterfront Department. And then we have Roger Miller, who's assisting with this as a senior management analyst.

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We have Kelsey Bennett, who is the director for CEQA with RingCon Consultants.

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Myself, who is managing the overall CEQA preparation of the EIR, And Leslie Slade, who's assisting So we're really, really excited to be with everyone today.

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So next slide, please, Leslie. So the overall meeting purpose really is to hear from you, hear from the public. We want to receive public input and comments, and we're really hoping to get input on the following, which is the scope of the environmental impact report. So we want to know what's the content of the environmental analyses for the proposed project that you would like us

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To analyze. What are the environmental topic areas of concern that you want to make sure gets considered in the environmental impact report?

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What are your specific environmental issues of concern so that we know that to address those.

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If you have any potential alternatives to the project, we would love to hear those so that we can consider those. And then finally, if you also know of any mitigation measures that you want us to consider.

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As we prepare the document, we would love to hear that as well.

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So next slide, please. So overall, the location, the project is located at the Berkeley waterfront along the San Francisco Bay.

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So the total size is 119 acres, and I'll go into detail on the next slide.

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What that entails. The current existing use is a pier that has been closed since 2015. I know many, many people here are familiar with it.

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There's parking lots. Roadways and of course, Shorebird Park.

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So the land use designation is waterfront marina and it has an unclassified zoning.

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So overall, where the project is going to take place, it's going to include The closed Berkeley Pier, including that entry area for the Berkeley Pier. The San Francisco Bay waters around the closed pier.

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The parking lot off Seawall Drive and then two roadways, University Avenue and Seawall Drive, as well as the adjacent vegetated street islands that are adjacent to University Avenue and Seawall Drive.

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So next slide, I'll go into a little bit more detail about the project details.

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So on the right, you can see an overview of the plans.

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So the project is going to include first demolition of portions of the closed pier.

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So you can see that. That you can see that on the left side of the figure.

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And then in that place, we're going to construct a new approximately 1,080 foot long public pier at that same location. And that's going to provide both pedestrian access and recreational amenities.

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On that pier as well, there's going to be a new approximately 400 foot long breakwater that's going to be perpendicular and connected to the new peer. And that's also going to be accessible for pedestrians and provide recreational amenities. In the figure you can see

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The curve, what's known as the sword design. So some of the recreational amenities on the pier are going to include interpretive and educational signs.

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Benches, a shade canopy. Seating and a fish cleaning station.

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The project also is going to include the ferry infrastructure, including the universal charging, the boarding floats, the landings, the gangways, the security entrances. Essentially everything that will allow people to access The ferry from the pier.

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So there's also an existing 100 foot wide US Army Corps of Engineers Federal Navigation Channel that parallels the close pier, and that will be dredged.

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To allow for ferries to access the site. There'll be also a new public plaza with amenities such as a new public restroom.

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Benches and bicycle parking. And then there's also going to be improvements along University Avenue, including repaving and restriping of it.

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Between Seawall Drive and the intersection with Marina Boulevard. And there's also going to be a new raised bicycle track passenger drop-off zone and then improvements to the public bus infrastructure. So there's more on the next slide.

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There's also going to be improvements to seawall Drive, including the realignment, repaving, and restriping.

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There's going to be a development of the portion of a portion of the planned bay trail extension just south of the pier along Seawall Drive.

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The seawall drive parking lot itself is going to be renovated with new pavement, surfacing, striping, lighting, and stormwater treatment.

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There's going to be new landscaping as well as tree removal and tree replacement.

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There's going to be new wayfinding signage and replacement lighting. There's going to be new utility connections such as electric infrastructure to charge the ferry vessels.

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New water connections for the restroom and for hose bibs. And then new wastewater connections for the restroom.

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And then, of course, there's also going to be the operation of a new zero emission electric passenger ferry service.

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That will connect the Berkeley Ferry Terminal with San Francisco and with Larkspur.

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So next slide, please. So in addition, there's a couple of improvements that the city is currently considering.

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The first is solar panels in the renovated parking lot. So the city is really just looking into the feasibility and practicability of implementing this. So that is something that's under consideration.

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In addition, a recreational water access to the bay. Again, the city is considering the feasibility and practicability of that.

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And then finally, some recreational improvements to Shorebird Park. So the city is considering that as well.

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So next slide. So just an overview of the California Environmental Quality Act.

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The city of Berkeley is the lead agency under CEQA, and then WIDA or SF Bay Ferry is the responsible agency under CEQA.

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So what's the purpose of CEQA? The overall purpose is really as a public disclosure and input process.

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And it's really so that the public can provide their input and the city can provide disclosure on the environmental impacts of a proposed project.

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It's also to minimize, reduce, or avoid environmental impacts. And by doing so, implement identified mitigation measures.

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So this is an environmental impact report that is being prepared and it's being prepared at a project level analysis as opposed to like a program level.

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So next slide, please. So this is the overall SQL process.

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So the SQL process begins with the city publishing a notice of preparation and taking EIR scoping comments. So this is where we currently are in the process.

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So the city is going to solicit comments from agencies and public on the content of the draft EIR.

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And so that will be happening until May 19th. And tonight we are taking some of those scoping comments tonight.

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So once the city has those scoping comments, they will prepare the draft EIR And they will consider those scoping comments as they prepare the draft EIR.

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So once a draft EIR is ready, there'll be a second opportunity for the public input process.

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So the city will publish the draft EIR and then there will be a 45 public public 45-day public review period in which the city will be soliciting comments from public agencies and the public on the analysis and the information in the draft EIR.

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So once those comments are received and once that comment period closes, the city will prepare what's called the final EIR, which will include responses to the comments that were provided, and if necessary, revisions to the drafty.

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So once the city publishes that final EIR with all those response to comments, then the city will make a decision.

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On whether to certify the EIR and whether to approve the project.

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So in addition, another part of this will be that the responsible agency, in this case WIDA or SF Bay Ferry, will also consider the final EIR, whether to certify it.

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So next slide, please. So these are all the topics that we will be covering in our EIR. So some of them are more relevant than others. So the first one.

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Agricultural and forestry resources. We will take a look at it, but there aren't really any agricultural sites out here. We'll also be considering biological resources, cultural resources.

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Geology and soils, energy. Wildfire, public services, transportation land use and planning, hydrology and water quality.

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Hazards and hazardous materials, tribal cultural resources. Population and housing, aesthetics or visual resources, recreation.

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Noise, air quality, mineral resources. Greenhouse gas emissions, utilities, and service systems. So we really want to hear from you about these these topics tonight.

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So this is the overall structure of the EIR just so that you can get an idea of what it's going to include.

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So we'll have an executive summary that kind of overall summarizes what the impacts are, what the mitigation measures are, what the project is.

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We'll also have an introduction that kind of provides an overview of the of the background of the project, as well as how the scoping comments are addressed where in the environmental document.

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The scoping comments that we're getting are addressed. That's followed by a detailed project description that provides an overview of all the details of the project that are being proposed.

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And then we have the environmental impact analysis, which is really kind of the meat of this document. And each environmental impact section is going to have a setting, an environmental setting that kind of identifies What are the resources out there? Followed by a regulatory framework that identifies what are the existing laws

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That govern that specific resource. Then we have identify the specific Appendix G significance criteria. So that's something that comes out of the CEQA guidelines.

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With their specific questions that we'll answer. That'll be followed by an approach to analysis where we kind of provide our overall methodology.

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The specific thresholds of significance as well, which identify what the level is for an impact to rise to a significant level.

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And then we'll disclose the project level impacts and identify any mitigation measures needed to reduce impacts And then we will also consider cumulative impacts, which are those impacts related to if there are multiple projects nearby, if they can all add up to a significant impact. So we'll be considering that.

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And then finally, we'll have an alternatives analysis where we will consider potentially feasible alternatives that meet most of the project objectives and reduce significant environmental impacts.

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So next slide. Okay, so this is how to submit EIR public scoping comments. You have until May 19th.

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Until 5 p.m. To provide your scoping comments. And you can provide them via mail to the city of Berkeley Parks, Recreation and Waterfront Department. Attention, Liza McNulty, PE project manager 2180 Milvia Street, 3rd Floor, Berkeley, California, 94704. We'll return to this slide so that you guys can write it down if you need to.

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Or you can send them via email at l McNulty, which is LMCN U L T Y.

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At berkeleyca.gov. And please use the subject line BWTPF EIR scoping comments so that we can make sure that we identify those as scoping comments.

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Okay, next slide. So this ends the presentation and now is the time to hear from you, from the public and get your public scoping comments. So please use the raised hand feature to provide your comments.

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And we're here to hear them and to really take that in Or when we start preparing the environmental impact report to make sure that those get addressed in our analysis.

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So I am going to wait until we see a raised hand and then and then we'll kind of get going.

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Okay. I see. Tony has raised their hand.

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Roger, can you please unmute Tony? Oh, there you are. Yes, I can hear you.

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I believe I am unmuted, correct? I'm very interested in the parking impacts And whether or not there will be enough parking left at the waterfront For recreational use.

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So the waterfront is the waterfront is accessible by public transit. I think it's the 51.

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But most people drive to the waterfront and it's a very valuable asset for people.

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And they like to go sailing and water Surfing and walking their dogs And a whole variety of recreational activities. So that's, I think, uppermost in my mind.

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Is whether or not the parking will be adequate for members of the community who want to access it for the various recreational activities down there.

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And of course. Greenhouse gas emissions for all this uh traffic is going to be generated For the parking in the ferry.

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And finally, I'm very interested in making sure that the ferry doesn't interrupt The wildlife patterns, we have a lot of migratory ducks and other birds, seasonal visitors to Berkeley.

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Who come and go from that area. And I'd like to make sure that the ferry activity is not disruptive to their natural habitat.

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Thank you.

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Thank you, Tony. Okay, we have… Go ahead.

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Leo, real quick. Will you review really quickly how to raise your hand just in case there are folks in the audience who are less familiar with Zoom?

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Got it. Yes. I actually, I think I have a little bit of a different viewer because I have I'm presenting um Roger, do you know how to do that?

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Yeah. So at the bottom of your screen, there should be a button. You have several buttons and one of them is called reactions.

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Can you see, can you nod your head if you see reactions on your okay so click on that and then you'll you'll have it a bunch of different options. And one of them is a hand raise and you just click on that.

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I know most people are familiar with that but this is a good reminder. So thanks, Leo.

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Sorry, I actually… I actually click on it and it does not come up.

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Okay. Liza, where's yours?

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I actually couldn't find it. That's why I asked. So thank you.

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Thank you. Yeah, so I don't know.

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It is in the same place. Under React, you should be able to raise it.

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If I do that, can you understand that? Okay, great. Cool. Okay, thanks.

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Raise your hand. Yeah. If Claudia raises.

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Yep, we see it, Claudia.

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I'm going to go to the ones I see. And then, Claudia, I want to make sure that you get after. So if I see that, I will call on you. So let's go next.

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In line is Camille.

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Yeah, hi, thanks. I got a couple of questions.

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So my first one is.

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Does when you're thinking about the ERR, What is the role, if any, of sort of a baseline usage like do you have Do you think of the different recreational activities and the impact on them?

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From a certain baseline as in like the change would be such and such from a baseline in order to determine whether or not the impact is significant.

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Yeah, I can just answer that real quick. And I do want to also encourage if If you want to please provide your comments in writing, that would also be very helpful. But in general, CEQA does require that environmental impacts consider

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Impacts related to a baseline. And the baseline is the existing, usually the existing conditions At the time that the notice of preparation is is released. So existing conditions at the time of the NOP.

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Ah, okay. Interesting. Okay. My second question is um about dredging, are you characterizing the dredging As new dredging or would this be only characterized as maintenance dredging?

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I do see the federal navigation channel on the charts, but from the overlay of the actual terminal itself.

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That there would have to be a dredging a little bit closer to the pier beyond the actual boundary of the channel.

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So how are you characterizing dredging for the sake of this project.

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You know, I think I'm just going to say, I think that that's probably something that consider with a written comment, if you will consider that in our document and make it very, very clear whether it's considered You.

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But I'm sorry, don't you know?

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Yes.

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We're working on the EIR project description. As we speak, because it's the very beginning of the process. And so detail all the details, including that arise from your questions today will be considered in the EIR. So actually, it's a good question and thanks for

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For bringing it up because then we'll make sure to address it specifically in the project description and the EIR as well.

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Okay, because I did see it referred to as existing dredging along an existing channel, however, the project plan is goes a little bit beyond that. So that was in the city letter. So I guess I'm not sure how you're describing the

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The project, but you're saying you're going to describe it as you go is what you're saying.

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Yeah, it's dredging that's happening within an existing channel. And the details of the Dredging will be included in the project description.

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Okay. So, um. Would it be possible to make available a better map that overlays like the actual federal navigation channel with the dredging area.

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That would be required, whether that's deepening the existing childhood channel, widening it.

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Or extending it to a completely new area. Would that be possible before May 19th?

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I don't know if that that would be possible, but I will say that the footprint that we've identified in the part of in the scoping comment That includes the limits of where dredging would occur.

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Okay. All right. So that is beyond the federal channel. If I look at the, say the note that the city passed around.

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So it's not existing. It's on charts. It's on charts.

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We haven't identified the federal channel in that figure. We just kind of… Okay.

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Okay, then my other question, and then I'll be quiet for now and let others ask as we come around.

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How does CEQA balance, whatever environmental impact we identify with any sort of economic benefits that may or may not come out of the ferry. So in terms of understanding if the comments, the EIR comments that we provide should also say shed light

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On what might be the economic benefits to Berkeley.

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Yeah, I'll just answer this briefly just kind of to give you an overview of the SQL process.

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Once the Leslie, would you go back to the timeline real quick?

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When the city decided Yeah, went in the purple. City makes a decision on the EIRN project so When there is a decision whether or not to certify the EIR, or approve the project. There'll be a document that's called a findings of fact and statement of overriding consideration

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Okay.

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Wherein the city will identify the economic benefits or the reasons ultimately why they will they will approve or not approve or certify or not certify the project depending on That's kind of where the process goes. So it's in that part of the city makes a decision on the EIR and project

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Okay, so we should then include comments on the overriding considerations then in our EIR comments due May 19th, right?

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You can send those now or you can send them. You'll also have the other opportunity to provide them during the draft EIR 45 day period.

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Yes, we want to take as many comments as possible.

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Okay. Okay, I'm just trying to understand what CEQA is actually like legally obliged to evaluate.

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So CEQA is not required to evaluate economic impacts. The EIR itself would not evaluate economic impacts, to be clear.

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Okay, okay. And also, I'm sorry, I missed it at the beginning. Ms. Bennett, could you Are you the consulting firm that would be preparing the EIR?

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Yes, as Leo introduced at the beginning, I'm on the Rincon consultants team.

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So we are hired by the city of Berkeley. To prepare the EIR.

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Okay, thank you. All right. I'll do it.

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So, and real quick, Leo will continue to call on folks with their hands raised, but I just want to really clarify the purpose of this meeting for everyone. This is Liza speaking.

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We're here tonight to receive comments on the scope of the EIR. That is, what should the EIR study?

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Hormonal impacts or environmental resources, do you want to make sure are covered in the EIR?

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We're not here tonight to answer detailed questions about the project. The project description, details, and what those actual environmental impacts are are all things that we are continuing to develop.

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I just want to clarify what we're here to do today is to really hear from the public on what you want to make sure is covered in AIR and not to speak to the specifics of the project. All of that information will be in the EIR that we have yet to start preparing.

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Thanks, Liza. Yeah, Jack Morrill or morel is next.

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Real.

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Yeah, thank you. Morel, like the mushroom, but I'm I'm not a mushroom person. So a few things I would just maybe second the comments from Camille around baseline usage and water quality from Tony.

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So I'm someone who's someone who occasionally kayaks frequently does open water swimming in the bay Berkeley is one of the few access points in the East Bay for people who do open water swimming, both in the basin And from the south.

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Southwest corner, which is where the HS Lordship restaurant is. So I have a few points about, I think, the what of what should be studied. I think the first one would be parking at completion.

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If you think about recreation. You're basically proposing that all of the parking be turned into parking for the ferry.

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And while I do occasionally ride bike or know people that take bus, if you turn all that parking into paid parking, you really limit the ability for people to recreate at the site.

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So I think you should consider what the impact is to say like periodic or part-time users of this outside of people who would come and park strictly for access to the ferry.

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I think the second one. Would be parking and access during construction that southeast, sorry, southwest corner is realistically the only access point right now. The city has failed to maintain two of the three docks in a sailing basin, which

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Puts a lot of traffic going through that southwest corner. So I would figure out how you make existing resources available and accessible to people during construction rather than just close everything off.

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Especially kind of considering the first point as well. And then the third one would be about like maintenance and durability of what you're putting in. I think this probably falls under the Maybe aesthetics and visuals may be the point about

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Recreation, but because the city has not maintained two of the three docks in the sailing basin. Traffic is going to that southwest corner.

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So I would think about how you can build something that minimizes impact, but also maximizes the ability for people to recreate there and have something that actually is durable and enduring.

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Rather than something that that fails or isn't maintained.

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Because it's only one access point, it's really frequently closed off or inaccessible so figuring out how to take advantage of that would be really important.

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I would say kind of to all of those points, Ensign all boat ramp in Alameda is probably a really good model for how you can cover all three of those.

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But I'll leave that to you to do the comparative competitive analysis.

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Happy to take questions or clarification on that.

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Got it.

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Okay. I'll just highlight that. We talk about sailing a lot, but there are many other users of this, especially swimmers and windsurfers that need to be considered.

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Thank you.

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Wonderful. Thank you for your comment. Let's see, who is next? Martin Nicholas

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Yes.

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Right. Am I unmuted? Thank you. I am CEO of the Chavez Park Conservancy, but I'm speaking in this matter As an individual, the Conservancy is not taking a position on this.

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My personal opinion as a person who has loved the Berkeley Fishing Pier for many years.

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Is that the… ferry project is a classic politician's vanity project.

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There is no economic, social, or other necessity for this very It's being projected simply because it's being simply It's a way to focus attention on the politicians who want it.

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And who see a way to build their careers behind this project.

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So let's say that I'm flatly opposed to it. My view is that what needs to happen is to fix the pier.

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Fix the peer that as it is. And forget the fairy.

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But uh you're going to go ahead with an EIR.

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I would first of all second the first of all reservations and questions that have been raised by others about about water about disturbance of existing small boat traffic about parking especially, which is a major impact.

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And I would ask also that i would ask that

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You can't put plain economics in an EIR. You just said that.

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You're not going to look at the budget of the ferry as part of the EIR.

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But it's predictable that the money that's going to go into the ferry is going to take away money from other projects.

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And so I think the EIR ought to look at the sacrifices to other environmental projects that are going to be made in order to pay for the ferry going forward.

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It's not a strictly budget type analysis. It's an environmental analysis mediated by budget issues.

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I would also like the EIR to look at other alternative for transportation across the bay. I don't know if this is already part of it but What's the impact of this ferry project on car traffic across the bridge, and more important, what's the impact of this very

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On BART traffic across the bridge. Has that been looked at at all?

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I would like it to be looked at as part of the project.

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If it goes forward at all. All right. That's it for right now. Thank you.

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Thank you, Martin. Up next, we have aaron Team.

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Yes, thank you for taking my comment. So as far as alternatives, I would like you to study having just the pier and no ferry.

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And I also appreciated what the former speaker just said about impacts of the ferry on other forms of transportation, particularly BART.

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And potentially bus traffic. And I'm very concerned about the impact of the parking for the ferry.

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On recreational access. So I want that to be studied very closely and I would like that study to include the visitors needs for transporting equipment like sails and their surfboards and everything that they need that they can't just park anywhere. They need to be closer to the location where they need to launch.

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I would like the time covered to be expanded it is currently too short. And if we're really serious about talking about biological resources, we have to think about migratory species.

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So if we limit the study to a point in time, and it is a time when the migratory species are not here, we don't actually evaluate the impact on those migratory species.

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So there needs to be, I don't know, three or four points of time that look at when the overwintering birds are here.

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When the birds are migrating and when the summer species are here.

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I would like the area to be expanded. It is too small to correctly evaluate the impact on biological resources.

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For example, there has been a white-tailed kite, a pear, nesting down at the marina.

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And it is right across from, it's not included in the outline of your area.

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But if the trees at the Shorebird Nature Center Park are cut down, and we've had quite a bit of public comment on that.

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And the whitetailed kite happens to hunt there to feed its babies.

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And those trees are gone and the wildlife that is there is removed.

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Then that whitetail cut may no longer be able to actually survive there.

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And so if you don't actually take into account the larger area, you won't actually take into account, evaluate the impact on the birds that might not live in that very small circumscribed area that was in the map you all shared.

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I would like you to expand the species that are covered. And this is a question, my understanding is sequels only cover listed species. Is that true?

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We look at special status species.

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Okay, so I think that that's inadequate to actually evaluate the impact on biological resources. And I would like that to be expanded to a broader basically all species, because we know that basically most species are in steep decline and many of them are at risk of extinction. I would also like to expand the impact of cumulative impact

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My understanding was you said you would actually maybe look at some of like the proposed hotel development, but we know that this ferry system is looking at putting in, I think it's 27 terminals.

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And we know that that will have a massive impact. On the entire Bay ecosystem.

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Specifically for the ferry I would like you to look at both the impacts of diesel and electric.

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And also the impact on just single Berkeley terminal and a fully built out cumulative impact with 27 terminals.

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I've liked energy use So BTUs per passenger mile compared with other forms of transportation like BART, The noise impacts of the fossil fuel and electric ferry above and below the water The increase in turbidity, potential detriment on water quality.

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A big one is ship strikes, and this is where cumulative impact is very important.

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We've had five whale deaths in the Bay recently. One of them was confirmed to be a ship strike.

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And also something I'm extremely concerned about is light pollution. Potentially on the pier.

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Because we know that light pollution is a significant contributor to insect declines, which we know are have declined globally by 75%.

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Which then also has impacts on fish and birds. For birds, I would like all the species in the area documented.

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Including migratory and resident i would like

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I'd like to take this off. See if we can reposition it

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Tony, were you did were you? Say anything?

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Okay, I'm going to keep going. I have three more points. So I've really been very disappointed in EIRs in the past for other projects. I need to be really honest. I feel like they're very inadequate. There's a lot of data out there right now.

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Like eBird that needs to be incorporated. So we have truly thorough lists of the species that have been documented in these spots. So specifically for this, I would like eBird to be used for the hot spots.

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To identify the up to 200 species that have been documented out at the waterfront.

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And not just in that very small mapped area, but as I've said before, Cesar Chavez Park and East Shore Sylvia McLaughlin or Sylvia McLaughlin East Shore State Park, because we know those birds Those birds don't just stay over there. They fly all around the whole area. And we know we have the pelicans that fly all up and down.

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The coast and we need those animals to actually be protected and incorporated into the study.

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And for example, the burrowing owls, which we know are now being considered as an endangered species for the state of California.

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Like to see them also incorporated. And… Also, all lists of the species of special concerned and fully protected species, which I think, Leo, you already said you all would include.

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But I guess the major thing is these EIRs to me they just, they're not large enough. They're not expansive enough to look temporally migratory and residential species. And then also the impact of this system that's being proposed, just one single ferry terminal versus 27.

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And if we don't look at it and the cumulative impacts, I don't actually think that we're doing a good job to evaluate the environmental impacts.

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Thank you.

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Thank you. Okay. We got David Fielder next.

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Okay, thank you. One of the things I focused on in your introduction was you would love to hear alternatives.

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We've been talking about alternatives for years now with WIDA and the city of Berkeley.

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I specifically spoke with WIDA management. And was told we won't consider.

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Alternative the alternative of having a small foot ferry coming out of the inner harbor.

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Which solves many of the problems that you're being asked to address.

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They won't consider it. So that leads me to the question, and I'm sure it's technical.

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Of lead agency versus responsible agency. If Berkeley, City of Berkeley is the lead agency and has the ability to decide what to do? Why is WIDA the responsible agency?

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And controlling the purse strings and actually controlling the design of this project.

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When push comes to shove. So those are some concerns.

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You talked about the construction staging area. I was very closely involved with the construction of the new launch area at Point Isabel Regional Park.

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East Bay Regional Park District. And we lost access to that site for quite a while.

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Because of construction staging. What you showed in the graph or the chart earlier tonight showed the whole of His lordship's parking lot being used for construction staging.

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If we can't access that cove, as you heard from another participant tonight. That's a disaster.

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I also have the sense that the sense This is a done deal.

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There will be, that's how it's being phrased. There will be this, this, this.

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Recreational improvements, on the other hand, are under consideration. We had a focus group meeting just a week ago about access to the code at 199 Sewell Drive.

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That's certainly threatened by construction staging. And then my last comment will be existing conditions.

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Where is your baseline? What was the use in 2015 when the pier was open?

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Now, of course, the existing conditions are the piers closed. What was the existing conditions when the parking lot and his lordships was open.

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It's been locked for many years now. Is that your existing condition?

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So be careful in the timeline that you're talking about. I think that's about it for me. Thank you.

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Thank you. Okay, we got Gordon Stout next.

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Can you hear me? Okay.

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Yes.

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Probably all of you are familiar with the Skates restaurant and have been there near the base of the pier.

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In the area where the WIDA ferry will dock. I don't know if you've been there in the middle of the summer when the wind is really The wind surfers are all happy because It's blowing really hard.

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And you get a lot of waves and you get a lot of wind and you get a lot of push on anything that's out there in the water.

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Now, when When the WIDA fairy comes in.

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There is a critical time. When if something happens.

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Something unexpected and rare, but if something happens And the fairy loses control because of some mechanical problem or personnel problem, whatever.

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Then there is a chance of that ferry washing up on the shore or washing up on the skates restaurant.

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Washing up on the shore is a bad thing. Washing up on the skates restaurant is a very bad thing indeed because it's it could do damage to the restaurant. It could hurt people.

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I think that needs a careful look. It's a complicated problem.

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It's not these are going to be different from our regular ferries, right? They're new ferries, which is a good thing.

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But there are also unknowns. We don't know. What kind of failures they're likely to have.

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And the question of how you respond to such a situation. Okay, you're going down there and suddenly, whoops, this thing isn't working anymore. What do we do?

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How you respond to that situation is complicated to figure out.

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So I think that needs some attention. And my written document has a bunch of stuff in it, which I think you might want to refer to about it.

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But the ARR has to chase that down. And make sure that you're not making something that in a few years you'll find a few years.

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That people are getting hurt and they shouldn't or people have gotten hurt. It'll happen one time once I do have a bunch of other things about the parking in the marina.

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Mostly, I'm really concerned. That if you put this much extra parking into the marina and essentially turn every parking lot into at the appropriate times of year into a full parking lot You'll change the character of the place.

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If you have the marina such that in order to use all your parking, you have to go park way on the other side of the marina and then come back to where the place you actually wanted to go.

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For recreational users, that's a nightmare. For commuters, it's kind of a nightmare, although commuters deal with nightmare. That's why they're commuters.

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But it changes the place. It changes it visually.

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Have you looked at Larkspur? The Larkspur landing place. It's a big old parking lot.

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That's what it is. The Berkeley Marina is not a big old parking lot. It's a beautiful place.

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That's all for now.

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Thank you. Okay, we're going to follow up with uh Kelly R. Margarren.

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Okay, thank you. I am disappointed. I'm sorry that this is going to be another Rincon EIR.

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I've been looking at your EIRs for now for 11 years, those in berkeley.

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And the analysis for biological impacts has been very disappointing and I don't think it really can be categorized as sloppy.

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For me, it seems to fit more of a profound intentional ignorance on the impact of projects So I hope that you do differently with this project because this is a site where we have migrating birds.

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And resident birds and marine life And the ferry and the pier are going to affect all of these.

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The area that you're studying is way too small. And I was also very disappointed with the parking study that was presented to the parks, recreation and waterfront commission uh from reading that study deliberately excluded peak use times in terms of analyzing what kind of parking

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Was needed. You know, all these EIRs are put together and written to support the decisions that have already been made I have very low expectation that this will be any better than the kind of EIRs that I've seen in the past, but I still hold a small amount of hope

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That you will do better and actually consider biological impacts.

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So those are my critical comments. Thank you.

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Thank you. Thank you Okay, Bill.

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Okay. Roger, would you be able to unmute Bill? We're not hearing Bill.

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Yeah, I sent a message to Bill. Saying go ahead and unmute the computer. So I've done that and Some people's Zoom accounts have… are a certain version that don't work anymore. And we don't have control over that.

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So Bill, do you see that message on your screen? I'm sending an unmute signal to your computer. There you go. Great.

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There you go. All right. Thank you so much for unmuting me.

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And uh um I'm enjoying all the different things that people are having to say. They seem very important.

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About the environmental impact of this. I come from the recreation side and perhaps I'm a little selfish about trying to get things for the people who are going to recreate down there. I'm following Jack Morrell here. I'm wondering, first of all.

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What's going to happen to his Lordship's restaurant? I noticed in the outline you gave us of the project.

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His lordship's restaurants seemed to be outside the outline but It certainly cannot be outside of the area that we're talking about since it's so adjacent interred in the area. Secondly, I was wondering about about what could be used for

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But his lordships could be used for if it could not be used for a restaurant anymore. It doesn't seem like it might be financially functional there, it would be a wonderful thing to turn into a nonprofit where people could start

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The city of Berkeley could use that space to help people access the water in all the different ways there is and teach them about use of it.

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I would also like to suggest that I was wondering about the area, the so-called saber, the perpendicular water.

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I guess the peer that is going to… that is you're talking about, isn't that what it's called, the perpendicular section of the uh of the peer that is going to jet into the basin now it's going to be a brand new

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Fixture added to the pier. You also said that there was going to be uh access to that area, which that uh I was wondering if that access will also lead us to the water as well, not just be access for fishermen or access for viewing.

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And so, yeah, my main purpose is to take this if this this innovation, if it is going to happen, and let it improve the access of the water for people who are not going to be using it as a transportation

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To the city. And perhaps that might help the city of Berkeley sell the whole project too.

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But that's just a suggestion. Thank you very much.

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Thank you, Bill. Up next, Friends of Five Creeks.

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Yes, I'm Susan Schwartz. I'm speaking as an individual not representing Friends of Five Greeks.

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This is my only Zoom account and I can't have two on my computer. I am not speaking for Friends of Five Creeks. Thank you.

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I agree with many of the things that have been said, and I expect to send written comments.

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But I want to speak to a basic question of safety.

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This terminal. Is being built on a artificially filled peninsula of unconsolidated fill jutting half a mile into the bay with one road In and out.

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This is a well-documented tsunami zone. We just had a little practice, didn't we?

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And certainly, it's not the place you want to be if there's a big quake.

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I considered criminally negligent.

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To propose this with only one road in and out. So I will stop there but i have more to say. I do have a… Question.

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To clarify. Other people have raised this.

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Are you going to consider Literally, present conditions.

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So that any increase in parking, let's say at the His Lard Ship.

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Love or any increase in ability to is because there is none now on the pier now is a total Net.

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Plus, is that your proposed analysis?

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So this is Liza. What I'll say is just sort of reiterate as far as measuring the whether it is a net plus or not, that analysis hasn't been done yet. So I don't want to put Leo on the spot to have him try to answer that. I think what he has said is that the existing condition

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Is defined as the existing condition essentially at the time of the NOP, which is now.

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But as far as what the impacts from that existing condition are, that analysis has not been completed.

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And then a similar question. Since, as others have pointed out.

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The ferry is fairly well defined, but possible changes to recreational positive and negative or not.

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Than anything anyone has to say has to be completely hypothetical.

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Is that correct? And if not, why is that not correct?

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So the project description includes a description of the ferry as well as multiple recreation amenities, such as a cycle track, pedestrian pathways, and improved water access on the peninsula. Those are all described at the level of detail that they are currently developed and we will continue to develop

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That level of detail as the project progresses.

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So if we want to comment on some of those, positive or negative we should look at that at what's there now and do our best is that there's best what you're telling me?

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So this scoping period is to make comments on the scope of the EIR, what the EIR will study.

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I understand that.

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There will again be the opportunity to comment on the draft EIR itself, and that will have a much higher level of detail regarding The project description and project elements. So as far as comments to report now, yes, those comments should be based on the project description that has been published.

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Thank you.

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Wonderful. Thank you. Next up is sally

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Yes.

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Hi, are you able to hear me? Fabulous. Okay. So I'd like to um perhaps add a few things to the scoping list.

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The first one I'd like to mention is that the city has been deriving income from the marina for many years.

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The success or failure of the various projects that are being considered in the EIR, They will survive or fail based on the city's conduct with regard to budgetary matters. And so as part of the EIR, will there be any kind of commitment by the city of Berkeley for ongoing maintenance or other kinds of issues like dredging.

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For the South Basin and other areas, you know, because the financial backing of this highly successful city park It really needs a commitment, in my opinion.

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The second thing that I'll mention is that I didn't see safety listed on the very on this on the screen that had the various factors that an EIR would analyze. And I grew up in Port Angeles, Washington, which is a small town on the Olympic Peninsula with a ferry boat to Victoria, British Columbia.

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And also, I have… used Washington state ferries many times. And the communities where the ferry terminals are located are exceptionally dangerous for pedestrians bicyclists and others who wish to use the roadways or sometimes even the sidewalks. Because as people

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Get into a rush and they're trying to make a ferry at a particular time.

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You know, they're thinking about that instead of watching out for children. And I think that we will have fatalities if we end up putting a ferry terminal inside what is a highly successful family-oriented park.

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I love the Berkeley Marina. And then the um and then the The third issue is just that the marina, in my opinion, is Berkeley's best park. And to turn it, it's just inconceivable that it would be turned into a commuter corridor.

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And as a kayaker, I've visited the Berkeley Marina many times when I had to search and search and search for a parking place and yet that will be even worse with with parking for the ferry. And I'll stop there. Thanks.

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Thank you. Okay, we have… Jack Morrell.

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I came back. I had… some other points that were raised. I mean, first, I'll say this, it's off topic, but that seems to be what some people are here for is This meeting is a solicitation of what the study should cover.

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I think it's fine to be disappointed with the content of studies past and the impact that this project might have, but I don't think unsubstantiated complaints and off-topic remarks, they're not really going to improve anything so Hopefully everybody can do better. I liked

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That this will stay on topic. So I had three additional points that are related to what was said before.

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The first one around the seawall, I think it'd be helpful to maybe look at the what around the seawall in regards to there are very few access points, but that's because the seawall is quite treacherous to climb down to get to the water.

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I think a request on what to study would be like softening that seawall in some way. I don't know what's feasible, but some seawalls are not.

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Car-sized rocks. Some of them are smoothed berms, I think it'd be interesting to look at maybe from the geotechnical engineering perspective.

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I would also second the concern about the infill that that peninsula is built on.

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I don't know what impact dredging has, especially since it's already been dredged.

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But I would question what sort pollutants or sediment are stirred up from dredging existing areas that might have been part of the infill.

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Given that I think there was some sort of hazard or radiation detected in a number of different parts of the bay.

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And the third one would be maybe hydrology impacts. Maybe it's more of a question, but by putting that saber in Does that material materially change the tidal impacts of the sailing basin?

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I don't think so, but I think it might be helpful to indicate that just because the tides in the bay are very fickle and complicated. And when you change a little bit of the tide, you get something like you see in Alameda where the beach is effectively gone.

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Those are my other three points. Thank you.

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Thank you. Okay, I think… I think that was, oh, I just saw some more pans go up. Camille.

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Yes. Hi. Yeah, thanks. I wanted to just follow up on a number of comments on baseline.

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Configuration of that. I think that's a really critical point here because um The pier has been closed for 10 years and in that 10 years, I have not really seen any capital improvements In terms of walkways, well, there's a street that goes out to the University Ave. That was great to have fixed.

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But a lot of stuff has just degraded and i understand budgeting issues and things like that. But it really does sort of bring into question what baseline you use.

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So I would like to see in the EIR baselines prior to peer closure. And that would include visitation for fishing.

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And for visitors just recreating, a very popular place to go walking out at sunset there.

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Prior to peer closure, or if there could be a multiplier.

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Some sort of estimate of a multiplier in terms of number of people that are visiting now and visiting now would visit in the future. I actually do have a report that I could make available that is based on, you know, supposed to be based on

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Sound methodology to estimate the increase in demand on fishing. For if the peer, just the peer were reopened Also, his lordships obviously closed.

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And then, so we don't know what it would be next But just assuming what if it's say it's opened as a restaurant.

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Just some accommodation for the visitation, just even if that area If that building was, you know.

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You know, obviously restored and restored some activity was put there.

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I think that should be, um. Put in, be incorporated as a baseline, not the way it is now.

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And… Let's see here.

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So. I guess the yeah so i I'd like to see some methodology that either incorporates a historical baseline based on activity prior to the pier closure.

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And his Lordship's closure. And also assuming and and here's assuming So that's one thing for a baseline for anything that's being considered.

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Second of all. I'd like to see in the alternatives that are examined that that also be examined in terms of some type of baseline. I'm not exactly sure the methodology here but Aaron Dean mentioned having an alternative as a peer with no ferry.

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To understand what to incorporate any sort of changes changes there.

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As well, in consideration of a proper baseline. And…

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And then finally, I don't think anybody's mentioned it there either, but along that route as well.

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Is a habitat, a halibut fishery. Halibut habitat and halibut fishery.

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Very popular, also very seasonal. And so timeline of environmental impact report is very important.

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That halibut fishery varies, but it's roughly from March to September or July.

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July, September. I would like to see an impact on the halibut fishery itself because there's people that fish kind of near where we call the ruins are Now, which would be in the pathway of the ferry.

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But so again, impact on the halibut fishery. And I think there should be a lot of resources available on that because it's a very popular fishery Berkeley is one of the number one sports where sports fishermen come and go out on the sports fishing boats to get to the halibut. And sometimes they don't even go out that far. They just go out to

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You know, somewhere out there between here and San Francisco. To get the halibut So.

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Yeah, I'll stop there. Thank you.

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Thank you. Okay, I see Gordon Stout's hand up.

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I think we're…

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Okay, pressing pressing the unmute button for gordon. Sometimes they have to look at their, oh, Gordon's looking at his screen. There you go. Okay.

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Yeah, sorry. Sorry. Yeah, a…

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Few things at uh from the effects of parking on the marina agenda that I have here.

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The marina currently is used by low-income patrons This was found out in the Kittleson study, for whom paid parking would be very problematic.

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Can you make parking management work without paid parking? Paid parking is one of the main tools that people use when they're trying to get people to park here and not there.

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But can you get it to work without that? Because it definitely has a negative impact in terms of the people who use the marina.

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And who need to be using it.

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Okay.

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If the

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Parking in a distant parking lot is used for recreational people.

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Families with small children. Can you answer the question of what a Family does when they have to park way over yonder and they've got small kids in their van And they've got car seats that they need to use.

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And they have to get back to Adventure Playground because this is where I sail in the South Basin. I see these people all the time.

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Going to a venture playground with, you know, with their family and They're not mobile.

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They have a hard time getting around. That parking lot the south South Cove parking lot, the one that isn't paved.

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Is full, mostly full by 10 in the morning, every morning.

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With… fishing charter boat customers and ferry customers.

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And it's a problem. And in relation to that.

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We did ask at uh

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To have Genentech who run a ferry out of there to maybe get there ferry riders to park somewhere else.

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Did that happen? I guess I'd ask the… I'd like to see this in the EIR. Was it done?

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Did the city try to get Genentech to do the right thing because the city has an obligation to not have Ferry parker parking drive out recreational parking.

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What did that happen? I'd like to know. And if it didn't happen, what can we get to make it happen?

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There is talk in the presentation about using dynamic management.

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It only works if you have somebody within the city who is an advocate for recreational parking.

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And if there isn't that, there's a lot of this stuff isn't going to work.

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We need that.

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My number one item is that the parking study that was done, this is repeating what other people have said, the parking studies that were done, I've looked at them pretty closely.

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They were not adequate. They were not adequate to base the design of a future marina on.

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And that just has to be fixed. There's no point going on and writing an ERR and starting to build hardware.

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Until you know what you're looking at and why you're doing what you're doing.

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So I think we need to do that. We do know from personal experience and from parking counts that we have done and from some of the stuff that from the Kittleson study that there isn't enough parking down there without a ferry.

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So we're pretty darn sure that when a ferry comes in.

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It's going to be way worse. Even if most of the ferry parking is well behaved. It's going to be worse. And we can't make it worse.

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That we can't afford that. That's a disaster. Okay, that's it for me, friend.

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Thank you.

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Thank you. Okay, I see Aaron next.

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Yeah, I want to repeat the request made that the historical baseline should be based on usage prior to the peer closure.

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And prior to the closure of the Lordship's parking lot. Otherwise, I think it's actually just… I don't know how to say this. It's actually not accurate data.

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Because the pier was extremely popular. And you had many people coming down and parking down there. And these were often low income people who were actually providing food for their table.

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For their families and it's like, because if the baseline is is based on what's current day. It's as they don't exist. We cannot ignore them.

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And we can't not ignore their needs for access. And also if his lordships has been parking lot has been closed for a very long time And that has an impact on the number of people who have actually been coming down there.

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So I just I don't see how we can in good conscience say that the baseline will be based on something that is so recent when we need to look In the past when we had many more people coming down there and using the area.

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And I wanted to make a comment that I'm also very concerned about the parking study.

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And the reason is when you look at the Kittleson parking study.

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The data that's reported is from 10 a.m. And 8 p.m.

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And then the highest number of usage at one of those two timeframes was actually indicated to be quite the max, but it's not actually the maximum usage.

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So I might actually say something like particular area had something like, I don't know, 43% occupancy.

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But that was based on 10 a.m. Or 8 p.m. But if you looked at other time.

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Time periods and they have there's a very limited data, a set of data, I think just 11 days. It might have actually been 76%.

01:12:40.000 --> 01:12:48.000

So it's quite, I personally find the day to be very misleading the way it's presented. And so I just want to draw your attention to that.

01:12:48.000 --> 01:12:58.000

The parking study in Kittleson may not actually completely capture the maximum amount of use on certain times of the day.

01:12:58.000 --> 01:13:06.000

And I've actually been in communication with But I try to read meta studies on the environment and ones I'm going to send.

01:13:06.000 --> 01:13:33.000

Is on the soundscape of the Anthropocene ocean, and it is a metastudy that's looking at how EIRs like this do not actually do an adequate, traditionally have not done an adequate job of evaluated the impact of anthropogenic noise on the environment. And there's also another one, light pollution is a driver of insect declines. And so this is all quite recent data around the impact that we're having on our biological resources.

01:13:33.000 --> 01:13:42.000

And yet again, we cannot just limit it to that really small outline that was proposed earlier.

01:13:42.000 --> 01:13:47.000

Thank you. Martin Nicholas.

01:13:47.000 --> 01:13:55.000

Just a small point that Jack Morello prodded my memory. You know, beyond the fishing pier that's closed off.

01:13:55.000 --> 01:14:06.000

There's segments of the former pier from the early 1900 that are just a bunch of pilings that extend, I believe, three miles out into the bay.

01:14:06.000 --> 01:14:15.000

Are you going in your EIR to consider the impact of that dead portion of the pier?

01:14:15.000 --> 01:14:39.000

On navigation and on bird habitation and on all the other occupants and users of the bay certainly from the navigation standpoint, there's not one vessel that doesn't have something to say about the dead portions of the pier. It's a major obstruction to navigation out there.

01:14:39.000 --> 01:14:52.000

And I wonder if your impact report is going to consider that portion of the pier that no longer has a board on it and it's just a set of pilings that go way out.

01:14:52.000 --> 01:14:54.000

Thank you.

01:14:54.000 --> 01:15:04.000

Thank you. And then I wrote your name down because I know that you Is it Susan.

01:15:04.000 --> 01:15:05.000

Yes. Go ahead, Susan.

01:15:05.000 --> 01:15:16.000

Susan Sports. Yes. I… realized that I perhaps did not use the magic word and other people's are not Using the magic word.

01:15:16.000 --> 01:15:43.000

And I'd like, first of all, in my major point. The EIR scope must fully consider the possible risks of tsunami and earthquake on a peninsula of unconsolidated fill jutting a half mile into the bay with only one access entrance.

01:15:43.000 --> 01:16:12.000

Many other people like phrased their comments as phrase what should be done not the scope must consider. So I would like all of you here to assure everyone who's been speaking that you will interpret their remarks as meaning that everything they are citing should be part of the scope.

01:16:12.000 --> 01:16:17.000

It's a question.

01:16:17.000 --> 01:16:26.000

Well, we certainly will. What I can say is that we're taking all of the comments received here and we're considering all of them as we're preparing the environmental document.

01:16:26.000 --> 01:16:34.000

That's not an answer. Will you consider them as being indications of what should be included in the scope?

01:16:34.000 --> 01:16:36.000

I've been to these hearings before. It's a strict requirement if you choose to take it that way.

01:16:36.000 --> 01:16:47.000

Susan, this is a scoping meeting and so all these comments are being treated as scoping comments

01:16:47.000 --> 01:16:53.000

Meaning they should be included in the scope.

01:16:53.000 --> 01:16:54.000

That's not, but that's the problem. That's what I'm asking you.

01:16:54.000 --> 01:16:57.000

That that is the comment that is being provided, yes.

01:16:57.000 --> 01:17:01.000

The comments frequently don't say this should be in the scope. I did not do it.

01:17:01.000 --> 01:17:02.000

To clarify, Susan

01:17:02.000 --> 01:17:09.000

The first time. Very few people are saying this, but that is what they need to be taken as

01:17:09.000 --> 01:17:17.000

So they will be taken as comments that you are telling us. This is what you think should be included in the scope.

01:17:17.000 --> 01:17:26.000

The reason why I'm trying to clarify my language here is because someone saying that it should be included in the EAR does not mean that it will be.

01:17:26.000 --> 01:17:35.000

Because there's all sorts of law out there about what is and is not studied in the EIR and some comments are not part of what an EIR studies.

01:17:35.000 --> 01:17:36.000

I understand that.

01:17:36.000 --> 01:17:46.000

That said we will not ignore a comment because someone didn't use the phrase scoping when they gave us the comment.

01:17:46.000 --> 01:17:53.000

Thank you.

01:17:53.000 --> 01:17:54.000

I'm not… Oh. Go ahead.

01:17:54.000 --> 01:17:59.000

I've been waiting to have a question. Okay, it's a real simple one.

01:17:59.000 --> 01:18:07.000

On your scoping list, there's something called public services. What is that?

01:18:07.000 --> 01:18:13.000

That's stuff like that. Police protection.

01:18:13.000 --> 01:18:18.000

Buyer protection schools public facilities.

01:18:18.000 --> 01:18:20.000

Public service facilities, things like that.

01:18:20.000 --> 01:18:31.000

Okay. And then the other question I do have about the comments that are being offered tonight and you've received other comments at other meetings and you will be receiving comments.

01:18:31.000 --> 01:18:46.000

How public will those comments be made and will the actual commenter receive an answer to their comments Or do they have to go to the document and find that they've been addressed.

01:18:46.000 --> 01:19:04.000

Yeah, I can just give a give a quick overview of what the plan is. So we will receive all comments and what we will do is we will include essentially a table in the EIR that indicates where in the environmental impact report that comment has been considered.

01:19:04.000 --> 01:19:15.000

Essentially, once we publish that environmental impact report, that will be where individuals will be able to kind of see how their scoping comments were addressed.

01:19:15.000 --> 01:19:29.000

Okay. And then I just want to add something that Susan brought up about the one road one way into and out of the marina. Last weekend, I attended the Wonderful Bay Festival.

01:19:29.000 --> 01:19:44.000

On University Avenue, once I got past the freeway, it took me 25 minutes The traffic was horrible. It took me 25 minutes to reach what would have been the peer?

01:19:44.000 --> 01:19:51.000

Don't tell me how long it took me to get to his Lordship's parking But that was something else.

01:19:51.000 --> 01:20:02.000

So that's sort of a limitation when one sees the the lack of, well, what could happen with a tsunami when everyone's trying to rush out of there?

01:20:02.000 --> 01:20:08.000

That's all. Thank you. All the comments have been great, by the way.

01:20:08.000 --> 01:20:17.000

Thank you. So I am not seeing any other Hands up. I think we'll stay on.

01:20:17.000 --> 01:20:26.000

But we really appreciate everybody taking the time out of their day to To provide comments, we'll stay on to see if there's any other additional hands.

01:20:26.000 --> 01:20:31.000

Nice, I don't know if you want to say anything else, any concluding remarks.

01:20:31.000 --> 01:20:43.000

No, I think thanks everyone for taking time out of your evening to submit comments. Could you go back to the slide that has the email and mailing address? Let's go ahead and park that up there.

01:20:43.000 --> 01:20:48.000

So feel free to snap a photo of this or do a screen grab.

01:20:48.000 --> 01:21:14.000

We took, between all of us here, we took a lot of notes And we do have transcript. We do have a recording going so that we can check the transcript or check the meeting if we have any confusion about our notes, but we do really encourage you to write a written comment. That's the best way to be sure that we fully understand exactly what you're trying to communicate.

01:21:14.000 --> 01:21:21.000

Again, if you are unable to do that, that's fine. We will take all the comments that we receive verbally tonight will be part of the record.

01:21:21.000 --> 01:21:30.000

But we do encourage you to make a written comment just for clarity.

01:21:30.000 --> 01:21:31.000

We have one more from Kelly.

01:21:31.000 --> 01:21:39.000

And thanks everyone again for participating. I do see there's one hand One hand has been raised as we've been making our closing comments here so we can Take that comment and then conclude.

01:21:39.000 --> 01:21:53.000

Yes, I appreciate that you set this up. To allow the transcript, but I must say that I'm very disappointed that you did not allow attendance to save the transcript.

01:21:53.000 --> 01:22:09.000

So we made one step forward from what usually happens in the city, but I would certainly appreciate it that in any future Zoom meetings on the pier ferry that you allow the public to save the transcript.

01:22:09.000 --> 01:22:19.000

Thank you.

01:22:19.000 --> 01:22:26.000

Thank you. I hope everyone has a good rest of your evening. And this concludes this scoping meeting. Thank you very much.

01:22:26.000 --> 01:22:31.000

Thank you.

01:22:31.000 --> 01:22:37.000

Thank you.

01:22:37.000 --> 01:22:41.000

I'm going to close the uh i have to press the button here Okay, thank you.

01:22:41.000 --> 01:22:42.000

Thank you.

01:22:42.000 --> 01:22:44.000

Thank you.

01:22:44.000 --> 01:22:50.000

Okay, here we go. I'm going to go ahead. And the meeting now, thank you very much.

Appendix B

Air Quality and Greenhouse Gas Emissions Information

Assumptions and Calculations

Berkeley Water Transportation Pier Ferry Project
General Assumptions

CalEEMod Inputs that are not modeling defaults:

Project Location	County
	Alameda
Location	Seawall Drive and University Avenue
Climate Zone	5
Urbanization	Urban
Construction Year	2027
Operational Year (Buildout)	2028
Air District	BAAQMD
Air Basin	SFBAAB
Utility Company	

Construction Assumptions

Greenhouse Gas Pollutant Intensity Factors - 2028 Forecasted Factors

CO_2 (lb/MWh)	CH_4 (lb/MWh)	N_2O (lb/MWh)
203.983	0.033	0.004

Construction Data

Proposed Use	Units	Square Feet	Acres
Restrooms		140	0.003
Parking Lot	442	173,264	3.98
Repaved Roads[1]		400,000	9.18

Notes

[1] Based on Google Earth Estimates

Land Use[1]

Land Use	Subtype	Unit	Size	Acres	Total SF	Landscape
Recreational	Health Club	1000 sqft	0.140	0.003	140	-
Parking	Parking Lot	spaces	442	3.98	173,264	
Parking	Other Asphalt Area	1000 sqft	400.000	9.18	400,000	-
Total				**13.16**		

Notes

[1] Health Club used as a proxy for restrooms

Construction Assumptions

Pier and Water-Based Construction

Construction Activity[1]	Start Date	End Date	Work Days
Demolition	4/1/2027	4/1/2027	1
Dredging	4/1/2027	4/1/2027	1
Pile Installation	4/1/2027	4/1/2027	1
Deck, Float, Gangway Construction	4/1/2027	4/1/2027	1
Architectural Coating	4/1/2027	4/1/2027	1
Amenities	4/1/2027	4/1/2027	1

Notes

[1] Uses one workday as a multiplier for construction activity duration provided by applicant. See Construction Duration by Phase worksheet or Project Description

Construction Activity	Equipment	Quantity	Hours Per Day	Horsepower	Load Factor
Demolition	Concrete/Industrial Saws	2	8	74.3	
	Compressors	2	8	142	
	Crushing/Processing Equipment	2	8	540	
	Generators	4	8	12	
	Pumps	4	8	49	
	Skid Steer Loaders	2	8	74.3	
	Welders	2	8	400	
	Vibratory Hammer	1	8	765	
Dredging	Compressors	2	8	142	
	Generators	2	8	12	
	Pumps	2	8	49	
	Welders	1	8	400	
Pile Installation	Compressors	2	8	142	
	Generators	2	8	12	
	Pumps	2	8	49	
	Welders	1	8	400	
	Vibratory Hammer	1	8	765	
	Impact Hammer	1	8	75	
Deck, Float, Gangway Construction	Aerial Lifts	2	8	82	
	Concrete Truck	13 twice a month	8	500	
	Concrete/Industrial Saws	2	8	74.3	
	Cranes	1	8	290	
	Forklifts	1	8	164	
	Generators	2	8	12	
	Pumps	2	8	49	
	Rough Terrain Forklifts	1	8	114	
	Welders	1	8	400	
Architectural Coating	Compressors	2	8	142	
Amenities	Aerial Lifts	2	8	82	
	Compressors	2	8	142	
	Cranes	1	8	290	
	Forklifts	1	8	164	
	Generators	2	8	12	
	Pressure Washers	1	8	13	
	Rough Terrain Forklifts	1	8	114	
	Welders	2	8	400	

Berkeley Water Transportation Pier Ferry Project
General Assumptions

Land-Based Construction

Construction Activity[1]	Start Date	End Date	Work Days
Demolition	4/1/2027	4/1/2027	1
Site Preparation	4/1/2027	4/1/2027	1
Grading	4/1/2027	4/1/2027	1
Building Construction	4/1/2027	4/1/2027	1
Paving	4/1/2027	4/1/2027	1
Architectural Coating	4/1/2027	4/1/2027	1
Landscaping	4/1/2027	4/1/2027	1
Amenities	4/1/2027	4/1/2027	1

Notes

[1] Uses one workday as a multiplier for construction activity duration provided by applicant. See Construction Duration by Phase worksheet or Project Description

Construction Activity	Equipment	Quantity	Hours Per Day	Horsepower	Load Factor
Demolition	Backhoes	2	8	148	
	Compressors	2	8	142	
	Excavators	1	8	275	
	Generators	2	8	12	
	Loaders, Rubber Tired	1	8	249	
	Rough Terrain Forklifts	1	8	96	
	Signal Boards	3	8	30	
	Skid Steer Loaders	1	8	74.3	
	Sweepers/Scrubbers	1	8	74	
	Water Truck	2	8	300	
Site Preparation	Aerial Lifts	2	8	46	
	Backhoes	2	8	148	
	Compressors	2	8	142	
	Excavators	1	8	275	
	Generators	2	8	12	
	Loaders, Rubber Tired	1	8	249	
	Rough Terrain Forklifts	1	8	96	
	Signal Boards	3	8	30	
	Skid Steer Loaders	1	8	74.3	
	Sweepers/Scrubbers	1	8	74	
Grading	Backhoes	2	8	148	
	Compactors	2	8	405	
	Compressors	2	8	142	
	Dozers	1	8	130	
	Excavators	1	8	275	
	Generators	2	8	12	
	Graders	2	8	250	
	Loaders, Rubber Tired	1	8	249	
	Signal Boards	3	8	30	
	Skid Steer Loaders	1	8	74.3	
	Sweepers/Scrubbers	1	8	74	
	Water Truck	2	8	300	
Building Construction	Backhoes	2	8	148	
	Cranes	1	8	290	
	Generators	2	8	12	
	Rough Terrain Forklifts	1	8	96	
	Trenchers	1	8	76	
	Welders	1	8	46	
	Water Truck	1	8	300	
Paving	Concrete/Industrial Saws	1	8	74.3	
	Compactors	2	8	405	
	Compressors	2	8	142	
	Graders	1	8	250	
	Loaders, Rubber Tired	1	8	249	
	Pavers	2	8	230	
	Rollers	2	8	137	
	Signal Boards	3	8	30	
	Surfacing Equipment	2	8	350	
	Sweepers/Scrubbers	2	8	74	
	Water Truck	1	8	300	
Architectural Coating	Compressors	2	8	142	
Landscaping	Backhoes	2	8	148	
	Compressors	2	8	142	
	Cranes	1	8	290	
	Generators	2	8	12	
	Loaders, Rubber Tired	1	8	249	
	Rough Terrain Forklifts	1	8	96	
	Signal Boards	3	8	30	
	Skid Steer Loaders	1	8	74.3	
	Sweepers/Scrubbers	1	8	74	
	Water Truck	1	8	300	
Amenities	Aerial Lifts	2	8	46	
	Backhoes	1	8	148	
	Cement and Mortar Mixers	1	8	500	
	Concrete/Industrial Saws	1	8	74.3	
	Compactors	1	8	405	
	Compressors	2	8	142	
	Cranes	1	8	290	
	Generators	2	8	12	
	Pressure Washers	1	8	14	
	Rough Terrain Forklifts	1	8	96	
	Sweepers/Scrubbers	1	8	74	
	Welders	1	8	46	
	Water Truck	1	8	300	

Berkeley Water Transportation Pier Ferry Project
General Assumptions

Construction Offroad Equipment - Demolition and Soil Movement Volumes

Construction Activity[1]	Start Date	End Date	Work Days
University Avenue Demolition	4/1/2027	4/28/2027	20
Seawall Drive Demolition	4/1/2027	5/12/2027	30
Parking Lot Demolition	4/1/2027	5/12/2027	30
Bay Trail Demolition	4/1/2027	5/12/2027	30
Plaza Demolition	4/1/2027	4/14/2027	10
Pier Demolition	4/1/2027	6/9/2027	50
University Avenue Grading	4/1/2027	4/14/2027	10
Seawall Drive Grading	4/1/2027	4/20/2027	14
Parking Lot Grading	4/1/2027	4/20/2027	14
Bay Trail Grading	4/1/2027	4/20/2027	14
Plaza Grading	4/1/2027	4/21/2027	15
Pier Grading	4/1/2027	4/21/2027	15

Dust from Material Movement

Phase	Material Imported (CY)	Material Exported (CY)
University Avenue Soil Movement	300	300
Seawall Drive Soil Movement	600	200
Parking Lot Soil Movement	9,700	9,000
Bay Trail Soil Movement	600	500
Plaza and Pier Entrance Soil Movement	1,000	0
Pier and Breaker Water Soil Movement	0	0
Total	**12,200**	**10,000**

	Frequency	PM10 % Reduction	PM2.5 % Reduction
Water Exposed Area	2	61%	61%

Demolition

	Asphalt Demolition (CY)	Concrete Demolition (CY)	Timber Demolition (CY)	Total Amount (tons)[1]
University Avenue	1,300	400	0	1,190
Seawall Drive	400	0	0	280
Parking Lot	3,800	100	0	2,730
Bay Trail	500	10	0	357
Plaza and Pier Entrance	200	10	0	147
Pier and Breaker Water	0	5,000	2,220	3,500
Total				**8,204**

	Frequency	PM10 % Reduction	PM2.5 % Reduction
Water Demolished Area	2	36%	36%

Onroad Fugitive Dust

Control Strategy	PM2.5 % Reduction	PM10 % Reduction
Water Unpaved Roads Twice Daily	55%	55%
Limit Vehicle Speeds on Unpaved Roads to 25 mph	44%	44%
Sweep Paved Roads Once per Month	9%	9%

Architectural Coatings Uses CalEEMod Defaults

The modeling that was conducted was done before a change in the project that removed a small watercraft launch (45 days of construction) from the Project and added shoreline repair (15 days of construction) to the Project. The modeling presented in this Appendix is conservative because less days will result in less overall project related construction emissions and emissions are likely to be lower than what is presented here.

Berkeley Water Transportation Pier Ferry Project
General Assumptions

For Concrete/Timber Demo – Debris will be barged to Pier 96 in SF. Lat/Long: 37.74342, -122.3710. Then they will be trucked to a landfill.

For Dredging – 400,000 CY will be barged to Alcatraz Disposal Site or Montezuma Site.

Parking lot

	Description	CY	CY + 20%	CY Rounded
1	Import Fill/Crushed Rock	8,322	9,686	9,700
2	New Asphalt	959	1,151	1,200
3	New Concrete	314	376	400
4	Export Fill	7,434	8,921	9,000
5	Ashpalt Demo	3,111	3,733	3,800
6	Concrete Demo	35	43	100

Bay Trail

	Description	CY	CY + 20%	CY Rounded
1	Import Fill/Crushed Rock	486	583	600
2	New Asphalt	230	276	300
3	New Concrete	1	1	10
4	Export Fill	402	483	500
5	Ashpalt Demo	398	478	500
6	Concrete Demo	7	9	10

University Avenue

	Description	CY	CY + 20%	CY Rounded
1	Import Fill/Crushed Rock	187	225	300
2	New Asphalt	1,528	1,834	1,900
3	New Concrete	599	719	800
4	Export Fill	187	225	300
5	Ashpalt Demo	1,071	1,285	1,300
6	Concrete Demo	300	360	400

Seawall Drive

	Description	CY	CY + 20%	CY Rounded
1	Import Fill/Crushed Rock	494	593	600
2	New Asphalt	310	372	400
3	New Concrete	1	1	10
4	Export Fill	134	161	200
5	Ashpalt Demo	310	372	400
6	Concrete Demo	0	0	0

Plaza and Pier Entrance

	Description	CY	CY + 20%	CY Rounded
1	Import Fill/Crushed Rock	803	964	1,000
2	New Asphalt	107	128	200
3	New Concrete	100	121	200
4	Export Fill	0	0	0
5	Ashpalt Demo	117	140	200
6	Concrete Demo	6	7	10

Pier and Breaker Water

	Description	CY	CY + 20%	CY Rounded
1	New Concrete	1,930	2,316	2,400
2	New Concrete Piles	1,934	2,321	2,400
3	Concrete Demo (Lower boundary)	1,562	1,875	1,900
3.1	Concrete Demo (Upper boyndary)	2,508	3,010	3,100
4	Timber Demo (lower boundary)	684	820	900
4.1	Timber Demo (upper boundary)	1,098	1,317	1,320

Total Quantities

	Description	CY	CY + 20%	CY Rounded
1	Import Fill/Crushed Rock	10,193	12,232	15,500
2	New Asphalt	3,134	3,760	4,000
3	New Concrete	4,880	5,856	6,000
4	Export Fill	8,157	9,789	10,000
5	Asphalt Demo	3,632	4,358	4,500
6	Concrete Demo (Lower boundary)	1,562	1,875	2,000
6.1	Concrete Demo (Upper boyndary)	2,508	3,010	3,000
7	Timber Demo (lower boundary)	684	820	1,000
7.1	Timber Demo (upper boundary)	1,908	1,317	1,500

Berkeley Water Transportation Pier Ferry Project
General Assumptions

Pavement Volume to Weight Conversion

Component	Asphalt Demolition Volume	Concrete Demolition Volume	Timber Demolition Volume	Weight of Crushed Concrete and Asphalt (tons/cubic yard)	Weight of Wood Debris (tons/cubic yard)	Tons of Demolished Material
University Avenue	1,300	400	0	0.7	0.0845	1,190
Seawall Drive	400	0	0	0.7	0.0845	280
Parking Lot	3,800	100	0	0.7	0.0845	2,730
Bay Trail	500	10	0	0.7	0.0845	357
Plaza and Pier Entrance	200	10	0	0.7	0.0845	147
Pier and Breaker Water	0	5,000	2,220	0.7	0.0845	3,500
Total	6,200	5,520	2,220			8,204

Notes

[1] County of Contra Costa. Volume to Weight Conversion Table for Construction and Demolition Debris. https://www.contracosta.ca.gov/DocumentCenter/View/49316/Volume-to-Weight-Conversion-Table?bidId=

[2] April 2022. CAPCOA. CalEEMod User Guide Version 2022.1. https://www.caleemod.com/documents/user-guide/CalEEMod_User_Guide_v2022.1.pdf

Berkeley Water Transportation Pier Ferry Project
General Assumptions

CalEEMod Inputs that are not modeling defaults:

Project Location	County
	Alameda
Location	Seawall Drive and University Avenue
Climate Zone	5
Urbanization	Urban
Construction Year	2027
Operational Year (Buildout)	2028
Air District	BAAQMD
Air Basin	SFBAAB
Utility Company	

Construction Assumptions

Greenhouse Gas Pollutant Intensity Factors - 2028 Forecasted Factors

CO_2 (lb/MWh)	CH_4 (lb/MWh)	N_2O (lb/MWh)
203.983	0.033	0.004

Construction Data

Proposed Use	Units	Square Feet	Acres
Restrooms		140	0.003
Parking Lot	442	173,264	3.98
Repaved Roads[1]		400,000	9.18

Notes

[1] Based on Google Earth Estimates

Land Use[1]

Land Use	Subtype	Unit	Size	Acres	Total SF	Landscape
Recreational	Health Club	1000 sqft	0.140	0.003	140	-
Parking	Parking Lot	spaces	442	3.98	173,264	
Parking	Other Asphalt Area	1000 sqft	400.000	9.18	400,000	-
Total				**13.16**		

Notes

[1] Health Club used as a proxy for restrooms

Operational Assumptions

Trips and VMT

Mobile Sources

Vehicle Trips:

1,127 Project Tirps
8 Miles per project trip
25 miles per Existing Trip

Source: Kittleson December 2025

Vehicle Emissions: Uses CalEEMod Defaults

Vehicle Fleet Mix: Uses CalEEMod Defaults

Road Dust: Uses CalEEMod Defaults

Area Sources

Hearths: No wood burning devices, assumes all CalEEMod default gas fireplaces are electric

Consumer Products: N/A

Architectural Coating: Uses CalEEMod Defaults

Landscape Equipment: Uses CalEEMod Defaults

Energy Use All Electric Development

CalEEMod Default Energy

	Total Annual Consumption		Subject to Title 24 Standards		Not Subject to Title 24	
Natural Gas Consumption	Electricity (kWh/year)	Natural Gas (kBTU/year)	Electricity (kWh/year)	Natural Gas (kBTU/year)	Electricity (kWh/year)	Natural Gas (kBTU/year)
Health Club	1,527	6,130	675	2,592	852	3,538
Parking Lot	151,795	0	151,795	0	0	0

Natural Gas Conversion to Electricity

Natural Gas Consumption	Total Estimated Natural Gas Usage (kBTU)	Equivalent Electricity Usage (MWh)[1]	Equivalent Electricity Usage (kWh)	CalEEMod Default Electricity (kWh)	Total Electricity Consumption (kWh/Year)
Subject to T24	2,592	0.76	759.73	675.29	1,435.02
Not Subject to T24	3,538	1.04	1,037.01	852.13	1,889.14

Notes

[1] 1 MWh = 3414.42595 kBTU

Berkeley Water Transportation Pier Ferry Project
General Assumptions

Electric Ferry Energy Consumption

Maximum Net Electrical Demand (MW)[1]	Secondary Service Electricity Demand (MW)	Total Electricity Usage (kW)	Hours of Operation Per Day	Days of Operation Per Year	Total Electricity Demand (kWh)
4	0.4	4,400.00	12	365	**19,272,000**

Notes

[1] Assumes maximum power capacity of 4 MW based on E-Ferry prototype

Cordis. 2020. E-ferry – prototype and full-scale demonstration of next generation 100% electrically powered ferry for passengers and vehicles. https://cordis.europa.eu/project/id/636027

	Total Annual Consumption		Subject to Title 24 Standards		Not Subject to Title 24	
Natural Gas Consumption	Electricity (kWh/year)	Natural Gas (kBTU/year)	Electricity (kWh/year)	Natural Gas (kBTU/year)	Electricity (kWh/year)	Natural Gas (kBTU/year)
Health Club	19,276,852	0	19,274,110	0	2,741	0
Parking Lot	151,795	0	151,795	0	0	0
	19,428,646					

Water/Wastewater

Water: Uses CalEEMod Defaults

Wastewater: Uses CalEEMod Defaults

Solid Waste Uses CalEEMod Defaults

Off-Road Equiment

Stationary Sources

Vegetation

Berkeley Water Transportation Pier Ferry Project
General Assumptions

Fleet Mix Adjustment

Trips 1080

	HHD%	LDA%	LDT1%	LDT2%	LHD1%	LHD2%	MCY%	MDV%	MH%	MHD%	OBUS%	SBUS%	UBUS%	Total
Default Fleet Mix	1.405416522	51.92217231	3.944555297	22.90968746	2.46694386	0.603951607	2.241620794	12.64783889	0.2040694	1.439694036	0.078256102	0.046241301	0.089551799	100%
Trips	15	561	43	247	27	7	24	137	2	16	1	0	1	1080

	HHD%	LDA%	LDT1%	LDT2%	LHD1%	LHD2%	MCY%	MDV%	MH%	MHD%	OBUS%	SBUS%	UBUS%	Total
Fleet Mix Without Medium and Heavy Duty Vehicles (Excluding Buses) [1]	0	51.92217231	3.944555297	22.90968746	0	0	2.241620794	0	0	0	0.078256102	0.046241301	0.089551799	81%
Fleet Mix Percentage of Adjusted Total	**0**	**63.91830552**	**4.855907976**	**28.20275688**	**0**	**0**	**2.759526352**	**0**	**0**	**0**	**0.096336444**	**0.056924922**	**0.110241907**	**100%**
Trips	0	690	52	305	0	0	30	0	0	0	1	1	1	1080

Notes

1 Assumes that fleet mix will be mainly passenger vehicles and buses

Air Quality — Option 1

Construction Emissions - Tons/Year (Unmitigated) 312 days per year (6 days per week)

	Emissions (lb/year)					
	ROG	NOx	CO	SO_2	PM10T	PM2.5T
2027	934	19,846	4,194	1	356	451
2028	934	19,846	4,194	1	356	451
	Emissions (tons/year)					
2027	0	10	2	0.001	0.178	0.226
2028	0	10	2	0.001	0.178	0.226
Maximum Emissions	**0**	**10**	**2**	**0.001**	**0.178**	**0.226**
Conformity Analysis Threshold (tons/year)	**50**	**50**	**100**	**100**	**100**	**100**
Threshold Exceeded?	No	No	No	No	No	No

Air Quality — Option 2

Construction Emissions - Tons/Year (Unmitigated)

	Emissions (lb/year)					
	ROG	NOx	CO	SO_2	PM10T	PM2.5T
2027	934	19,846	4,194	1	356	4
2028	934	19,846	4,194	1	356	4
	Emissions (tons/year)					
2027	0	10	2	0.001	0.178	0.002
2028	0	10	2	0.001	0.178	0.002
Maximum Emissions	**0**	**10**	**2**	**0.001**	**0.178**	**0.002**
Conformity Analysis Threshold (tons/year)	**50**	**50**	**100**	**100**	**100**	**100**
Threshold Exceeded?	No	No	No	No	No	No

Air Quality

Construction Emissions - Average Daily (Unmitigated)

	Average Daily Emissions (lb/day)					
	ROG	NOx	CO	SO_2	PM10E	PM2.5E
2027	934	19,846	4,194	1	356	342
2028	934	19,846	4,194	1	356	342
Maximum Emissions	**934**	**19,846**	**4,194**	**1**	**356**	**342**
BAAQMD Construction Average Daily Threshold (lb/day)	**54**	**54**	**N/A**	**N/A**	**82**	**54**
Threshold Exceeded?	Yes	Yes	No	No	Yes	Yes

Construction Emissions - Average Daily (Mitigated)

	Average Daily Emissions (lb/day)					
	ROG	NOx	CO	SO_2	PM10E	PM2.5E
2027	580	270	320	0	120	115
2028	3	33	32	0	120	115
BAAQMD Construction Average Daily Threshold (lb/day)	**54**	**54**	**N/A**	**N/A**	**82**	**54**
Threshold Exceeded?	Yes	Yes	No	No	Yes	Yes

Unmitigated

				ROG	NOx	CO	SO_2	PM10E	PM10D	PM10T	PM2.5E	PM2.5E	PM2.5E
2027	Water	1	Demolition	620.1664	1152.2207	319.6673	0.2500	21.8283	0.0000	21.8283	20.9752	0.0000	20.9752
		2	Dredge	140.8089	3200.3598	728.5635	0.4150	62.2766	0.0000	62.2766	59.8021	0.0000	59.8021
		2	Pile Installation	55.7289	1266.6105	271.8326	0.2950	22.8518	0.0000	22.8518	21.9496	0.0000	21.9496
		3	Deck Construction	926.9537	19845.4056	4192.9937	1.3000	356.3106	0.0000	356.3106	342.1102	0.0000	342.1102
	Landside	1	Demolition	1.0803	35.2450	18.6807	0.1842	0.6509	6.7219	7.3728	0.4763	1.8417	2.3180
		1	Site Preparation	0.2953	2.3859	3.2846	0.0062	0.0757	0.0000	0.0757	0.0696	0.0000	0.0696
		1	Grading	1.3565	35.1801	18.6830	0.1739	0.7224	6.5105	7.2329	0.5524	1.8494	2.4019
		3	BuildingConstruction	6.7289	0.8929	1.1975	0.0023	0.0305	0.0000	0.0305	0.0281	0.0000	0.0281
		2	Asphalt Paving	8.6549	12.1544	13.0842	0.0332	0.4280	0.0000	0.4280	0.3937	0.0000	0.3937
	2027 Totals	1		622.8985	1225.0317	360.3157	0.6143	23.2772	13.2324	36.5096	22.0735	3.6911	25.7646
		2		205.1927	4479.1247	1013.4802	0.7432	85.5564	0.0000	85.5564	82.1454	0.0000	82.1454
		3		933.6826	19846.2985	4194.1912	1.3023	356.3411	0.0000	356.3411	342.1383	0.0000	342.1383
		Max		**933.6826**	**19846.2985**	**4194.1912**	**1.3023**	**356.3411**	**13.2324**	**356.3411**	**342.1383**	**3.6911**	**342.1383**
2028	Water	3	Deck Construction	926.9537	19845.4056	4192.9937	1.3000	356.3106	0.0000	356.3106	342.1102	0.0000	342.1102
		4	Amenities	1.1500	12.6500	16.1000	0.5750	0.5750	0.0000	66.1250	0.5750	0.0000	0.5750
	Landside	3	Building Construction	6.7289	0.8929	1.1975	0.0023	0.0305	0.0000	0.0305	0.0281	0.0000	0.0281
		4	Landsaping	0.5923	4.2795	5.4866	0.0131	0.1477	0.0000	0.1477	0.1359	0.0000	0.1359
		4	Amenities	1.2497	9.5345	9.4762	0.0223	0.3443	0.0000	0.3443	0.3168	0.0000	0.3168
	2028 Totals	3		933.6826	19846.2985	4194.1912	1.3023	356.3411	0.0000	356.3411	342.1383	0.0000	342.1383
		4		2.9920	26.4640	31.0629	0.6104	1.0670	0.0000	66.6170	1.0276	0.0000	1.0276
		Max		**933.6826**	**19846.2985**	**4194.1912**	**1.3023**	**356.3411**	**0.0000**	**356.3411**	**342.1383**	**0.0000**	**342.1383**

Air Quality

Construction Emissions - Average Daily (Unmitigated)

	Average Daily Emissions (lb/year)					
	ROG	NOx	CO	SO_2	PM10E	PM2.5E
2027	934	19,846	4,194	1	356	342
2028	934	19,846	4,194	1	356	342
Maximum Emissions	**934**	**19,846**	**4,194**	**1**	**356**	**342**

Unmitigated

				ROG	NOx	CO	SO_2	PM10E	PM10D	PM10T	PM2.5E	PM2.5E	PM2.5E
2027	Water	1	Demolition	620.1664	1152.2207	319.6673	0.2500	21.8283	0.0000	21.8283	20.9752	0.0000	20.9752
		2	Dredge	140.8089	3200.3598	728.5635	0.4150	62.2766	0.0000	62.2766	59.8021	0.0000	59.8021
		3	Pile Installation	55.7289	1266.6105	271.8326	0.2950	22.8518	0.0000	22.8518	21.9496	0.0000	21.9496
		4	Deck Construction	926.9537	19845.4056	4192.9937	1.3000	356.3106	0.0000	356.3106	342.1102	0.0000	342.1102
	Landside	1	Demolition	1.0803	35.2450	18.6807	0.1842	0.6509	6.7219	7.3728	0.4763	1.8417	2.3180
		1	Site Preparation	0.2953	2.3859	3.2846	0.0062	0.0757	0.0000	0.0757	0.0696	0.0000	0.0696
		2	Grading	1.3565	35.1801	18.6830	0.1739	0.7224	6.5105	7.2329	0.5524	1.8494	2.4019
		4	BuildingConstruction	6.7289	0.8929	1.1975	0.0023	0.0305	0.0000	0.0305	0.0281	0.0000	0.0281
		3	Asphalt Paving	8.6549	12.1544	13.0842	0.0332	0.4280	0.0000	0.4280	0.3937	0.0000	0.3937
	2027 Totals	1		621.5419	1189.8515	341.6327	0.4404	22.5548	6.7219	29.2767	21.5211	1.8417	23.3627
		2		142.1655	3235.5399	747.2465	0.5889	62.9990	6.5105	69.5095	60.3546	1.8494	62.2040
		3		64.3838	1278.7650	284.9167	0.3282	23.2798	0.0000	23.2798	22.3433	0.0000	22.3433
		4		933.6826	19846.2985	4194.1912	1.3023	356.3411	0.0000	356.3411	342.1383	0.0000	342.1383
		Max		**933.6826**	**19846.2985**	**4194.1912**	**1.3023**	**356.3411**	**6.7219**	**356.3411**	**342.1383**	**1.8494**	**342.1383**
2028	Water	4	Deck Construction	926.9537	19845.4056	4192.9937	1.3000	356.3106	0.0000	356.3106	342.1102	0.0000	342.1102
		5	Amenities	1.1500	12.6500	16.1000	0.5750	0.5750	0.0000	66.1250	0.5750	0.0000	0.5750
	Landside	4	Building Construction	6.7289	0.8929	1.1975	0.0023	0.0305	0.0000	0.0305	0.0281	0.0000	0.0281
		5	Landsaping	0.5923	4.2795	5.4866	0.0131	0.1477	0.0000	0.1477	0.1359	0.0000	0.1359
		5	Amenities	1.2497	9.5345	9.4762	0.0223	0.3443	0.0000	0.3443	0.3168	0.0000	0.3168
	2028 Totals	4		933.6826	19846.2985	4194.1912	1.3023	356.3411	0.0000	356.3411	342.1383	0.0000	342.1383
		5		2.9920	26.4640	31.0629	0.6104	1.0670	0.0000	66.6170	1.0276	0.0000	1.0276
		Max		**933.6826**	**19846.2985**	**4194.1912**	**1.3023**	**356.3411**	**0.0000**	**356.3411**	**342.1383**	**0.0000**	**342.1383**

				ROG	NOx	CO	SO_2	PM10E	PM10D	PM10T	PM2.5E	PM2.5E	PM2.5E
2027	Water	1	Demolition	580	269	319	0	7	0	7	7	0	7
		2	Dredge	1	9	9	0	20	0	20	19	0	19
		3	Pile Installation	0	5	5	0	8	0	8	8	0	8
		4	Deck Construction	2	33	32	0	120	0	120	115	0	115
	Landside	1	Demolition	0	1	0	0	1	7	7	0	2	2
		1	Site Preparation	0	0	0	0	0	0	0	0	0	0
		2	Grading	0	1	0	0	1	7	7	0	2	2
		4	BuildingConstruction	0	0	0	0	0	0	0	0	0	0
		3	Asphalt Paving	0	0	0	0	0	0	0	0	0	0
	2027 Totals	1		579.9625	269.3364	319.0902	0.2529	8.1116	6.7219	14.8335	7.4123	1.8417	9.2540
		2		0.5183	9.4050	9.1979	0.0088	20.2743	6.5105	26.7848	19.3494	1.8494	21.1988
		3		0.3511	4.8247	4.8136	0.0052	7.9309	0.0000	7.9309	7.6243	0.0000	7.6243
		4		2.6575	33.1684	32.3226	0.0051	119.6505	0.0000	119.6505	114.9162	0.0000	114.9162
		Max		**579.9625**	**269.3364**	**319.0902**	**0.2529**	**119.6505**	**6.7219**	**119.6505**	**114.9162**	**1.8494**	**114.9162**
2028	Water	4	Deck Construction	2	33	32	0	120	0	120	115	0	115
		5	Amenities	0	0	0	0	1	0	1	1	0	1
	Landside	4	Building Construction	0	0	0	0	0	0	0	0	0	0
		5	Landsaping	0	0	0	0	0	0	0	0	0	0
		5	Amenities	0	0	0	0	0	0	0	0	0	0
	2028 Totals	4		2.6575	33.1684	32.3226	0.0051	119.6505	0.0000	119.6505	114.9162	0.0000	114.9162
		5		0.0148	0.2613	0.4381	0.0054	0.7304	0.0000	0.7304	0.7213	0.0000	0.7213
		Max		**2.6575**	**33.1684**	**32.3226**	**0.0054**	**119.6505**	**0.0000**	**119.6505**	**114.9162**	**0.0000**	**114.9162**

	Option 1 Option 1 is intended to be an upper bound on the estimated maximum emissions in a given phase. It overlaps dredging, pile installation, utilities, and paving into the same phase.	Option 2 This options is a more likely construction schedule	Option 3 This option is intended to give the maximum duration of the expected construction schedule.
In-Water			
Demolition	1	1	1
Dredge	2	2	2
Pile Installation	2	3	3
Deck Construction	3	4	4
Amenities	4	5	5
Landside			
Demolition	1	1	6
Site Preparation	1	1	7
Grading	1	2	8
Building Construction	3	4	9
Utilities	2	2	10
Asphalt Paving and Plaza Pavers	2	3	11
Landscaping	4	5	12
Amenities	4	5	13

On-Land Construction

Construction Phase:	Phase 1: Working Days (University)	Phase 2 Working Days (Seawall Drive, Parking Lot)	Phase 3 Working Days (Plaza)	Phase 4 Working Days (Small Craft Launch)
Overall Construction Schedule (start and completion date for entire phase)	120	193	130	45
Demolition	20	30	10	5
Site Preparation	10	14	5	5
Grading	10	14	15	5
Restroom Construction	0	15	0	0
Utilities	40	60	10	0
Asphalt Paving, curbs, and Plaza Pavers	20	30	20	5
Deep Soil Mixing	0	0	15	0
Retaining Wall	0	0	15	15
Landscaping	10	15	15	5
Amenities (Benches, Signs, Lights, Handrails, Fish Station, Architectural sculpture or signs, Bus Stop etc.)	10	15	25	5

In-Water Construction

Construction Phase:	Phase 3 Work Days (Pier, Breakwater, Float)	Duration Phase 5 (Second Float)
Overall Construction Schedule (start and completion date for entire phase)	397	270
Float Construction	230	230
Demolition	50	0
Dredge	83	0
Pile Installation	49	10
Deck Construction	120	10
Amenities (Electrical, Utilities, Canopy, Gangway, Float, Gates, Handrails, etc.)	95	20
Other (e.g., Groundwater Dewatering):	0	0

Option 2

	TOG	ROG	NOx	CO	SO_2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T
Demo Water	570.00	620.17	1,152.22	319.67	0.25	21.83	0.00	21.83	20.98	0.00	20.98
Demo Land	2.58	1.08	35.24	18.68	0.18	0.65	6.72	7.37	0.48	1.84	2.32
Site Prep Land	0.35	0.30	2.39	3.28	0.01	0.08	0.00	0.08	0.07	0.00	0.07
Dredge Water	0.83	140.81	3,200.36	728.56	0.42	62.28	0.00	62.28	59.80	0.00	59.80
Grading Land	2.80	1.36	35.18	18.68	0.17	0.72	6.51	7.23	0.55	1.85	2.40
Utilities Land											0.00
Pile Installation Water	0.59	55.73	1,266.61	271.83	0.30	22.85	0.00	22.85	21.95	0.00	21.95
Asphalt Paving Land	8.98	8.65	12.15	13.08	0.03	0.43	0.00	0.43	0.39	0.00	0.39
Deck Construction Water	59.15	926.95	19,845.41	4,192.99	1.30	356.31	0.00	356.31	342.11	0.00	342.11
Building construction Land	6.75	6.73	0.89	1.20	0.00	0.03	0.00	0.03	0.03	0.00	0.03
Amenities Water	2.30	1.15	12.65	16.10	0.58	0.58	0.00	66.13	0.58	0.00	0.58
Landscaping Land	0.71	0.59	4.28	5.49	0.01	0.15	0.00	0.15	0.14	0.00	0.14
Amenities Land	1.51	1.25	9.53	9.48	0.02	0.34	0.00	0.34	0.32	0.00	0.32
Total	**657**	**1,765**	**25,577**	**5,599**	**3**	**466**	**13**	**545**	**447**	**4**	**451**
BAAQMD Construction Average Daily Threshold (lb/day)		**54**	**54**	**N/A**	**N/A**	**82**	**N/A**	**N/A**	**54**		

Option 2 - Mitigated

	TOG	ROG	NOx	CO	SO_2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T
Demo Water	565.00	579.95	268.71	318.67	0.25	7.50	0.00	7.50	6.97	0.00	6.97
Demo Land	0.03	0.01	0.55	0.31	0.00	0.57	6.72	7.29	0.40	1.84	2.24
Site Prep Land	0.00	0.00	0.08	0.11	0.00	0.05	0.00	0.05	0.04	0.00	0.04
Dredge Water	0.01	0.50	8.66	8.75	0.01	19.76	0.00	19.76	18.99	0.00	18.99
Grading Land	0.04	0.01	0.75	0.45	0.00	0.51	6.51	7.02	0.36	1.85	2.21
Utilities Land											
Pile Installation Water	0.01	0.25	4.71	4.61	0.01	7.81	0.00	7.81	7.51	0.00	7.51
Asphalt Paving Land	0.10	0.10	0.12	0.21	0.00	0.12	0.00	0.12	0.11	0.00	0.11
								0.00			
Deck Construction Water	0.45	2.21	33.11	32.23	0.01	119.64	0.00	119.64	114.90	0.00	114.90
Building construction Land	0.44	0.44	0.06	0.09	0.00	0.01	0.00	0.01	0.01	0.00	0.01
								0.00			
Amenities Water	0.01	0.01	0.06	0.11	0.01	0.58	0.00	0.58	0.58	0.00	0.58
Landscaping Land	0.01	0.01	0.10	0.15	0.00	0.07	0.00	0.07	0.07	0.00	0.07
Amenities Land	0.00	0.00	0.10	0.18	0.00	0.08	0.00	0.08	0.08	0.00	0.08
								0			
Total	**566**	**584**	**317**	**366**	**0**	**157**	**13**	**170**	**150**	**4**	**154**
BAAQMD Construction Average Daily Threshold (lb/day)		**54**	**54**	**N/A**	**N/A**	**82**	**N/A**	**N/A**	**54**		

Air Quality

Construction Emissions - Average Daily (Unmitigated)

	Average Daily Emissions (lb/day)					
	ROG	NOx	CO	SO_2	PM10E	PM2.5E
2027	12	153	32	0	3	3
2028	8	153	32	0	3	3
Maximum Emissions	**12**	**153**	**32**	**0**	**3**	**3**
BAAQMD Construction Average Daily Threshold (lb/day)	**54**	**54**	**N/A**	**N/A**	**82**	**54**
Threshold Exceeded?	No	Yes	No	No	No	No

Construction Emissions - Average Daily (Mitigated)

	Average Daily Emissions (lb/day)					
	ROG	NOx	CO	SO_2	PM10E	PM2.5E
2027	12	33	32	0	1	1
2028	3	33	32	0	1	1
BAAQMD Construction Average Daily Threshold (lb/day)	**54**	**54**	**N/A**	**N/A**	**82**	**54**
Threshold Exceeded?	No	No	No	No	No	No

Operational Emissions - Average Daily (Unmitigated)

	Average Daily Emissions (lb/day)					
	ROG	NOx	CO	SO_2	PM10E	PM2.5E
Mobile	3	2	25	0	0	0
Area	0	0	0	0	0	0
Energy	0	0	0	0	0	0
Total	**3**	**2**	**25**	**0**	**0**	**0**
BAAQMD Operational Average Daily Threshold (lb/day)	**54**	**54**	**N/A**	**N/A**	**82**	**54**
Threshold Exceeded?	No	No	No	No	No	No

Operational Emissions - Annual (Unmitigated)

	Maximum Annual Emissions (tons/year)					
	ROG	NOx	CO	SO_2	PM10E	PM2.5E
Mobile	1	0	4	0	0	0
Area	0	0	0	0	0	0
Energy	0	0	0	0	0	0
Total	**1**	**0**	**4**	**0**	**0**	**0**
BAAQMD Operational Maximum Annual Emissions (tons/year)	**10**	**10**	**N/A**	**N/A**	**15**	**10**
Threshold Exceeded?	No	No	No	No	No	No

GHG

Year	MT CO_2e
2027	25,038
2028	25,038
Construction Total	**50,075**
Amortized over 30 Years	**1,669**

GHG Source	MT CO_2e
Mobile	889
Area	0
Energy	1,815
Water	0
Waste	0
Refrig.	0
Operational Total	**2,704**
Construction (Amortized)	**1,669**
Total Combined	**4,373**

Unmitigated

				ROG	NOx	CO	SO_2	PM10E	PM10D	PM10T	PM2.5E	PM2.5E	PM2.5E	ROG	NOx	CO	SO_2	PM10E	PM10D	PM10T	PM2.5E	PM2.5E	PM2.5E
2027	Water	1	Demolition	12.4033	23.0444	6.3933	0.0050	0.4366	0.0000	0.4366	0.4195	0.0000	0.4195	12	5	6	0	0	0	0	0	0	0
		2	Dredge	1.6965	38.5586	8.7779	0.0050	0.7503	0.0000	0.7503	0.7205	0.0000	0.7205	1	9	9	0	0	0	0	0	0	0
		2	Pile Installation	0.9446	21.4680	4.6073	0.0050	0.3873	0.0000	0.3873	0.3720	0.0000	0.3720	0	5	5	0	0	0	0	0	0	0
		3	Deck Construction	7.1304	152.6570	32.2538	0.0100	2.7409	0.0000	2.7409	2.6316	0.0000	2.6316	2	33	32	0	1	0	1	1	0	1
	Landside	1	Demolition	0.0166	0.5422	0.2874	0.0028	0.0100	0.1034	0.1134	0.0073	0.0283	0.0357	0	1	0	0	0	0	0	0	0	0
		1	Site Preparation	0.0087	0.0702	0.0966	0.0002	0.0022	0.0000	0.0022	0.0020	0.0000	0.0020	0	0	0	0	0	0	0	0	0	0
		1	Grading	0.0308	0.7995	0.4246	0.0040	0.0164	0.1480	0.1644	0.0126	0.0420	0.0546	0	1	0	0	0	0	0	0	0	0
		3	BuildingConstruction	0.4486	0.0595	0.0798	0.0002	0.0020	0.0000	0.0020	0.0019	0.0000	0.0019	0	0	0	0	0	0	0	0	0	0
		2	Asphalt Paving	0.1154	0.1621	0.1745	0.0004	0.0057	0.0000	0.0057	0.0052	0.0000	0.0052	0	0	0	0	0	0	0	0	0	0
	2027 Totals	1		12.4595	24.4564	7.2020	0.0120	0.4652	0.2514	0.7166	0.4414	0.0704	0.5118	11.6248	6.7486	7.2462	0.0117	0.1717	0.2514	0.4230	0.1550	0.0704	0.2253
		2		2.7564	60.1886	13.5597	0.0104	1.1433	0.0000	1.1433	1.0978	0.0000	1.0978	0.8560	13.4806	13.5615	0.0102	0.3721	0.0000	0.3721	0.3576	0.0000	0.3576
		3		7.5790	152.7165	32.3336	0.0102	2.7429	0.0000	2.7429	2.6335	0.0000	2.6335	2.6575	33.1684	32.3226	0.0051	0.9212	0.0000	0.9212	0.8847	0.0000	0.8847
		Max		**12.4595**	**152.7165**	**32.3336**	**0.0120**	**2.7429**	**0.2514**	**2.7429**	**2.6335**	**0.0704**	**2.6335**	**11.6248**	**33.1684**	**32.3226**	**0.0117**	**0.9212**	**0.2514**	**0.9212**	**0.8847**	**0.0704**	**0.8847**
2028	Water	3	Deck Construction	7.1304	152.6570	32.2538	0.0100	2.7409	0.0000	2.7409	2.6316	0.0000	2.6316	2	33	32	0	1	0	1	1	0	1
		4	Amenities	0.0100	0.1100	0.1400	0.0050	0.0050	0.0000	0.0050	0.0050	0.0000	0.0050	0	0	0	0	0	0	0	0	0	0
	Landside	3	Building Construction	0.4486	0.0595	0.0798	0.0002	0.0020	0.0000	0.0020	0.0019	0.0000	0.0019	0	0	0	0	0	0	0	0	0	0
		4	Landsaping	0.0132	0.0951	0.1219	0.0003	0.0033	0.0000	0.0033	0.0030	0.0000	0.0030	0	0	0	0	0	0	0	0	0	0
		4	Amenities	0.0227	0.1734	0.1723	0.0004	0.0063	0.0000	0.0063	0.0058	0.0000	0.0058	0	0	0	0	0	0	0	0	0	0
	2028 Totals	3		7.5790	152.7165	32.3336	0.0102	2.7429	0.0000	2.7429	2.6335	0.0000	2.6335	2.6575	33.1684	32.3226	0.0051	0.9212	0.0000	0.9212	0.8847	0.0000	0.8847
		4		0.0459	0.3785	0.4342	0.0057	0.0145	0.0000	0.0145	0.0138	0.0000	0.0138	0.0148	0.2613	0.4381	0.0054	0.0081	0.0000	0.0081	0.0079	0.0000	0.0079
		Max		**7.5790**	**152.7165**	**32.3336**	**0.0102**	**2.7429**	**0.0000**	**2.7429**	**2.6335**	**0.0000**	**2.6335**	**2.6575**	**33.1684**	**32.3226**	**0.0054**	**0.9212**	**0.0000**	**0.9212**	**0.8847**	**0.0000**	**0.8847**

Air Quality

Construction Emissions - Average Daily (Unmitigated)

	Average Daily Emissions (lb/day)					
	ROG	NOx	CO	SO_2	PM10E	PM2.5E
2027	12	153	32	0	3	3
2028	8	153	32	0	3	3
Maximum Emissions	**12**	**153**	**32**	**0**	**3**	**3**
BAAQMD Construction Average Daily Threshold (lb/day)	**54**	**54**	**N/A**	**N/A**	**82**	**54**
Threshold Exceeded?	No	Yes	No	No	No	No

Construction Emissions - Average Daily (Mitigated)

	Average Daily Emissions (lb/day)					
	ROG	NOx	CO	SO_2	PM10E	PM2.5E
2027	12	33	32	0	1	1
2028	3	33	32	0	1	1
BAAQMD Construction Average Daily Threshold (lb/day)	**54**	**54**	**N/A**	**N/A**	**82**	**54**
Threshold Exceeded?	No	No	No	No	No	No

Operational Emissions - Average Daily (Unmitigated)

	Average Daily Emissions (lb/day)					
	ROG	NOx	CO	SO_2	PM10E	PM2.5E
Mobile	3	2	25	0	0	0
Area	0	0	0	0	0	0
Energy	0	0	0	0	0	0
Total	**3**	**2**	**25**	**0**	**0**	**0**
BAAQMD Operational Average Daily Threshold (lb/day)	**54**	**54**	**N/A**	**N/A**	**82**	**54**
Threshold Exceeded?	No	No	No	No	No	No

Operational Emissions - Annual (Unmitigated)

	Maximum Annual Emissions (tons/year)					
	ROG	NOx	CO	SO_2	PM10E	PM2.5E
Mobile	1	0	4	0	0	0
Area	0	0	0	0	0	0
Energy	0	0	0	0	0	0
Total	**1**	**0**	**4**	**0**	**0**	**0**
BAAQMD Operational Maximum Annual Emissions (tons/year)	**10**	**10**	**N/A**	**N/A**	**15**	**10**
Threshold Exceeded?	No	No	No	No	No	No

GHG

Year	MT CO_2e
2027	25,038
2028	25,038
Construction Total	**50,075**
Amortized over 30 Years	**1,669**

GHG Source	MT CO_2e
Mobile	889
Area	0
Energy	1,815
Water	0
Waste	0
Refrig.	0
Operational Total	**2,704**
Construction (Amortized)	**1,669**
Total Combined	**4,373**

Unmitigated

				ROG	NOx	CO	SO_2	PM10E	PM10D	PM10T	PM2.5E	PM2.5E	PM2.5E
2027	Water	1	Demolition	12.4033	23.0444	6.3933	0.0050	0.4366	0.0000	0.4366	0.4195	0.0000	0.4195
		2	Dredge	1.6965	38.5586	8.7779	0.0050	0.7503	0.0000	0.7503	0.7205	0.0000	0.7205
		3	Pile Installation	0.9446	21.4680	4.6073	0.0050	0.3873	0.0000	0.3873	0.3720	0.0000	0.3720
		4	Deck Construction	7.1304	152.6570	32.2538	0.0100	2.7409	0.0000	2.7409	2.6316	0.0000	2.6316
	Landside	1	Demolition	0.0166	0.5422	0.2874	0.0028	0.0100	0.1034	0.1134	0.0073	0.0283	0.0357
		1	Site Preparation	0.0087	0.0702	0.0966	0.0002	0.0022	0.0000	0.0022	0.0020	0.0000	0.0020
		2	Grading	0.0308	0.7995	0.4246	0.0040	0.0164	0.1480	0.1644	0.0126	0.0420	0.0546
		4	BuildingConstruction	0.4486	0.0595	0.0798	0.0002	0.0020	0.0000	0.0020	0.0019	0.0000	0.0019
		3	Asphalt Paving	0.1154	0.1621	0.1745	0.0004	0.0057	0.0000	0.0057	0.0052	0.0000	0.0052
	2027 Totals	1		12.4286	23.6568	6.7773	0.0080	0.4488	0.1034	0.5522	0.4289	0.0283	0.4572
		2		1.7273	39.3581	9.2025	0.0090	0.7667	0.1480	0.9147	0.7331	0.0420	0.7751
		3		1.0600	21.6300	4.7818	0.0054	0.3930	0.0000	0.3930	0.3773	0.0000	0.3773
		4		7.5790	152.7165	32.3336	0.0102	2.7429	0.0000	2.7429	2.6335	0.0000	2.6335
		Max		**12.4286**	**152.7165**	**32.3336**	**0.0102**	**2.7429**	**0.1480**	**2.7429**	**2.6335**	**0.0420**	**2.6335**
2028	Water	4	Deck Construction	7.1304	152.6570	32.2538	0.0100	2.7409	0.0000	2.7409	2.6316	0.0000	2.6316
		5	Amenities	0.0100	0.1100	0.1400	0.0050	0.0050	0.0000	0.0050	0.0050	0.0000	0.0050
	Landside	4	Building Construction	0.4486	0.0595	0.0798	0.0002	0.0020	0.0000	0.0020	0.0019	0.0000	0.0019
		5	Landsaping	0.0132	0.0951	0.1219	0.0003	0.0033	0.0000	0.0033	0.0030	0.0000	0.0030
		5	Amenities	0.0227	0.1734	0.1723	0.0004	0.0063	0.0000	0.0063	0.0058	0.0000	0.0058
	2028 Totals	4		7.5790	152.7165	32.3336	0.0102	2.7429	0.0000	2.7429	2.6335	0.0000	2.6335
		5		0.0459	0.3785	0.4342	0.0057	0.0145	0.0000	0.0145	0.0138	0.0000	0.0138
		Max		**7.5790**	**152.7165**	**32.3336**	**0.0102**	**2.7429**	**0.0000**	**2.7429**	**2.6335**	**0.0000**	**2.6335**

				ROG	NOx	CO	SO_2	PM10E	PM10D	PM10T	PM2.5E	PM2.5E	PM2.5E
2027	Water	1	Demolition	12	5	6	0	0	0	0	0	0	0
		2	Dredge	1	9	9	0	0	0	0	0	0	0
		3	Pile Installation	0	5	5	0	0	0	0	0	0	0
		4	Deck Construction	2	33	32	0	1	0	1	1	0	1
	Landside	1	Demolition	0	1	0	0	0	0	0	0	0	0
		1	Site Preparation	0	0	0	0	0	0	0	0	0	0
		2	Grading	0	1	0	0	0	0	0	0	0	0
		4	BuildingConstruction	0	0	0	0	0	0	0	0	0	0
		3	Asphalt Paving	0	0	0	0	0	0	0	0	0	0
	2027 Totals	1		11.6114	5.9995	6.7962	0.0079	0.1600	0.1034	0.2635	0.1468	0.0283	0.1751
		2		0.5183	9.4050	9.1979	0.0088	0.2497	0.1480	0.3977	0.2370	0.0420	0.2790
		3		0.3511	4.8247	4.8136	0.0052	0.1340	0.0000	0.1340	0.1288	0.0000	0.1288
		4		2.6575	33.1684	32.3226	0.0051	0.9212	0.0000	0.9212	0.8847	0.0000	0.8847
		Max		**11.6114**	**33.1684**	**32.3226**	**0.0088**	**0.9212**	**0.1480**	**0.9212**	**0.8847**	**0.0420**	**0.8847**
2028	Water	4	Deck Construction	2	33	32	0	1	0	1	1	0	1
		5	Amenities	0	0	0	0	0	0	0	0	0	0
	Landside	4	Building Construction	0	0	0	0	0	0	0	0	0	0
		5	Landsaping	0	0	0	0	0	0	0	0	0	0
		5	Amenities	0	0	0	0	0	0	0	0	0	0
	2028 Totals	4		2.6575	33.1684	32.3226	0.0051	0.9212	0.0000	0.9212	0.8847	0.0000	0.8847
		5		0.0148	0.2613	0.4381	0.0054	0.0081	0.0000	0.0081	0.0079	0.0000	0.0079
		Max		**2.6575**	**33.1684**	**32.3226**	**0.0054**	**0.9212**	**0.0000**	**0.9212**	**0.8847**	**0.0000**	**0.8847**

	Option 1 Option 1 is intended to be an upper bound on the estimated maximum emissions in a given phase. It overlaps dredging, pile installation, utilities, and paving into the same phase.	Option 2 This options is a more likely construction schedule	Option 3 This option is intended to give the maximum duration of the expected construction schedule.
In-Water			
Demolition	1	1	1
Dredge	2	2	2
Pile Installation	2	3	3
Deck Construction	3	4	4
Amenities	4	5	5
Landside			
Demolition	1	1	6
Site Preparation	1	1	7
Grading	1	2	8
Building Construction	3	4	9
Utilities	2	2	10
Asphalt Paving and Plaza Pavers	2	3	11
Landscaping	4	5	12
Amenities	4	5	13

On-Land Construction

Construction Phase:	Phase 1: Working Days (University)	Phase 2 Working Days (Seawall Drive, Parking Lot)	Phase 3 Working Days (Plaza)	Phase 4 Working Days (Small Craft Launch)
Overall Construction Schedule (start and completion date for entire phase)	120	193	130	45
Demolition	20	30	10	5
Site Preparation	10	14	5	5
Grading	10	14	15	5
Restroom Construction	0	15	0	0
Utilities	40	60	10	0
Asphalt Paving, curbs, and Plaza Pavers	20	30	20	5
Deep Soil Mixing	0	0	15	0
Retaining Wall	0	0	15	15
Landscaping	10	15	15	5
Amenities (Benches, Signs, Lights, Handrails, Fish Station, Architectural sculpture or signs, Bus Stop etc.)	10	15	25	5

In-Water Construction

Construction Phase:	Phase 3 Work Days (Pier, Breakwater, Float)	Duration Phase 5 (Second Float)
Overall Construction Schedule (start and completion date for entire phase)	397	270
Float Construction	230	230
Demolition	50	0
Dredge	83	0
Pile Installation	49	10
Deck Construction	120	10
Amenities (Electrical, Utilities, Canopy, Gangway, Float, Gates, Handrails. etc.)	95	20
Other (e.g., Groundwater Dewatering):	0	0

Option 2

	TOG	ROG	NOx	CO	SO_2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO_2	$NBCO_2$	CO_2T	CH_4	N_2O	R	CO_2e
Demo Water	11.40	12.40	23.04	6.39	0.01	0.44	0.00	0.44	0.42	0.00	0.42	0	3,385	3,728	0	0	0	4,081
Demo Land	0.04	0.02	0.54	0.29	0.00	0.01	0.10	0.11	0.01	0.03	0.04	0	1,830	1,830	0	0	0	1,854
Site Prep Land	0.01	0.01	0.07	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	589	589	0	0	0	591
Dredge Water	0.01	1.70	38.56	8.78	0.01	0.75	0.00	0.75	0.72	0.00	0.72	0	930	1,509	0	0	0	1,509
Grading Land	0.06	0.03	0.80	0.42	0.00	0.02	0.15	0.16	0.01	0.04	0.05	0	2,161	2,161	0	0	0	2,192
Utilities Land											0.00							
Pile Installation Water	0.01	0.94	21.47	4.61	0.01	0.39	0.00	0.39	0.37	0.00	0.37	0	1,192	1,504	0	0	0	1,504
Asphalt Paving Land	0.12	0.12	0.16	0.17	0.00	0.01	0.00	0.01	0.01	0.00	0.01	0	2,882	2,882	0	0	0	2,891
Deck Construction Water	0.46	7.13	152.66	32.25	0.01	2.74	0.00	2.74	2.63	0.00	2.63	0	2,553	4,785	1	1	0	4,788
Building construction Land	0.45	0.45	0.06	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	219	219	0	0	0	220
Amenities Water	0.02	0.01	0.11	0.14	0.01	0.01	0.00	0.01	0.01	0.00	0.01	0	2,266	2,266	1	1	0	2,266
Landscaping Land	0.02	0.01	0.10	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1,309	1,309	0	0	0	1,314
Amenities Land	0.03	0.02	0.17	0.17	0.00	0.01	0.00	0.01	0.01	0.00	0.01	0	1,822	1,822	0	0	0	1,828
Total	**13**	**23**	**238**	**54**	**0**	**4**	**0**	**5**	**4**	**0**	**4**	**0**	**21,136**	**24,603**	**3**	**3**	**1**	**25,038**
BAAQMD Construction Average Daily Threshold (lb/day)		**54**	**54**	**N/A**	**N/A**	**82**	**N/A**	**N/A**	**54**									

Option 2 - Mitigated

	TOG	ROG	NOx	CO	SO_2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO_2	$NBCO_2$	CO_2T	CH_4	N_2O	R	CO_2e
Demo Water	11.30	11.60	5.37	6.37	0.01	0.15	0.00	0.15	0.14	0.00	0.14	0	2,550	2,893	0	0	0	2,903
Demo Land	0.03	0.01	0.55	0.31	0.00	0.01	0.10	0.11	0.01	0.03	0.03	0	1,587	1,587	0	0	0	1,610
Site Prep Land	0.00	0.00	0.08	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	461	461	0	0	0	463
Dredge Water	0.01	0.50	8.66	8.75	0.01	0.24	0.00	0.24	0.23	0.00	0.23	0	206	785	0	0	0	786
Grading Land	0.04	0.01	0.75	0.45	0.00	0.01	0.15	0.16	0.01	0.04	0.05	0	1,575	1,575	0	0	0	1,605
Utilities Land																		
Pile Installation Water	0.01	0.25	4.71	4.61	0.01	0.13	0.00	0.13	0.13	0.00	0.13	0	679	679	0	0	0	679
Asphalt Paving Land	0.10	0.10	0.12	0.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1,771	1,771	0	0	0	1,777
								0.00										
Deck Construction Water	0.45	2.21	33.11	32.23	0.01	0.92	0.00	0.92	0.88	0.00	0.88	0	1,030	3,261	1	1	0	3,265
Building construction Land	0.44	0.44	0.06	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	163	163	0	0	0	163
								0.00										
Amenities Water	0.01	0.01	0.06	0.11	0.01	0.01	0.00	0.01	0.01	0.00	0.01	0	695	695	1	1	0	697
Landscaping Land	0.01	0.01	0.10	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1,141	1,141	0	0	0	1,145
Amenities Land	0.00	0.00	0.10	0.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	846	846	0	0	0	849
								0										
Total	**12**	**15**	**54**	**54**	**0**	**1**	**0**	**2**	**1**	**0**	**1**	**0**	**12,702**	**15,856**	**3**	**2**	**1**	**15,941**
BAAQMD Construction Average Daily Threshold (lb/day)		**54**	**54**	**N/A**	**N/A**	**82**	**N/A**	**N/A**	**54**									

			Unmitigated			Mitigated			Haul			
			PM10E	PM2.5E	PM2.5D	PM10E	PM2.5E	PM2.5D		PM10E	PM2.5E	PM2.5D
Water	1	Demolition	0.4366	0.4195	0.0000	0.15	0.14	0.00	3.1. University Avenue Demolition (2027) - Unmitigated	0.00107996	0.00071998	0.00411269
	2	Dredge	0.7503	0.7205	0.0000	0.24	0.23	0.00	3.3. Seawall Drive Demolition (2027) - Unmitigated	0.00025368	0.00016912	0.00096607
	3	Pile Installation	0.3873	0.3720	0.0000	0.13	0.13	0.00	3.5. Parking Lot Demolition (2027) - Unmitigated	0.00247522	0.00165014	0.00942606
	4	Deck Construction	2.7409	2.6316	0.0000	0.92	0.88	0.00	3.7. Bay Trail Demolition (2027) - Unmitigated	0.00032616	0.00021744	0.00124209
	5	Amenities	0.0050	0.0050	0.0000	0.01	0.01	0.00	3.9. Plaza Demolition (2027) - Unmitigated	0.00013409	8.9393E-05	0.00051064
Landside	1	Demolition	0.0026	0.0024	0.0000	0.00	0.00	0.00	3.11. Pier Demolition (2027) - Unmitigated	0.00317103	0.00211402	0.01207585
	1	Site Preparation	0.0022	0.0020	0.0000	0.00	0.00	0.00	3.13. University Avenue Grading (2027) - Unmitigated	0.0002718	0.0001812	0.00103507
	2	Grading	0.0064	0.0058	0.0037	0.00	0.00	0.00	3.15. Seawall Drive Grading (2027) - Unmitigated	0.0003624	0.0002416	0.0013801
	4	BuildingConstruction	0.0020	0.0019	0.0000	0.00	0.00	0.00	3.17. Parking Lot Grading (2027) - Unmitigated	0.008473	0.00564867	0.03226668
	3	Asphalt Paving	0.0057	0.0052	0.0000	0.00	0.00	0.00	3.19. Bay Trail Grading (2027) - Unmitigated	0.00050012	0.00033341	0.00190453
	5	Landsaping	0.0033	0.0030	0.0000	0.00	0.00	0.00	3.21. Plaza Grading (2027) - Unmitigated	0.000453	0.000302	0.00172512
	5	Amenities	0.0063	0.0058	0.0000	0.00	0.00	0.00	3.23. Pier Grading (2027) - Unmitigated	0	0	0

LANDSIDE

Construction Phase:	Start Date	End Date	Phase 1: Working Days (University)	Phase 2: Working Days (Seawall Drive, Parking Lot)	Phase 3: Working Days (Plaza)	Phase 4: Working Days (Small Craft Launch)
Overall Construction Schedule (start and completion date for entire phase)			80	133	90	30
Demolition			20	30	10	5
Site Preparation			10	14	5	5
Grading			10	14	15	5
Restroom Construction			0	15	0	0
Asphalt Paving, curbs, and Plaza Pavers			20	30	20	5
Landscaping			10	15	15	5
Amenities (Benches, Signs, Lights, Handrails, Fish Station, Architectural sculpture or signs, Bus Stop etc.)			10	15	25	5

INWATER

Construction Phase:	Phase 3: Work Days (Pier, Breakwater, Float)	Duration Phase 5 (Second Float)
Overall Construction Schedule (start and completion date for entire phase)	397	270
Demolition	50	0
Dredge	83	0
Pile Installation	49	10
Float Construction	230	230
Deck Construction	120	10
Amenities (Electrical, Utilities, Canopy, Gangway, Float, Gates, Handrails, etc.)	95	20

Onsite

	Unmitigated				Mitigated		
	PM10E	PM2.5E	PM2.5D		PM10E	PM2.5E	PM2.5D
Phase 1: Working Days (University)							
Demolition	0.051	0.047	0.000		0.026	0.024	0.000
Site Preparation	0.022	0.020	0.000		0.013	0.013	0.000
Grading	0.064	0.058	0.037		0.016	0.015	0.037
Restroom Construction	0.000	0.000	0.000		0.000	0.000	0.000
Asphalt Paving, curbs, and Plaza Pavers	0.114	0.105	0.000		0.031	0.030	0.000
Landscaping	0.033	0.030	0.000		0.016	0.015	0.000
Amenities (Benches, Signs, Lights, Handrails, Fish Station, Architectural sculpture or signs, Bus Stop etc.)	0.063	0.058	0.000		0.015	0.014	0.000
Total	**0.347**	**0.319**	**0.037**		**0.117**	**0.110**	**0.037**
Average Daily	**0.004**	**0.004**	**0.000**		**0.001**	**0.001**	**0.000**
Phase 2: Working Days (Seawall Drive, Parking Lot)							
Demolition	0.077	0.071	0.000		0.038	0.036	0.000
Site Preparation	0.031	0.029	0.000		0.019	0.018	0.000
Grading	0.089	0.082	0.052		0.022	0.021	0.052
Restroom Construction	0.031	0.028	0.000		0.014	0.013	0.000
Asphalt Paving, curbs, and Plaza Pavers	0.171	0.157	0.000		0.047	0.044	0.000
Landscaping	0.049	0.045	0.000		0.025	0.023	0.000
Amenities (Benches, Signs, Lights, Handrails, Fish Station, Architectural sculpture or signs, Bus Stop etc.)	0.094	0.086	0.000		0.022	0.021	0.000
Total	**0.542**	**0.499**	**0.052**		**0.186**	**0.176**	**0.052**
Average Daily	**0.004**	**0.004**	**0.000**		**0.001**	**0.001**	**0.000**
Phase 3: Working Days (Plaza)							
Demolition	0.026	0.024	0.000		0.013	0.012	0.000
Site Preparation	0.011	0.010	0.000		0.007	0.006	0.000
Grading	0.095	0.088	0.056		0.023	0.022	0.056
Restroom Construction	0.000	0.000	0.000		0.000	0.000	0.000
Asphalt Paving, curbs, and Plaza Pavers	0.114	0.105	0.000		0.031	0.030	0.000
Landscaping	0.049	0.045	0.000		0.025	0.023	0.000
Amenities (Benches, Signs, Lights, Handrails, Fish Station, Architectural sculpture or signs, Bus Stop etc.)	0.156	0.144	0.000		0.037	0.035	0.000
Total	**0.452**	**0.416**	**0.056**		**0.136**	**0.128**	**0.056**

Haul

Unmitigated				Mitigated		
PM10E	PM2.5E	PM2.5D		PM10E	PM2.5E	PM2.5D
0.021599262	0.014399508	0.0822538		0.02159926	0.01439951	0.0822538
0.002718028	0.001812019	0.01035073		0.00271803	0.00181202	0.01035073
0.024	**0.016**	**0.093**		**0.024**	**0.016**	**0.093**
0.000	**0.000**	**0.001**		**0.000**	**0.000**	**0.001**
Phase 2: Working Days (Seawall Drive, Parking Lot)						
0.186782876	0.124521918	0.71130217		0.18678288	0.12452192	0.71130217
0.130697277	0.087131518	0.49771831		0.13069728	0.08713152	0.49771831
0.317	**0.212**	**1.209**		**0.317**	**0.212**	**1.209**
0.002	**0.002**	**0.009**		**0.002**	**0.002**	**0.009**
Phase 3: Working Days (Plaza)						
0.001340894	0.000893929	0.00510636		0.00134089	0.00089393	0.00510636
0.00679507	0.004530046	0.02587683		0.00679507	0.00453005	0.02587683
0.008	**0.005**	**0.031**		**0.008**	**0.005**	**0.031**

Average Daily	**0.005**	**0.005**	**0.001**		**0.002**	**0.001**	**0.001**
Phase 4: Working Days (Small Craft Launch)							
Demolition	0.013	0.012	0.000		0.006	0.006	0.000
Site Preparation	0.011	0.010	0.000		0.007	0.006	0.000
Grading	0.032	0.029	0.019		0.008	0.007	0.019
Restroom Construction	0.000	0.000	0.000		0.000	0.000	0.000
Asphalt Paving, curbs, and Plaza Pavers	0.029	0.026	0.000		0.008	0.007	0.000
Landscaping	0.016	0.015	0.000		0.008	0.008	0.000
Amenities (Benches, Signs, Lights, Handrails, Fish Station, Architectural sculpture or signs, Bus Stop etc.)	0.031	0.029	0.000		0.007	0.007	0.000
Total	**0.132**	**0.121**	**0.019**		**0.044**	**0.042**	**0.019**
Average Daily	**0.004**	**0.004**	**0.001**		**0.001**	**0.001**	**0.001**
Phase 3: Work Days (Pier, Breakwater, Float)							
Demolition	21.828	20.975	0.000		7.499	6.969	0.000
Dredge	62.277	59.802	0.000		19.763	18.989	0.000
Pile Installation	18.979	18.229	0.000		6.490	6.240	0.000
Float Construction	630.396	605.272	0.000		211.665	203.291	0.000
Deck Construction	328.902	315.794	0.000		110.434	106.065	0.000
Amenities (Electrical, Utilities, Canopy, Gangway, Float, Gates, Handrails, etc.)	0.475	0.475	0.000		0.475	0.475	0.000
Total	1000.580	960.745	0.000		336.563	323.039	0.000
Average Daily	**2.520**	**2.420**	**0.000**		**0.848**	**0.814**	**0.000**
Dredge Average daily	**0.157**	**0.151**	**0.000**		**0.050**	**0.048**	**0.000**
Duration Phase 5 (Second Float)							
Demolition	0.000	0.000	0.000		0.000	0.000	0.000
Dredge	0.000	0.000	0.000		0.000	0.000	0.000
Pile Installation	3.873	3.720	0.000		1.324	1.273	0.000
Float Construction	630.396	605.272	0.000		211.665	203.291	0.000
Deck Construction	0.050	0.050	0.000		0.050	0.050	0.000
Amenities (Electrical, Utilities, Canopy, Gangway, Float, Gates, Handrails, etc.)	0.051	0.047	0.000		0.026	0.024	0.000
Total	634.370	609.089	0.000		213.065	204.638	0.000
Average Daily	**2.350**	**2.256**	**0.000**		**0.789**	**0.758**	**0.000**
Dredge Average daily	**0.000**	**0.000**	**0.000**		**0.000**	**0.000**	**0.000**

0.000	**0.000**	**0.000**		**0.000**	**0.000**	**0.000**
Phase 4: Working Days (Small Craft Launch)						
0.012376087	0.008250725	0.04713032		0.01237609	0.00825072	0.04713032
0.042364995	0.02824333	0.16133338		0.04236499	0.02824333	0.16133338
0.055	**0.036**	**0.208**		**0.055**	**0.036**	**0.208**
0.002	**0.001**	**0.007**		**0.002**	**0.001**	**0.007**

No on-road Hauling near receptors
No on-road Hauling near receptors

No on-road Hauling near receptors
No on-road Hauling near receptors

	Option 1 Option 1 is intended to be an upper bound on the estimated maximum emissions in a given phase. It overlaps dredging, pile installation, utilities, and paving into the same phase.	Option 2 This options is a more likely construction schedule	Option 3 This option is intended to give the maximum duration of the expected construction schedule.
In-Water			
Demolition	1	1	1
Dredge	2	2	2
Pile Installation	2	3	3
Deck Construction	3	4	4
Amenities	4	5	5
Landside			
Demolition	1	1	6
Site Preparation	1	1	7
Grading	1	2	8
Building Construction	3	4	9
Utilities	2	2	10
Asphalt Paving and Plaza Pavers	2	3	11
Landscaping	4	5	12
Amenities	4	5	13

On-Land Construction

Construction Phase:	Phase 1: Working Days (University)	Phase 2 Working Days (Seawall Drive, Parking Lot)	Phase 3 Working Days (Plaza)	Phase 4 Working Days (Small Craft Launch)
Overall Construction Schedule (start and completion date for entire phase)	120	193	130	45
Demolition	20	30	10	5
Site Preparation	10	14	5	5
Grading	10	14	15	5
Restroom Construction	0	15	0	0
Utilities	40	60	10	0
Asphalt Paving, curbs, and Plaza Pavers	20	30	20	5
Deep Soil Mixing	0	0	15	0
Retaining Wall	0	0	15	15
Landscaping	10	15	15	5
Amenities (Benches, Signs, Lights, Handrails, Fish Station, Architectural sculpture or signs, Bus Stop etc.)	10	15	25	5

In-Water Construction

Construction Phase:	Phase 3 Work Days (Pier, Breakwater, Float)	Duration Phase 5 (Second Float)
Overall Construction Schedule (start and completion date for entire phase)	397	270
Float Construction	230	230
Demolition	50	0
Dredge	83	0
Pile Installation	49	10
Deck Construction	120	10
Amenities (Electrical, Utilities, Canopy, Gangway, Float, Gates, Handrails, etc.)	95	20
Other (e.g., Groundwater Dewatering):	0	0

Unmitigated

	PM10E	PM2.5E	PM2.5D
Demo Water	0.44	0.42	0.00
Demo Land	0.00	0.00	0.00
Site Prep Land	0.00	0.00	0.00
Dredge Water	0.75	0.72	0.00
Grading Land	0.01	0.01	0.00
Utilities Land			
Pile Installation Water	0.39	0.37	0.00
Asphalt Paving Land	0.01	0.01	0.00
Deck Construction Water	2.74	2.63	0.00
Building construction Land	0.00	0.00	0.00
Amenities Water	0.01	0.01	0.00
Landscaping Land	0.00	0.00	0.00
Amenities Land	0.01	0.01	0.00
Total	**4**	**4**	**0**
BAAQMD Construction Average Daily Threshold (lb/day)	**82**	**54**	

Mitigated

	PM10E	PM2.5E	PM2.5D
Demo Water	0.15	0.14	0.00
Demo Land	0.00	0.00	0.00
Site Prep Land	0.00	0.00	0.00
Dredge Water	0.24	0.23	0.00
Grading Land	0.00	0.00	0.00
Utilities Land			
Pile Installation Water	0.13	0.13	0.00
Asphalt Paving Land	0.00	0.00	0.00
Deck Construction Water	0.92	0.88	0.00
Building construction Land	0.00	0.00	0.00
Amenities Water	0.01	0.01	0.00
Landscaping Land	0.00	0.00	0.00
Amenities Land	0.00	0.00	0.00
Total	**1**	**1**	**0**
BAAQMD Construction Average Daily Threshold (lb/day)	**82**	**54**	

Emissions - Tier 2 Equipment

Grams per day per equipment type

Equipment	HP	LF	Hours/day	Grams per day ROG	NOx	PM10	CO	Sox	CO2
Barge Crane	936	0.31	11	702	16,214	287	3,316	0	1,685,507
Excavator Barge	275	0.31	11	141	2,832	103	1,088	0	495,208
Flat Deck Barges	0	0.31	11	0	0	0	0	0	0
Tugboats	950	0.33	11	759	17,518	310	3,583	0	1,821,087
Crew Boats	700	0.26	11	440	9,530	180	2,322	0	1,057,218
Skiff	30	0.27	11	20	453	8	93	0	47,052
Dump Scow	90	0.33	11	59	1,313	56	608	0	203,550

312 days/year

	#	Grams per day ROG	NOx	PM10	CO	Sox	CO2	lbs per day ROG	NOx	PM10	CO	Sox	CO2	Days	lbs/subphase ROG	NOx	PM10	PM2.5	CO	Sox	CO2	MT/phase CO2	Average lbs/day ROG	NOx	PM10	PM2.5	CO	Sox
Demolition														50														
Barge Crane	1	702	16,214	287	3,316	0	1,685,507	1.55	35.75	0.63	7.31	0.00	3,715.91		77.40	1787.30	31.66	30.40	365.55	0.00	185795.39	82.94437	0.248086	5.728536	0.10149	0.09743	1.171638	0
Excavator Barge	1	141	2,832	103	1,088	0	495,208	0.31	6.24	0.23	2.40	0.00	1,091.75		15.51	312.18	11.37	10.92	119.88	0.00	54587.32	24.36934	0.049697	1.000561	0.036444	0.034987	0.384233	0
Flat Deck Barges	3	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0	0	0	0	0
Tugboats	2	1,517	35,037	621	7,166	0	3,642,174	3.35	77.24	1.37	15.80	0.00	8,029.62		167.26	3862.14	68.42	65.69	789.91	0.00	401480.95	179.2326	0.536084	12.37866	0.219307	0.210535	2.531764	0
Crew Boats	1	440	9,530	180	2,322	0	1,057,218	0.97	21.01	0.40	5.12	0.00	2,330.77		48.55	1050.45	19.86	19.07	255.93	0.00	116538.33	52.02604	0.15561	3.366826	0.063658	0.061112	0.820298	0
Skiff	2	39	905	16	185	0	94,104	0.09	2.00	0.04	0.41	0.00	207.46		4.32	99.79	1.77	1.70	20.41	0.00	10373.19	4.630889	0.013851	0.319831	0.005666	0.00544	0.065414	0
Dump Scow	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0	0	0	0	0
Dredging														83														
Barge Crane	1	702	16,214	287	3,316	0	1,685,507	1.55	35.75	0.63	7.31	0.00	3,715.91		128.49	2966.92	52.56	50.46	606.81	0.00	308420.35	137.6877	0.411823	9.509369	0.168473	0.161734	1.944918	0
Excavator Barge	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0	0	0	0	0
Flat Deck Barges	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0	0	0	0	0
Tugboats	2	1,517	35,037	621	7,166	0	3,642,174	3.35	77.24	1.37	15.80	0.00	8,029.62		277.65	6411.16	113.58	109.04	1311.25	0.00	666458.37	297.5261	0.889899	20.54857	0.36405	0.349488	4.202729	0
Crew Boats	1	440	9,530	180	2,322	0	1,057,218	0.97	21.01	0.40	5.12	0.00	2,330.77		80.59	1743.75	32.97	31.65	424.85	0.00	193453.63	86.36323	0.258312	5.588931	0.105673	0.101446	1.361694	0
Skiff	2	39	905	16	185	0	94,104	0.09	2.00	0.04	0.41	0.00	207.46		7.17	165.65	2.93	2.82	33.88	0.00	17219.50	7.687276	0.022993	0.53092	0.009406	0.00903	0.108587	0
Dump Scow	3	176	3,940	167	1,824	0	610,650	0.39	8.69	0.37	4.02	0.00	1,346.25		32.28	720.96	30.49	29.27	333.82	0.00	111739.06	49.88351	0.103467	2.310757	0.097719	0.09381	1.069944	0
Pile Installation														49														
Barge Crane	1	702	16,214	287	3,316	0	1,685,507	1.55	35.75	0.63	7.31	0.00	3,715.91		75.85	1751.56	31.03	29.79	358.24	0.00	182079.49	81.28548	0.243124	5.613965	0.09946	0.095482	1.148205	0
Excavator Barge	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0	0	0	0	0
Flat Deck Barges	3	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0	0	0	0	0
Tugboats	2	1,517	35,037	621	7,166	0	3,642,174	3.35	77.24	1.37	15.80	0.00	8,029.62		163.91	3784.90	67.06	64.37	774.11	0.00	393451.33	175.6479	0.525362	12.13109	0.214921	0.206324	2.481129	0
Crew Boats	1	440	9,530	180	2,322	0	1,057,218	0.97	21.01	0.40	5.12	0.00	2,330.77		47.58	1029.44	19.46	18.69	250.81	0.00	114207.56	50.98552	0.152497	3.29949	0.062385	0.05989	0.803892	0
Skiff	2	39	905	16	185	0	94,104	0.09	2.00	0.04	0.41	0.00	207.46		4.24	97.79	1.73	1.66	20.00	0.00	10165.73	4.538271	0.013574	0.313435	0.005553	0.005331	0.064106	0
Dump Scow	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0	0	0	0	0
Deck Construction														120														
Barge Crane	1	702	16,214	287	3,316	0	1,685,507	1.55	35.75	0.63	7.31	0.00	3,715.91		185.77	4289.53	76.00	72.96	877.32	0.00	445908.95	199.0665	0.595407	13.74849	0.243576	0.233833	2.81193	0
Excavator Barge	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0	0	0	0	0
Flat Deck Barges	3	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0	0	0	0	0
Tugboats	2	1,517	35,037	621	7,166	0	3,642,174	3.35	77.24	1.37	15.80	0.00	8,029.62		401.42	9269.14	164.22	157.65	1895.79	0.00	963554.28	430.1582	1.286601	29.70878	0.526337	0.505283	6.076235	0
Crew Boats	1	440	9,530	180	2,322	0	1,057,218	0.97	21.01	0.40	5.12	0.00	2,330.77		116.52	2521.08	47.67	45.76	614.24	0.00	279691.99	124.8625	0.373463	8.080383	0.15278	0.146669	1.968715	0
Skiff	2	39	905	16	185	0	94,104	0.09	2.00	0.04	0.41	0.00	207.46		10.37	239.49	4.24	4.07	48.98	0.00	24895.66	11.11413	0.033242	0.767595	0.013599	0.013055	0.156994	0
Dump Scow	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0	0	0	0	0
Float, Gangway Construction														230														
Barge Crane	1	702	16,214	287	3,316	0	1,685,507	1.55	35.75	0.63	7.31	0.00	3,715.91		356.05	8221.59	145.66	139.83	1681.53	0.00	854658.81	381.5441	1.141196	26.35126	0.466853	0.448179	5.389533	0
Excavator Barge	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0	0	0	0	0
Flat Deck Barges	3	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0	0	0	0	0
Tugboats	2	1,517	35,037	621	7,166	0	3,642,174	3.35	77.24	1.37	15.80	0.00	8,029.62		769.39	17765.85	314.75	302.16	3633.59	0.00	1846812.36	824.4698	2.465985	56.94183	1.008812	0.96846	11.64612	0
Crew Boats	1	440	9,530	180	2,322	0	1,057,218	0.97	21.01	0.40	5.12	0.00	2,330.77		223.33	4832.07	91.36	87.71	1177.29	0.00	536076.32	239.3198	0.715804	15.4874	0.292829	0.281116	3.77337	0
Skiff	2	39	905	16	185	0	94,104	0.09	2.00	0.04	0.41	0.00	207.46		19.88	459.02	8.13	7.81	93.88	0.00	47716.68	21.30209	0.063714	1.471224	0.026065	0.025022	0.300904	0
Dump Scow	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0	0	0	0	0
Amenities														95														
Barge Crane	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0	0	0	0	0
Excavator Barge	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0	0	0	0	0
Flat Deck Barges	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0	0	0	0	0
Tugboats	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0	0	0	0	0
Crew Boats	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0	0	0	0	0
Skiff	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0	0	0	0	0
Dump Scow	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0	0	0	0	0

Berkeley Water Transportation Pier Ferry Project
Emission Factors for Water Craft

Tier 2

g/bhp Main Engines[1]

HP	**ROG**	**NOx**	**PM10**
0-24	0.21	4.57	0.19
24-49	0.21	4.57	0.19
50-99	0.18	4.02	0.17
100-174	0.22	4.76	0.09
175-799	0.22	4.76	0.09
>800	0.22	5.08	0.09

g/bhp Auxilary Engines[2]

HP	**ROG**	**NOx**	**PM10**
0-24	0.21	4.57	0.19
24-49	0.21	4.57	0.19
50-99	0.18	4.02	0.17
100-174	0.15	3.02	0.11
175-799	0.15	3.02	0.11
>800	0.22	5.08	0.09

Load Factor[3]	Main	Auxillary
Barge Crane	-	0.31
Excavator Barge	-	0.31
Flat Deck Barges	-	0.31
Tugboats	0.33	0.37
Crew Boats	0.26	0.4
Skiff	0.27	0.4
Dump Scow	0.33	0.32

Sources:

1 California Air Resources Board. *Appendix D. Tables for Emissions Reductions.* Table D-24b
2 California Air Resources Board. *Appendix D. Tables for Emissions Reductions.* Table D-25b
3 California Air Resources Board. *Appendix D. Tables for Emissions Reductions.* Table D-26b
4 https://ww2.arb.ca.gov/sites/default/files/2024-08/appendix_d_tables_for_emission_reductions.pdf

Berkeley Water Transportation Pier Ferry Project
Model Output: Off-Road Web Query (v1.1.2) Emissions Inventory

Model Output: Off-Road Web Query (v1.1.2) Emissions Inventory
Region Type: County
Region: Alameda
Calendar Year: 2025
Scenario: All Adopted Rules - Exhaust
Vehicle Classification: Off-Road Web Query Equipment Types
Units: tons/day for Emissions, gallons/year for Fuel, hours/year for Activity, Horsepower-hours/year for Horsepower-hours

365 days per year

Region	Calendar Y	Vehicle Category	Model Yea	Horsepow	Fuel	HC_tpd	ROG_tpd	TOG_tpd	CO_tpd	NOx_tpd	CO2_tpd	PM10_tpd	PM2.5_tpd	SOx_tpd	NH3_tpd	Fuel Consumption	Total_Activity_hpy	Total_Population	Horsepower_Hours_hhpy
Alameda	2025	Commercial Harbor Craft - AE - Crew/Supply	Aggregate	50	Diesel	5.15057E-05	6.23219E-05	7.41682E-05	0.000287238	0.000938338	0.151988	3.14508E-05	3.0067E-05	0	0	5146.021718	7573.835249	3.606673046	80774.95446
Alameda	2025	Commercial Harbor Craft - AE - Crew/Supply	Aggregate	600	Diesel	1.54217E-05	1.86602E-05	2.22072E-05	0.000106108	0.000416226	0.079091	7.09458E-06	6.78241E-06	0	0	2677.878628	359.6976854	3.606673046	49728.20756
Alameda	2025	Commercial Harbor Craft - AE - Dredge	Aggregate	600	Diesel	0.000223524	0.000270464	0.000321875	0.001537973	0.004602776	0.781692	0.000168713	0.000161289	0	0	26466.52967	1964.663628	1	490144.2782
Alameda	2025	Commercial Harbor Craft - AE - Tugboat-Push/Tow	Aggregate	300	Diesel	0.00029835	0.000361003	0.000429624	0.001293557	0.005972686	0.587412	0.000206701	0.000197606	0	0	19888.60736	5607.82647	3.083333333	369331.4506
Alameda	2025	Commercial Harbor Craft - AE - Work Boat	Aggregate	50	Diesel	3.65625E-05	4.42406E-05	5.265E-05	0.000194809	0.000623205	0.064614	2.58057E-05	2.46702E-05	0	0	2187.702666	2196.405758	3.068022728	34654.89116

Tons per year

Vehicle Category	Horsepower Bin	HC	ROG	TOG	Co	NOx	CO2	PM10	PM2.5	Sox	NH3	Horsepower_Hours_hhpy
Commercial Harbor Craft - AE - Crew/Supply	50	0.018799585	0.022747497	0.027071402	0.104842007	0.342493456	55.47576	0.011479545	0.010974445	0	0	80774.95446
Commercial Harbor Craft - AE - Crew/Supply	600	0.005628912	0.006810983	0.008105633	0.038729438	0.15192255	28.86839	0.00258952	0.002475581	0	0	49728.20756
Commercial Harbor Craft - AE - Dredge	600	0.081586354	0.098719488	0.117484349	0.56136019	1.680013157	285.3177	0.06158015	0.058870624	0	0	490144.2782
Commercial Harbor Craft - AE - Tugboat-Push/Tow	300	0.10889775	0.131766277	0.15681276	0.472148266	2.180030303	214.4056	0.075445875	0.072126257	0	0	369331.4506
Commercial Harbor Craft - AE - Work Boat	50	0.013345315	0.016147832	0.019217254	0.071105263	0.227469916	23.58413	0.009419069	0.00900463	0	0	34654.89116

Tons/HPh

Vehicle Category	Horsepower Bin	HC	ROG	TOG	Co	NOx	CO2	PM10	PM2.5	Sox	NH3	
Commercial Harbor Craft - AE - Crew/Supply	50	2.3274E-07	2.81616E-07	3.35146E-07	1.29795E-06	4.24009E-06	0.000687	1.42118E-07	1.35864E-07	0	0	0.956
Commercial Harbor Craft - AE - Crew/Supply	600	1.13194E-07	1.36964E-07	1.62999E-07	7.78822E-07	3.05506E-06	0.000581	5.20735E-08	4.97822E-08	0	0	0.956
Commercial Harbor Craft - AE - Dredge	600	1.66454E-07	2.01409E-07	2.39693E-07	1.1453E-06	3.42759E-06	0.000582	1.25637E-07	1.20109E-07	0	0	0.956
Commercial Harbor Craft - AE - Tugboat-Push/Tow	300	2.94851E-07	3.5677E-07	4.24585E-07	1.27839E-06	5.90264E-06	0.000581	2.04277E-07	1.95289E-07	0	0	0.956
Commercial Harbor Craft - AE - Work Boat	50	3.85092E-07	4.65961E-07	5.54532E-07	2.05181E-06	6.56386E-06	0.000681	2.71796E-07	2.59837E-07	0	0	0.956

grams/hph

Vehicle Category	Horsepower Bin	HC	ROG	TOG	Co	NOx	CO2	PM10	PM2.5	Sox	NH3	
Commercial Harbor Craft - AE - Crew/Supply	50	0.211138421	0.25547749	0.304039326	1.177482173	3.846549201	623.0491	0.128926949	0.123254163	0	0	0.956
Commercial Harbor Craft - AE - Crew/Supply	600	0.102687452	0.124251817	0.147869931	0.70653572	2.771501849	526.642	0.04724025	0.045161679	0	0	0.956
Commercial Harbor Craft - AE - Dredge	600	0.151004303	0.182715207	0.217446196	1.038994884	3.109456474	528.0809	0.113975772	0.108960838	0	0	0.956
Commercial Harbor Craft - AE - Tugboat-Push/Tow	300	0.267484333	0.323656043	0.38517744	1.159732543	5.354784222	526.642	0.185316865	0.177162923	0	0	0.956
Commercial Harbor Craft - AE - Work Boat	50	0.349349433	0.422712814	0.503063183	1.861371004	5.954635251	617.378	0.246569398	0.235720344	0	0	0.956

Berkeley Water Transportation Pier Ferry Project
Emissions associated with EV Charging Use

Cars

Estimated 2028 GHG Emissions Reductions to replace gasoline vehicles with Electric Vehicles

Project Electricity Emission Factor[1]	0.09	$MTCO_2e/MWh$	
Electric Vehicle Fuel Economy[2]	0.25	kWh/mile	
Gasoline CO_2e Emissions while Running[3]	1453	gr/mile	
Annual VMT Reduction per charging Station[4]	91,250	miles/charging station/year)	
Number of Chargers[5]	21.5	duel port charging stations (1/2 number of spaces)	
Annual VMT Reduction All Stations (based on Charge)	1,961,875	miles/year	

Conversion Factors:

2204.62	lb/MT	
1.00E-06	MT/gram	
0.001	MWh to KWh	
28.3	miles/gallon - gasoline	
203.983	lb/MWh	CO2

Increase in Electricity from Charging Stations

MT CO2e	# Stations	
45.83	21.5	
2.131628	per station	
21.5	2028	
21.5	2045	
0	stations per year	

Estimated Benefit from Installing Electric Vehicle Charging Stations.

GHG Emissions of Gasoline vehicles	2,850	$MTCO_2e/yr$
GHG Emisssions of Electric Vehicles	45	$MTCO_2e/yr$
Net Reduction in Emissions	2,805	$MTCO_2e/yr$
	490	MWh/yr
	490,468.75	kWh/year
	69,324	gallons/year

30 year Average

1,598	$MTCO_2e/yr$	17	years
392	$MTCO_2e/yr$	13	years
32258.75	MTCO2e	30	years
1075.292	MTCO2e/year		

MT CO2e	Stations	Year
45.83	21.5	2028
46.90	21.5	2029
46.90	21.5	2030
46.90	21.5	2031
46.90	21.5	2032
46.90	21.5	2033
46.90	21.5	2034
46.90	21.5	2035
46.90	21.5	2036
46.90	21.5	2037
46.90	21.5	2038
46.90	21.5	2039
46.90	21.5	2040
46.90	21.5	2041
46.90	21.5	2042
46.90	21.5	2043
46.90	21.5	2044
46.90	21.5	2045
609.65	69	13 years
1452.70		
48.42348		

Estimated 2045 GHG Emissions Reductions to replace gasoline vehicles with Electric Vehicles

Project Electricity Emission Factor[1]	0.00	$MTCO_2e/MWh$	
Electric Vehicle Fuel Economy[2]	0.25	kWh/mile	
Gasoline CO_2e Emissions while Running[3]	200	gr/mile	
Annual VMT Reduction per charging Station[4]	91,250	miles/charging station/year	
Number of Chargers[5]	21.5	duel port charging stations (1/2 number of spaces)	
Annual VMT Reduction All Stations (based on Charge)	1,961,875	miles/year	

Estimated Benefit from Installing Electric Vehicle Charging Stations.

GHG Emissions of Gasoline vehicles	392	$MTCO_2e/yr$
GHG Emisssions of Electric Vehicles	0	$MTCO_2e/yr$
Net Reduction in Emissions	392	$MTCO_2e/yr$
	490	MWh/yr
	490,468.75	kWh/year
	69,324	gallons/year

Emissions from Electrical use for charging Stations	45.83	$MTCO_2e/yr$	2028
Average Annual Emissions from Electrical usage 2028 - 2045	46.84	$MTCO_2e/yr$	
Average Annual Emissions from electricity usage over 30 years	48.42	$MTCO_2e/yr$	
Average Annual GHG Reduction between 2028 and 2045	1,552	$MTCO_2e/yr$	Includes reduction from Electrical Use
Average Annual GHG Reduction over 30 years operation	1,027	$MTCO_2e/yr$	Includes Reduction from Electrical Use
	30,806		

Notes:

[1] CO_2e intensity factor of 203.983 lbs/MWh from CalEEMod for 2028 PG&E forecasted

[2] National Renewable Energy Laboratory (NREL). 2018. California Plug-In Electric Vehicle Infrastructure Projections: 2017-2025 (Table C.1). Available at: https://www.nrel.gov/docs/fy18osti/70893.pdf.

[3] Obtained emission factor from CalEEMod, for 2028 and 2040

[4] Annual VMT reduction estimated based on an estimate of ten hours of charge time for a Level 2 charging station that charges at a rate of 25 driving range per hour.

[5] Number of charging stations based on Project Design

- Project would have 425-475 overall proposed parking spaces. Of which 20% (85-95) spaces would be V capabil and in addition another 10% (43-48) would have Chargers installed, for a total of 128 - 143 spaces with some EV infrastructure/charging ability in 2028. This analysis uses 43 spaces as a conservative estimate of emissions.

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CalEEMod Outputs

Berkeley WTPF Project - Operations Detailed Report

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1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	Berkeley WTPF Project - Operations
Operational Year	2028
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	3.90000
Precipitation (days)	17.0000
Location	37.865556962073796, -122.31152823274923
County	Alameda
City	Berkeley
Air District	Bay Area AQMD
Air Basin	San Francisco Bay Area
TAZ	1532
EDFZ	1
Electric Utility	Pacific Gas & Electric Company
Gas Utility	Pacific Gas & Electric
App Version	2022.1.1.37

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description
Health Club	0.14000	1000sqft	0.00321	140.000	0.00000	0.00000	—	—
Parking Lot	442.000	Space	3.97800	0.00000	0.00000	0.00000	—	—

Other Asphalt Surfaces	400.000	1000sqft	9.18274	0.00000	0.00000	0.00000	—	—

1.3. User-Selected Emission Reduction Measures by Emissions Sector

Sector	#	Measure Title
Construction	C-5	Use Advanced Engine Tiers

2. Emissions Summary

2.4. Operations Emissions Compared Against Thresholds

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

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	3.74206	3.49784	1.35967	26.6334	0.05602	0.02607	6.27509	6.30116	0.02402	1.58346	1.60748	0.44594	16,530.7	16,531.1	2.06314	0.37367	17.0388	16,711.1
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	3.65548	3.39485	1.71336	25.7030	0.05199	0.02606	6.27509	6.30115	0.02401	1.58346	1.60747	0.44594	16,122.8	16,123.3	2.10327	0.40116	0.44237	16,295.8
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	3.59387	3.34103	1.57336	24.6272	0.05234	0.02606	6.20557	6.23163	0.02401	1.56608	1.59009	0.44594	16,157.8	16,158.2	2.08628	0.39043	7.35753	16,334.1
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.65588	0.60974	0.28714	4.49446	0.00955	0.00476	1.13252	1.13727	0.00438	0.28581	0.29019	0.07383	2,675.10	2,675.18	0.34541	0.06464	1.21812	2,704.29

2.5. Operations Emissions by Sector, Unmitigated

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

Sector	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	3.64880	3.40466	1.35962	26.6273	0.05602	0.02606	6.27509	6.30115	0.02401	1.58346	1.60747	—	5,672.76	5,672.76	0.26196	0.16071	17.0381	5,744.24
Area	0.09326	0.09318	0.00005	0.00609	< 0.000005	0.00001	—	0.00001	0.00001	—	0.00001	—	0.02504	0.02504	< 0.000005	< 0.000005	—	0.02513
Energy	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	10,857.8	10,857.8	1.75656	0.21292	—	10,965.2
Water	—	—	—	—	—	—	—	—	—	—	—	0.01587	0.02997	0.04583	0.00163	0.00004	—	0.09832
Waste	—	—	—	—	—	—	—	—	—	—	—	0.43007	0.00000	0.43007	0.04298	0.00000	—	1.50468
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00067	0.00067
Total	3.74206	3.49784	1.35967	26.6334	0.05602	0.02607	6.27509	6.30116	0.02402	1.58346	1.60748	0.44594	16,530.7	16,531.1	2.06314	0.37367	17.0388	16,711.1
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	3.56331	3.30267	1.71336	25.7030	0.05199	0.02606	6.27509	6.30115	0.02401	1.58346	1.60747	—	5,264.94	5,264.94	0.30209	0.18820	0.44169	5,329.02
Area	0.09218	0.09218	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	10,857.8	10,857.8	1.75656	0.21292	—	10,965.2
Water	—	—	—	—	—	—	—	—	—	—	—	0.01587	0.02997	0.04583	0.00163	0.00004	—	0.09832
Waste	—	—	—	—	—	—	—	—	—	—	—	0.43007	0.00000	0.43007	0.04298	0.00000	—	1.50468
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00067	0.00067
Total	3.65548	3.39485	1.71336	25.7030	0.05199	0.02606	6.27509	6.30115	0.02401	1.58346	1.60747	0.44594	16,122.8	16,123.3	2.10327	0.40116	0.44237	16,295.8
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	3.50116	3.24836	1.57333	24.6242	0.05234	0.02606	6.20557	6.23162	0.02401	1.56608	1.59009	—	5,299.88	5,299.88	0.28510	0.17747	7.35686	5,367.25
Area	0.09271	0.09267	0.00003	0.00300	< 0.000005	0.00001	—	0.00001	< 0.000005	—	< 0.000005	—	0.01235	0.01235	< 0.000005	< 0.000005	—	0.01239
Energy	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	10,857.8	10,857.8	1.75656	0.21292	—	10,965.2
Water	—	—	—	—	—	—	—	—	—	—	—	0.01587	0.02997	0.04583	0.00163	0.00004	—	0.09832
Waste	—	—	—	—	—	—	—	—	—	—	—	0.43007	0.00000	0.43007	0.04298	0.00000	—	1.50468
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00067	0.00067

Total	3.59387	3.34103	1.57336	24.6272	0.05234	0.02606	6.20557	6.23163	0.02401	1.56608	1.59009	0.44594	16,157.8	16,158.2	2.08628	0.39043	7.35753	16,334.1
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.63896	0.59283	0.28713	4.49391	0.00955	0.00476	1.13252	1.13727	0.00438	0.28581	0.29019	—	877.455	877.455	0.04720	0.02938	1.21801	888.609
Area	0.01692	0.01691	< 0.000005	0.00055	< 0.000005	< 0.000005	—	< 0.000005	< 0.000005	—	< 0.000005	—	0.00204	0.00204	< 0.000005	< 0.000005	—	0.00205
Energy	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	1,797.64	1,797.64	0.29082	0.03525	—	1,815.42
Water	—	—	—	—	—	—	—	—	—	—	—	0.00263	0.00496	0.00759	0.00027	0.00001	—	0.01628
Waste	—	—	—	—	—	—	—	—	—	—	—	0.07120	0.00000	0.07120	0.00712	0.00000	—	0.24912
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00011	0.00011
Total	0.65588	0.60974	0.28714	4.49446	0.00955	0.00476	1.13252	1.13727	0.00438	0.28581	0.29019	0.07383	2,675.10	2,675.18	0.34541	0.06464	1.21812	2,704.29

2.6. Operations Emissions by Sector, Mitigated

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

Sector	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	3.64880	3.40466	1.35962	26.6273	0.05602	0.02606	6.27509	6.30115	0.02401	1.58346	1.60747	—	5,672.76	5,672.76	0.26196	0.16071	17.0381	5,744.24
Area	0.09326	0.09318	0.00005	0.00609	< 0.000005	0.00001	—	0.00001	0.00001	—	0.00001	—	0.02504	0.02504	< 0.000005	< 0.000005	—	0.02513
Energy	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	10,857.8	10,857.8	1.75656	0.21292	—	10,965.2
Water	—	—	—	—	—	—	—	—	—	—	—	0.01587	0.02997	0.04583	0.00163	0.00004	—	0.09832
Waste	—	—	—	—	—	—	—	—	—	—	—	0.43007	0.00000	0.43007	0.04298	0.00000	—	1.50468
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00067	0.00067
Total	3.74206	3.49784	1.35967	26.6334	0.05602	0.02607	6.27509	6.30116	0.02402	1.58346	1.60748	0.44594	16,530.7	16,531.1	2.06314	0.37367	17.0388	16,711.1
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	3.56331	3.30267	1.71336	25.7030	0.05199	0.02606	6.27509	6.30115	0.02401	1.58346	1.60747	—	5,264.94	5,264.94	0.30209	0.18820	0.44169	5,329.02
Area	0.09218	0.09218	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Energy	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	10,857.8	10,857.8	1.75656	0.21292	—	10,965.2
Water	—	—	—	—	—	—	—	—	—	—	—	0.01587	0.02997	0.04583	0.00163	0.00004	—	0.09832
Waste	—	—	—	—	—	—	—	—	—	—	—	0.43007	0.00000	0.43007	0.04298	0.00000	—	1.50468
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00067	0.00067
Total	3.65548	3.39485	1.71336	25.7030	0.05199	0.02606	6.27509	6.30115	0.02401	1.58346	1.60747	0.44594	16,122.8	16,123.3	2.10327	0.40116	0.44237	16,295.8
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	3.50116	3.24836	1.57333	24.6242	0.05234	0.02606	6.20557	6.23162	0.02401	1.56608	1.59009	—	5,299.88	5,299.88	0.28510	0.17747	7.35686	5,367.25
Area	0.09271	0.09267	0.00003	0.00300	< 0.000005	0.00001	—	0.00001	< 0.000005	—	< 0.000005	—	0.01235	0.01235	< 0.000005	< 0.000005	—	0.01239
Energy	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	10,857.8	10,857.8	1.75656	0.21292	—	10,965.2
Water	—	—	—	—	—	—	—	—	—	—	—	0.01587	0.02997	0.04583	0.00163	0.00004	—	0.09832
Waste	—	—	—	—	—	—	—	—	—	—	—	0.43007	0.00000	0.43007	0.04298	0.00000	—	1.50468
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00067	0.00067
Total	3.59387	3.34103	1.57336	24.6272	0.05234	0.02606	6.20557	6.23163	0.02401	1.56608	1.59009	0.44594	16,157.8	16,158.2	2.08628	0.39043	7.35753	16,334.1
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.63896	0.59283	0.28713	4.49391	0.00955	0.00476	1.13252	1.13727	0.00438	0.28581	0.29019	—	877.455	877.455	0.04720	0.02938	1.21801	888.609
Area	0.01692	0.01691	< 0.000005	0.00055	< 0.000005	< 0.000005	—	< 0.000005	< 0.000005	—	< 0.000005	—	0.00204	0.00204	< 0.000005	< 0.000005	—	0.00205
Energy	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	1,797.64	1,797.64	0.29082	0.03525	—	1,815.42
Water	—	—	—	—	—	—	—	—	—	—	—	0.00263	0.00496	0.00759	0.00027	0.00001	—	0.01628
Waste	—	—	—	—	—	—	—	—	—	—	—	0.07120	0.00000	0.07120	0.00712	0.00000	—	0.24912
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00011	0.00011
Total	0.65588	0.60974	0.28714	4.49446	0.00955	0.00476	1.13252	1.13727	0.00438	0.28581	0.29019	0.07383	2,675.10	2,675.18	0.34541	0.06464	1.21812	2,704.29

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Health Club	3.64880	3.40466	1.35962	26.6273	0.05602	0.02606	6.27509	6.30115	0.02401	1.58346	1.60747	—	5,672.76	5,672.76	0.26196	0.16071	17.0381	5,744.24
Parking Lot	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Other Asphalt Surfaces	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Total	3.64880	3.40466	1.35962	26.6273	0.05602	0.02606	6.27509	6.30115	0.02401	1.58346	1.60747	—	5,672.76	5,672.76	0.26196	0.16071	17.0381	5,744.24
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Health Club	3.56331	3.30267	1.71336	25.7030	0.05199	0.02606	6.27509	6.30115	0.02401	1.58346	1.60747	—	5,264.94	5,264.94	0.30209	0.18820	0.44169	5,329.02
Parking Lot	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Other Asphalt Surfaces	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Total	3.56331	3.30267	1.71336	25.7030	0.05199	0.02606	6.27509	6.30115	0.02401	1.58346	1.60747	—	5,264.94	5,264.94	0.30209	0.18820	0.44169	5,329.02
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Health Club	0.63896	0.59283	0.28713	4.49391	0.00955	0.00476	1.13252	1.13727	0.00438	0.28581	0.29019	—	877.455	877.455	0.04720	0.02938	1.21801	888.609
Parking Lot	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Other Asphalt Surfaces	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

Total	0.63896	0.59283	0.28713	4.49391	0.00955	0.00476	1.13252	1.13727	0.00438	0.28581	0.29019	—	877.455	877.455	0.04720	0.02938	1.21801	888.609

4.1.2. Mitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Health Club	3.64880	3.40466	1.35962	26.6273	0.05602	0.02606	6.27509	6.30115	0.02401	1.58346	1.60747	—	5,672.76	5,672.76	0.26196	0.16071	17.0381	5,744.24
Parking Lot	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Other Asphalt Surfaces	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Total	3.64880	3.40466	1.35962	26.6273	0.05602	0.02606	6.27509	6.30115	0.02401	1.58346	1.60747	—	5,672.76	5,672.76	0.26196	0.16071	17.0381	5,744.24
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Health Club	3.56331	3.30267	1.71336	25.7030	0.05199	0.02606	6.27509	6.30115	0.02401	1.58346	1.60747	—	5,264.94	5,264.94	0.30209	0.18820	0.44169	5,329.02
Parking Lot	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Other Asphalt Surfaces	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Total	3.56331	3.30267	1.71336	25.7030	0.05199	0.02606	6.27509	6.30115	0.02401	1.58346	1.60747	—	5,264.94	5,264.94	0.30209	0.18820	0.44169	5,329.02
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Health Club	0.63896	0.59283	0.28713	4.49391	0.00955	0.00476	1.13252	1.13727	0.00438	0.28581	0.29019	—	877.455	877.455	0.04720	0.02938	1.21801	888.609
Parking Lot	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

Other Asphalt Surfaces	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Total	0.63896	0.59283	0.28713	4.49391	0.00955	0.00476	1.13252	1.13727	0.00438	0.28581	0.29019	—	877.455	877.455	0.04720	0.02938	1.21801	888.609

4.2. Energy

4.2.1. Electricity Emissions By Land Use - Unmitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Health Club	—	—	—	—	—	—	—	—	—	—	—	—	10,773.0	10,773.0	1.74284	0.21125	—	10,879.5
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	84.8316	84.8316	0.01372	0.00166	—	85.6705
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	—	—	—	—	—	—	—	—	—	—	—	—	10,857.8	10,857.8	1.75656	0.21292	—	10,965.2
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Health Club	—	—	—	—	—	—	—	—	—	—	—	—	10,773.0	10,773.0	1.74284	0.21125	—	10,879.5
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	84.8316	84.8316	0.01372	0.00166	—	85.6705
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	—	—	—	—	—	—	—	—	—	—	—	—	10,857.8	10,857.8	1.75656	0.21292	—	10,965.2
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Health Club	—	—	—	—	—	—	—	—	—	—	—	—	1,783.60	1,783.60	0.28855	0.03498	—	1,801.23
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	14.0448	14.0448	0.00227	0.00028	—	14.1837
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	—	—	—	—	—	—	—	—	—	—	—	—	1,797.64	1,797.64	0.29082	0.03525	—	1,815.42

4.2.2. Electricity Emissions By Land Use - Mitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Health Club	—	—	—	—	—	—	—	—	—	—	—	—	10,773.0	10,773.0	1.74284	0.21125	—	10,879.5
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	84.8316	84.8316	0.01372	0.00166	—	85.6705
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	—	—	—	—	—	—	—	—	—	—	—	—	10,857.8	10,857.8	1.75656	0.21292	—	10,965.2
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Health Club	—	—	—	—	—	—	—	—	—	—	—	—	10,773.0	10,773.0	1.74284	0.21125	—	10,879.5
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	84.8316	84.8316	0.01372	0.00166	—	85.6705
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	—	0.00000

Total	—	—	—	—	—	—	—	—	—	—	—	—	10,857.8	10,857.8	1.75656	0.21292	—	10,965.2
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Health Club	—	—	—	—	—	—	—	—	—	—	—	—	1,783.60	1,783.60	0.28855	0.03498	—	1,801.23
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	14.0448	14.0448	0.00227	0.00028	—	14.1837
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	—	—	—	—	—	—	—	—	—	—	—	—	1,797.64	1,797.64	0.29082	0.03525	—	1,815.42

4.2.3. Natural Gas Emissions By Land Use - Unmitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Health Club	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Parking Lot	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Other Asphalt Surfaces	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Health Club	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Parking Lot	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000

Other Asphalt Surfaces	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Health Club	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Parking Lot	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Other Asphalt Surfaces	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000

4.2.4. Natural Gas Emissions By Land Use - Mitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Health Club	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Parking Lot	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Other Asphalt Surfaces	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Health Club	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000

Parking Lot	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Other Asphalt Surfaces	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Health Club	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Parking Lot	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Other Asphalt Surfaces	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000

4.3. Area Emissions by Source

4.3.1. Unmitigated

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

Source	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	0.04808	0.04808	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.04409	0.04409	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Landscape Equipment	0.00108	0.00100	0.00005	0.00609	< 0.000005	0.00001	—	0.00001	0.00001	—	0.00001	—	0.02504	0.02504	< 0.000005	< 0.000005	—	0.02513
Total	0.09326	0.09318	0.00005	0.00609	< 0.000005	0.00001	—	0.00001	0.00001	—	0.00001	—	0.02504	0.02504	< 0.000005	< 0.000005	—	0.02513
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	0.04808	0.04808	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.04409	0.04409	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	0.09218	0.09218	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	0.00878	0.00878	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.00805	0.00805	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.00010	0.00009	< 0.000005	0.00055	< 0.000005	< 0.000005	—	< 0.000005	< 0.000005	—	< 0.000005	—	0.00204	0.00204	< 0.000005	< 0.000005	—	0.00205
Total	0.01692	0.01691	< 0.000005	0.00055	< 0.000005	< 0.000005	—	< 0.000005	< 0.000005	—	< 0.000005	—	0.00204	0.00204	< 0.000005	< 0.000005	—	0.00205

4.3.2. Mitigated

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

Source	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	0.04808	0.04808	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.04409	0.04409	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.00108	0.00100	0.00005	0.00609	< 0.000005	0.00001	—	0.00001	0.00001	—	0.00001	—	0.02504	0.02504	< 0.000005	< 0.000005	—	0.02513
Total	0.09326	0.09318	0.00005	0.00609	< 0.000005	0.00001	—	0.00001	0.00001	—	0.00001	—	0.02504	0.02504	< 0.000005	< 0.000005	—	0.02513
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	0.04808	0.04808	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.04409	0.04409	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	0.09218	0.09218	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	0.00878	0.00878	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Architectural Coatings	0.00805	0.00805	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.00010	0.00009	< 0.000005	0.00055	< 0.000005	< 0.000005	—	< 0.000005	< 0.000005	—	< 0.000005	—	0.00204	0.00204	< 0.000005	< 0.000005	—	0.00205
Total	0.01692	0.01691	< 0.000005	0.00055	< 0.000005	< 0.000005	—	< 0.000005	< 0.000005	—	< 0.000005	—	0.00204	0.00204	< 0.000005	< 0.000005	—	0.00205

4.4. Water Emissions by Land Use

4.4.1. Unmitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Health Club	—	—	—	—	—	—	—	—	—	—	—	0.01587	0.02997	0.04583	0.00163	0.00004	—	0.09832
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	—	—	—	—	—	—	—	—	—	—	—	0.01587	0.02997	0.04583	0.00163	0.00004	—	0.09832
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Health Club	—	—	—	—	—	—	—	—	—	—	—	0.01587	0.02997	0.04583	0.00163	0.00004	—	0.09832
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000

Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	—	—	—	—	—	—	—	—	—	—	—	0.01587	0.02997	0.04583	0.00163	0.00004	—	0.09832
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Health Club	—	—	—	—	—	—	—	—	—	—	—	0.00263	0.00496	0.00759	0.00027	0.00001	—	0.01628
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	—	—	—	—	—	—	—	—	—	—	—	0.00263	0.00496	0.00759	0.00027	0.00001	—	0.01628

4.4.2. Mitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Health Club	—	—	—	—	—	—	—	—	—	—	—	0.01587	0.02997	0.04583	0.00163	0.00004	—	0.09832
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	—	—	—	—	—	—	—	—	—	—	—	0.01587	0.02997	0.04583	0.00163	0.00004	—	0.09832
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Health Club	—	—	—	—	—	—	—	—	—	—	—	0.01587	0.02997	0.04583	0.00163	0.00004	—	0.09832

Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	—	—	—	—	—	—	—	—	—	—	—	0.01587	0.02997	0.04583	0.00163	0.00004	—	0.09832
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Health Club	—	—	—	—	—	—	—	—	—	—	—	0.00263	0.00496	0.00759	0.00027	0.00001	—	0.01628
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	—	—	—	—	—	—	—	—	—	—	—	0.00263	0.00496	0.00759	0.00027	0.00001	—	0.01628

4.5. Waste Emissions by Land Use

4.5.1. Unmitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Health Club	—	—	—	—	—	—	—	—	—	—	—	0.43007	0.00000	0.43007	0.04298	0.00000	—	1.50468
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	—	—	—	—	—	—	—	—	—	—	—	0.43007	0.00000	0.43007	0.04298	0.00000	—	1.50468

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Health Club	—	—	—	—	—	—	—	—	—	—	—	0.43007	0.00000	0.43007	0.04298	0.00000	—	1.50468
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	—	—	—	—	—	—	—	—	—	—	—	0.43007	0.00000	0.43007	0.04298	0.00000	—	1.50468
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Health Club	—	—	—	—	—	—	—	—	—	—	—	0.07120	0.00000	0.07120	0.00712	0.00000	—	0.24912
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	—	—	—	—	—	—	—	—	—	—	—	0.07120	0.00000	0.07120	0.00712	0.00000	—	0.24912

4.5.2. Mitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Health Club	—	—	—	—	—	—	—	—	—	—	—	0.43007	0.00000	0.43007	0.04298	0.00000	—	1.50468
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000

Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	—	—	—	—	—	—	—	—	—	—	—	0.43007	0.00000	0.43007	0.04298	0.00000	—	1.50468
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Health Club	—	—	—	—	—	—	—	—	—	—	—	0.43007	0.00000	0.43007	0.04298	0.00000	—	1.50468
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	—	—	—	—	—	—	—	—	—	—	—	0.43007	0.00000	0.43007	0.04298	0.00000	—	1.50468
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Health Club	—	—	—	—	—	—	—	—	—	—	—	0.07120	0.00000	0.07120	0.00712	0.00000	—	0.24912
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	—	—	—	—	—	—	—	—	—	—	—	0.07120	0.00000	0.07120	0.00712	0.00000	—	0.24912

4.6. Refrigerant Emissions by Land Use

4.6.1. Unmitigated

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

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

Health Club	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00067	0.00067
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00067	0.00067
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Health Club	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00067	0.00067
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00067	0.00067
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Health Club	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00011	0.00011
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00011	0.00011

4.6.2. Mitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Health Club	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00067	0.00067
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00067	0.00067
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Health Club	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00067	0.00067
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00067	0.00067
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Health Club	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00011	0.00011

Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00011	0.00011

4.7. Offroad Emissions By Equipment Type

4.7.1. Unmitigated

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

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

4.7.2. Mitigated

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

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

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.8. Stationary Emissions By Equipment Type

4.8.1. Unmitigated

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

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

4.8.2. Mitigated

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

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

Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.9. User Defined Emissions By Equipment Type

4.9.1. Unmitigated

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

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

4.9.2. Mitigated

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

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

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

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

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

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

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

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

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

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

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

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

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

Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.4. Soil Carbon Accumulation By Vegetation Type - Mitigated

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

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

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

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

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

4.10.6. Avoided and Sequestered Emissions by Species - Mitigated

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

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

Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

5. Activity Data

5.9. Operational Mobile Sources

5.9.1. Unmitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
Health Club	1,126.69	1,126.69	1,126.69	411,241	9,013.50	9,013.50	9,013.50	3,289,926
Parking Lot	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Other Asphalt Surfaces	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

5.9.2. Mitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
Health Club	1,126.69	1,126.69	1,126.69	411,241	9,013.50	9,013.50	9,013.50	3,289,926
Parking Lot	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Other Asphalt Surfaces	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

5.10. Operational Area Sources

5.10.1. Hearths

Land Use	Hearth Type	Unmitigated (number)	Mitigated (number)
Health Club	Wood Fireplaces	0	0
Health Club	Gas Fireplaces	0	0
Health Club	Propane Fireplaces	0	0
Health Club	Electric Fireplaces	0	0
Health Club	No Fireplaces	0	0
Health Club	Conventional Wood Stoves	0	0
Health Club	Catalytic Wood Stoves	0	0
Health Club	Non-Catalytic Wood Stoves	0	0
Health Club	Pellet Wood Stoves	0	0
Parking Lot	Wood Fireplaces	0	0
Parking Lot	Gas Fireplaces	0	0
Parking Lot	Propane Fireplaces	0	0
Parking Lot	Electric Fireplaces	0	0
Parking Lot	No Fireplaces	0	0
Parking Lot	Conventional Wood Stoves	0	0
Parking Lot	Catalytic Wood Stoves	0	0
Parking Lot	Non-Catalytic Wood Stoves	0	0

Parking Lot	Pellet Wood Stoves	0	0
Other Asphalt Surfaces	Wood Fireplaces	0	0
Other Asphalt Surfaces	Gas Fireplaces	0	0
Other Asphalt Surfaces	Propane Fireplaces	0	0
Other Asphalt Surfaces	Electric Fireplaces	0	0
Other Asphalt Surfaces	No Fireplaces	0	0
Other Asphalt Surfaces	Conventional Wood Stoves	0	0
Other Asphalt Surfaces	Catalytic Wood Stoves	0	0
Other Asphalt Surfaces	Non-Catalytic Wood Stoves	0	0
Other Asphalt Surfaces	Pellet Wood Stoves	0	0

5.10.2. Architectural Coatings

Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
0.00000	0.00000	210.000	70.0000	34,396.9

5.10.3. Landscape Equipment

Season	Unit	Value
Snow Days	day/yr	0.00000
Summer Days	day/yr	180.000

5.10.4. Landscape Equipment - Mitigated

Season	Unit	Value
Snow Days	day/yr	0.00000
Summer Days	day/yr	180.000

5.11. Operational Energy Consumption

5.11.1. Unmitigated

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

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
Health Club	19,276,851	203.983	0.0330	0.0040	0.00000
Parking Lot	151,795	203.983	0.0330	0.0040	0.00000
Other Asphalt Surfaces	0.00000	203.983	0.0330	0.0040	0.00000

5.11.2. Mitigated

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

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
Health Club	19,276,851	203.983	0.0330	0.0040	0.00000
Parking Lot	151,795	203.983	0.0330	0.0040	0.00000
Other Asphalt Surfaces	0.00000	203.983	0.0330	0.0040	0.00000

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
Health Club	8,280.04	0.00000
Parking Lot	0.00000	0.00000
Other Asphalt Surfaces	0.00000	0.00000

5.12.2. Mitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
Health Club	8,280.04	0.00000
Parking Lot	0.00000	0.00000
Other Asphalt Surfaces	0.00000	0.00000

5.13. Operational Waste Generation

5.13.1. Unmitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
Health Club	0.79800	0.00000
Parking Lot	0.00000	0.00000
Other Asphalt Surfaces	0.00000	0.00000

5.13.2. Mitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
Health Club	0.79800	0.00000
Parking Lot	0.00000	0.00000
Other Asphalt Surfaces	0.00000	0.00000

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

Land Use	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced
Health Club	Other commercial A/C and heat pumps	R-410A	2,088.00	0.00180	4.00000	4.00000	18.0000
Health Club	Stand-alone retail refrigerators and freezers	R-134a	1,430.00	0.03750	1.000000	0.00000	1.000000

5.14.2. Mitigated

Land Use	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced
Health Club	Other commercial A/C and heat pumps	R-410A	2,088.00	0.00180	4.00000	4.00000	18.0000

Health Club	Stand-alone retail refrigerators and freezers	R-134a	1,430.00	0.03750	1.000000	0.00000	1.000000

5.15. Operational Off-Road Equipment

5.15.1. Unmitigated

5.15.2. Mitigated

5.16. Stationary Sources

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5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1.2. Mitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.1.2. Mitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.2. Sequestration

5.18.2.1. Unmitigated

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

5.18.2.2. Mitigated

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

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

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

Climate Hazard	Result for Project Location	Unit
Temperature and Extreme Heat	7.10000	annual days of extreme heat
Extreme Precipitation	7.50000	annual days with precipitation above 20 mm
Sea Level Rise	—	meters of inundation depth
Wildfire	0.00000	annual hectares burned

Temperature and Extreme Heat data are for grid cell in which your project are located. The projection is based on the 98th historical percentile of daily maximum/minimum temperatures from observed historical data (32 climate model ensemble from Cal-Adapt, 2040–2059 average under RCP 8.5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Extreme Precipitation data are for the grid cell in which your project are located. The threshold of 20 mm is equivalent to about ¾ an inch of rain, which would be light to moderate rainfall if received over a full day or heavy rain if received over a period of 2 to 4 hours. Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

Sea Level Rise data are for the grid cell in which your project are located. The projections are from Radke et al. (2017), as reported in Cal-Adapt (Radke et al., 2017, CEC-500-2017-008), and consider inundation location and depth for the San Francisco Bay, the Sacramento-San Joaquin River Delta and California coast resulting different increments of sea level rise coupled with extreme storm events. Users may select from four scenarios to view the range in potential inundation depth for the grid cell. The four scenarios are: No rise, 0.5 meter, 1.0 meter, 1.41 meters
Wildfire data are for the grid cell in which your project are located. The projections are from UC Davis, as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider historical data of climate, vegetation, population density, and large (> 400 ha) fire history. Users may select from four model simulations to view the range in potential wildfire probabilities for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

6.2. Initial Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	N/A	N/A	N/A	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	N/A	N/A	N/A	N/A
Wildfire	N/A	N/A	N/A	N/A
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	N/A	N/A	N/A	N/A

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores do not include implementation of climate risk reduction measures.

6.3. Adjusted Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	N/A	N/A	N/A	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	N/A	N/A	N/A	N/A
Wildfire	N/A	N/A	N/A	N/A
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A

Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	N/A	N/A	N/A	N/A

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores include implementation of climate risk reduction measures.

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Exposure Indicators	—
AQ-Ozone	—
AQ-PM	—
AQ-DPM	—
Drinking Water	—
Lead Risk Housing	—
Pesticides	—
Toxic Releases	—
Traffic	—
Effect Indicators	—
CleanUp Sites	—
Groundwater	—
Haz Waste Facilities/Generators	—
Impaired Water Bodies	—
Solid Waste	—

Sensitive Population	—
Asthma	—
Cardio-vascular	—
Low Birth Weights	—
Socioeconomic Factor Indicators	—
Education	—
Housing	—
Linguistic	—
Poverty	—
Unemployment	—

7.2. Healthy Places Index Scores

The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Economic	—
Above Poverty	38.14962146
Employed	54.83125882
Median HI	49.50596689
Education	—
Bachelor's or higher	87.48877197
High school enrollment	100
Preschool enrollment	89.32375209
Transportation	—
Auto Access	21.89144104
Active commuting	95.983575
Social	—
2-parent households	21.35249583
Voting	58.28307455

Neighborhood	—
Alcohol availability	33.79956371
Park access	81.35506224
Retail density	94.80302836
Supermarket access	85.8462723
Tree canopy	44.66829206
Housing	—
Homeownership	12.81919672
Housing habitability	45.96432696
Low-inc homeowner severe housing cost burden	53.31707943
Low-inc renter severe housing cost burden	74.69523932
Uncrowded housing	34.89028615
Health Outcomes	—
Insured adults	76.54305146
Arthritis	26.6
Asthma ER Admissions	14.1
High Blood Pressure	32.4
Cancer (excluding skin)	40.8
Asthma	21.6
Coronary Heart Disease	51.0
Chronic Obstructive Pulmonary Disease	35.3
Diagnosed Diabetes	47.0
Life Expectancy at Birth	57.1
Cognitively Disabled	6.9
Physically Disabled	30.9
Heart Attack ER Admissions	62.3
Mental Health Not Good	44.5
Chronic Kidney Disease	55.3

Obesity	34.3
Pedestrian Injuries	99.9
Physical Health Not Good	45.1
Stroke	29.9
Health Risk Behaviors	—
Binge Drinking	68.3
Current Smoker	47.6
No Leisure Time for Physical Activity	59.9
Climate Change Exposures	—
Wildfire Risk	0.0
SLR Inundation Area	33.2
Children	0.4
Elderly	77.9
English Speaking	98.1
Foreign-born	21.5
Outdoor Workers	83.2
Climate Change Adaptive Capacity	—
Impervious Surface Cover	9.5
Traffic Density	94.5
Traffic Access	68.4
Other Indices	—
Hardship	61.1
Other Decision Support	—
2016 Voting	47.8

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	—

Healthy Places Index Score for Project Location (b)	76.0000
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	Yes
Project Located in a Low-Income Community (Assembly Bill 1550)	No
Project Located in a Community Air Protection Program Community (Assembly Bill 617)	No

a: The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.
b: The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

7.4. Health & Equity Measures

No Health & Equity Measures selected.

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

8. User Changes to Default Data

8.1. Justifications

Screen	Justification
Construction: Construction Phases	Uses one workday as a multiplier for construction activity duration provided by applicant. See Construction Duration by Phase worksheet or Project Description. Added Architectural Coating activity to account for emissions from painting
Construction: Off-Road Equipment	based on data provided by client
Construction: Architectural Coatings	based on land use data for restrooms and parking area
Operations: Vehicle Data	1,127 trips per day based on data provided by client. VMT of 8 miles based on Kittlson
Operations: Fleet Mix	Assumes that fleet mix will be mainly passenger vehicles and buses
Operations: Energy Use	All Electric project. Electric Ferry energy consumption based on a total of 4.4MW with 12 hours of operation and 365 days per year. See energy calculations in assumptions worksheet.

8.5. Operations

8.5.1. Mobile Sources

8.5.1.1. Vehicle Data

Land Use	Model Parameter	Units	Default Value	New Value
Health Club	Weekday Trip Rate	size/day	32.9300	8,047.76
Health Club	Saturday Trip Rate	size/day	20.8700	8,047.76
Health Club	Sunday Trip Rate	size/day	26.7300	8,047.76
Health Club	Non-Res H-W Trip Length	miles	12.7348	8.00000
Health Club	Non-Res W-O Trip Length	miles	8.00914	8.00000
Health Club	Non-Res O-O Trip Length	miles	4.59421	8.00000

8.5.1.2. Fleet Mix

Land Use	Season	Model Parameter	Units	Default Value	New Value
Health Club	A	Heavy-Heavy-Duty Trucks	%	1%	0%
Health Club	A	Passenger Cars	%	52%	64%
Health Club	A	Light-Duty Trucks 1	%	4%	5%
Health Club	A	Light-Duty Trucks 2	%	23%	28%
Health Club	A	Light Heavy-Duty Trucks 1	%	2%	0%
Health Club	A	Light Heavy-Duty Trucks 2	%	1%	0%
Health Club	A	Motorcycles	%	2%	3%
Health Club	A	Medium-Duty Trucks	%	13%	0%
Health Club	A	Motor Homes	%	< 0.5%	0%
Health Club	A	Medium-Heavy-Duty Trucks	%	1%	0%
Health Club	A	Other Buses	%	< 0.5%	< 0.5%
Health Club	A	School Buses	%	< 0.5%	< 0.5%
Health Club	A	Urban Buses	%	< 0.5%	< 0.5%
Health Club	S	Heavy-Heavy-Duty Trucks	%	1%	0%
Health Club	S	Passenger Cars	%	52%	64%

Health Club	S	Light-Duty Trucks 1	%	4%	5%
Health Club	S	Light-Duty Trucks 2	%	23%	28%
Health Club	S	Light Heavy-Duty Trucks 1	%	2%	0%
Health Club	S	Light Heavy-Duty Trucks 2	%	1%	0%
Health Club	S	Motorcycles	%	2%	3%
Health Club	S	Medium-Duty Trucks	%	13%	0%
Health Club	S	Motor Homes	%	< 0.5%	0%
Health Club	S	Medium-Heavy-Duty Trucks	%	1%	0%
Health Club	S	Other Buses	%	< 0.5%	< 0.5%
Health Club	S	School Buses	%	< 0.5%	< 0.5%
Health Club	S	Urban Buses	%	< 0.5%	< 0.5%
Health Club	W	Heavy-Heavy-Duty Trucks	%	1%	0%
Health Club	W	Passenger Cars	%	52%	64%
Health Club	W	Light-Duty Trucks 1	%	4%	5%
Health Club	W	Light-Duty Trucks 2	%	23%	28%
Health Club	W	Light Heavy-Duty Trucks 1	%	2%	0%
Health Club	W	Light Heavy-Duty Trucks 2	%	1%	0%
Health Club	W	Motorcycles	%	2%	3%
Health Club	W	Medium-Duty Trucks	%	13%	0%
Health Club	W	Motor Homes	%	< 0.5%	0%
Health Club	W	Medium-Heavy-Duty Trucks	%	1%	0%
Health Club	W	Other Buses	%	< 0.5%	< 0.5%
Health Club	W	School Buses	%	< 0.5%	< 0.5%
Health Club	W	Urban Buses	%	< 0.5%	< 0.5%

8.5.3. Energy Usage

Land Use	Model Parameter	Units	Default Value	New Value
Health Club	Electricity	kWh/yr	1,527.42	19,276,851

Health Club	Electricity (Subject to Title 24)	kWh/yr	675.291	19,274,110
Health Club	Electricity (Not Subject to Title 24)	kWh/yr	852.129	2,741.00
Health Club	Natural Gas	kBTU/yr	6,130.47	0.00000
Health Club	Natural Gas (Subject to Title 24)	kBTU/yr	2,592.19	0.00000
Health Club	Natural Gas (Not Subject to Title 24)	kBTU/yr	3,538.28	0.00000

Berkeley WTPF Project - Demo and Soil Haul Detailed Report

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1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	Berkeley WTPF Project - Demo and Soil Haul
Construction Start Date	4/1/2027
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	3.90000
Precipitation (days)	17.0000
Location	37.865556962073796, -122.31152823274923
County	Alameda
City	Berkeley
Air District	Bay Area AQMD
Air Basin	San Francisco Bay Area
TAZ	1532
EDFZ	1
Electric Utility	Pacific Gas & Electric Company
Gas Utility	Pacific Gas & Electric
App Version	2022.1.1.37

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description
Health Club	0.14000	1000sqft	0.00321	140.000	0.00000	0.00000	—	—
Parking Lot	442.000	Space	3.97800	0.00000	0.00000	0.00000	—	—

Other Asphalt Surfaces	400.000	1000sqft	9.18274	0.00000	0.00000	0.00000	—	—

1.3. User-Selected Emission Reduction Measures by Emissions Sector

No measures selected

2. Emissions Summary

2.1. Construction Emissions Compared Against Thresholds

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

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	1.34383	0.34431	21.4138	8.80550	0.12301	0.36330	8.66512	9.02843	0.24576	1.91109	2.15685	—	17,826.1	17,826.1	0.97410	2.86430	36.1259	18,740.1
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.06545	0.01588	1.10450	0.43643	0.00615	0.01789	0.57074	0.58863	0.01202	0.11624	0.12826	—	892.310	892.310	0.04876	0.14351	0.78080	937.078
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.01194	0.00290	0.20157	0.07965	0.00112	0.00326	0.10416	0.10742	0.00219	0.02121	0.02341	—	147.732	147.732	0.00807	0.02376	0.12927	155.144

2.2. Construction Emissions by Year, Unmitigated

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

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2027	1.34383	0.34431	21.4138	8.80550	0.12301	0.36330	8.66512	9.02843	0.24576	1.91109	2.15685	—	17,826.1	17,826.1	0.97410	2.86430	36.1259	18,740.1

Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2027	0.06545	0.01588	1.10450	0.43643	0.00615	0.01789	0.57074	0.58863	0.01202	0.11624	0.12826	—	892.310	892.310	0.04876	0.14351	0.78080	937.078
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2027	0.01194	0.00290	0.20157	0.07965	0.00112	0.00326	0.10416	0.10742	0.00219	0.02121	0.02341	—	147.732	147.732	0.00807	0.02376	0.12927	155.144

3. Construction Emissions Details

3.1. University Avenue Demolition (2027) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Demolition	—	—	—	—	—	—	0.86096	0.86096	—	0.13037	0.13037	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Demolition	—	—	—	—	—	—	0.04718	0.04718	—	0.00714	0.00714	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Demoliti	—	—	—	—	—	—	0.00861	0.00861	—	0.00130	0.00130	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.07260	0.01675	1.18814	0.47992	0.00690	0.01971	0.27625	0.29596	0.01314	0.07563	0.08877	—	1,003.18	1,003.18	0.05486	0.16162	2.03867	1,054.75
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00394	0.00090	0.06755	0.02642	0.00038	0.00108	0.01501	0.01609	0.00072	0.00411	0.00483	—	54.9816	54.9816	0.00301	0.00886	0.04818	57.7439
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00072	0.00016	0.01233	0.00482	0.00007	0.00020	0.00274	0.00294	0.00013	0.00075	0.00088	—	9.10282	9.10282	0.00050	0.00147	0.00798	9.56016

3.3. Seawall Drive Demolition (2027) - Unmitigated

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

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

Demolition	—	—	—	—	—	—	0.13505	0.13505	—	0.02045	0.02045	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Demolition	—	—	—	—	—	—	0.01110	0.01110	—	0.00168	0.00168	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Demolition	—	—	—	—	—	—	0.00203	0.00203	—	0.00031	0.00031	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.01137	0.00262	0.18606	0.07516	0.00108	0.00309	0.04326	0.04635	0.00206	0.01184	0.01390	—	157.098	157.098	0.00859	0.02531	0.31925	165.174
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00093	0.00021	0.01587	0.00621	0.00009	0.00025	0.00353	0.00378	0.00017	0.00097	0.00114	—	12.9151	12.9151	0.00071	0.00208	0.01132	13.5640
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00017	0.00004	0.00290	0.00113	0.00002	0.00005	0.00064	0.00069	0.00003	0.00018	0.00021	—	2.13825	2.13825	0.00012	0.00034	0.00187	2.24567

3.5. Parking Lot Demolition (2027) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Demolition	—	—	—	—	—	—	1.31677	1.31677	—	0.19940	0.19940	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Demolition	—	—	—	—	—	—	0.10823	0.10823	—	0.01639	0.01639	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Demolition	—	—	—	—	—	—	0.01975	0.01975	—	0.00299	0.00299	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.11092	0.02560	1.81544	0.73330	0.01054	0.03012	0.42209	0.45221	0.02008	0.11556	0.13564	—	1,532.83	1,532.83	0.08382	0.24694	3.11501	1,611.63
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00903	0.00206	0.15482	0.06056	0.00087	0.00248	0.03440	0.03688	0.00165	0.00943	0.01108	—	126.015	126.015	0.00689	0.02030	0.11043	132.346
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00165	0.00038	0.02826	0.01105	0.00016	0.00045	0.00628	0.00673	0.00030	0.00172	0.00202	—	20.8632	20.8632	0.00114	0.00336	0.01828	21.9114

3.7. Bay Trail Demolition (2027) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Demolition	—	—	—	—	—	—	0.17219	0.17219	—	0.02607	0.02607	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Demoliti	—	—	—	—	—	—	0.01415	0.01415	—	0.00214	0.00214	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Demolition	—	—	—	—	—	—	0.00258	0.00258	—	0.00039	0.00039	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.01462	0.00337	0.23922	0.09663	0.00139	0.00397	0.05562	0.05959	0.00265	0.01523	0.01787	—	201.983	201.983	0.01105	0.03254	0.41047	212.367
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00119	0.00027	0.02040	0.00798	0.00011	0.00033	0.00453	0.00486	0.00022	0.00124	0.00146	—	16.6052	16.6052	0.00091	0.00267	0.01455	17.4394
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00022	0.00005	0.00372	0.00146	0.00002	0.00006	0.00083	0.00089	0.00004	0.00023	0.00027	—	2.74917	2.74917	0.00015	0.00044	0.00241	2.88730

3.9. Plaza Demolition (2027) - Unmitigated

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

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

Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Demolition	—	—	—	—	—	—	0.21271	0.21271	—	0.03221	0.03221	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Demolition	—	—	—	—	—	—	0.00583	0.00583	—	0.00088	0.00088	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Demolition	—	—	—	—	—	—	0.00106	0.00106	—	0.00016	0.00016	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.01803	0.00416	0.29504	0.11918	0.00171	0.00489	0.06860	0.07349	0.00326	0.01878	0.02204	—	249.112	249.112	0.01362	0.04013	0.50625	261.919
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00049	0.00011	0.00839	0.00328	0.00005	0.00013	0.00186	0.00200	0.00009	0.00051	0.00060	—	6.82657	6.82657	0.00037	0.00110	0.00598	7.16954
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00009	0.00002	0.00153	0.00060	0.00001	0.00002	0.00034	0.00036	0.00002	0.00009	0.00011	—	1.13022	1.13022	0.00006	0.00018	0.00099	1.18700

3.11. Pier Demolition (2027) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Demolition	—	—	—	—	—	—	1.01290	1.01290	—	0.15338	0.15338	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Demolition	—	—	—	—	—	—	0.13875	0.13875	—	0.02101	0.02101	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Demolition	—	—	—	—	—	—	0.02532	0.02532	—	0.00383	0.00383	—	—	—	—	—	—	—

Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.08526	0.01968	1.39547	0.56367	0.00810	0.02315	0.32445	0.34760	0.01543	0.08883	0.10426	—	1,178.23	1,178.23	0.06443	0.18982	2.39441	1,238.80
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.01157	0.00264	0.19835	0.07758	0.00111	0.00317	0.04408	0.04725	0.00211	0.01208	0.01419	—	161.439	161.439	0.00883	0.02600	0.14148	169.550
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00211	0.00048	0.03620	0.01416	0.00020	0.00058	0.00804	0.00862	0.00039	0.00220	0.00259	—	26.7281	26.7281	0.00146	0.00431	0.02342	28.0709

3.13. University Avenue Grading (2027) - Unmitigated

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

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

Off-Road Equipment	0.05740	0.04744	0.35948	0.30110	0.00077	0.01405	—	0.01405	0.01292	—	0.01292	—	49.3135	49.3135	0.00200	0.00040	—	49.4827
Dust From Material Movement	—	—	—	—	—	—	0.00220	0.00220	—	0.00033	0.00033	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.00157	0.00130	0.00985	0.00825	0.00002	0.00038	—	0.00038	0.00035	—	0.00035	—	1.35105	1.35105	0.00005	0.00001	—	1.35569
Dust From Material Movement	—	—	—	—	—	—	0.00006	0.00006	—	0.00001	0.00001	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.00029	0.00024	0.00180	0.00151	< 0.000005	0.00007	—	0.00007	0.00006	—	0.00006	—	0.22368	0.22368	0.00001	< 0.000005	—	0.22445
Dust From Material Movement	—	—	—	—	—	—	0.00001	0.00001	—	< 0.000005	< 0.000005	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.03654	0.00843	0.59806	0.24157	0.00347	0.00992	0.13905	0.14897	0.00661	0.03807	0.04468	—	504.957	504.957	0.02761	0.08135	1.02617	530.916
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00099	0.00023	0.01700	0.00665	0.00010	0.00027	0.00378	0.00405	0.00018	0.00104	0.00122	—	13.8376	13.8376	0.00076	0.00223	0.01213	14.5329
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00018	0.00004	0.00310	0.00121	0.00002	0.00005	0.00069	0.00074	0.00003	0.00019	0.00022	—	2.29098	2.29098	0.00013	0.00037	0.00201	2.40608

3.15. Seawall Drive Grading (2027) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Dust From Material Movement	—	—	—	—	—	—	0.00209	0.00209	—	0.00032	0.00032	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Dust From Material Movement	—	—	—	—	—	—	0.00008	0.00008	—	0.00001	0.00001	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Dust From Material Movement	—	—	—	—	—	—	0.00001	0.00001	—	< 0.000005	< 0.000005	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.03480	0.00803	0.56958	0.23007	0.00331	0.00945	0.13243	0.14188	0.00630	0.03626	0.04256	—	480.912	480.912	0.02630	0.07748	0.97731	505.635
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00132	0.00030	0.02267	0.00887	0.00013	0.00036	0.00504	0.00540	0.00024	0.00138	0.00162	—	18.4502	18.4502	0.00101	0.00297	0.01617	19.3771
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00024	0.00006	0.00414	0.00162	0.00002	0.00007	0.00092	0.00099	0.00004	0.00025	0.00030	—	3.05464	3.05464	0.00017	0.00049	0.00268	3.20811

3.17. Parking Lot Grading (2027) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Dust From Material Movement	—	—	—	—	—	—	0.04974	0.04974	—	0.00753	0.00753	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Dust From Material Movement	—	—	—	—	—	—	0.00191	0.00191	—	0.00029	0.00029	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Dust From Material Movement	—	—	—	—	—	—	0.00035	0.00035	—	0.00005	0.00005	—	—	—	—	—	—	—

Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.81366	0.18777	13.3168	5.37899	0.07732	0.22090	3.09618	3.31708	0.14727	0.84768	0.99495	—	11,243.7	11,243.7	0.61485	1.81141	22.8495	11,821.7
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.03093	0.00706	0.52999	0.20731	0.00297	0.00847	0.11777	0.12624	0.00565	0.03227	0.03792	—	431.365	431.365	0.02358	0.06948	0.37803	453.038
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00564	0.00129	0.09672	0.03783	0.00054	0.00155	0.02149	0.02304	0.00103	0.00589	0.00692	—	71.4175	71.4175	0.00390	0.01150	0.06259	75.0055

3.19. Bay Trail Grading (2027) - Unmitigated

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

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

Dust From Material Movement	—	—	—	—	—	—	0.00288	0.00288	—	0.00044	0.00044	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Dust From Material Movement	—	—	—	—	—	—	0.00011	0.00011	—	0.00002	0.00002	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Dust From Material Movement	—	—	—	—	—	—	0.00002	0.00002	—	< 0.000005	< 0.000005	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.04803	0.01108	0.78602	0.31749	0.00456	0.01304	0.18275	0.19579	0.00869	0.05003	0.05873	—	663.658	663.658	0.03629	0.10692	1.34869	697.776
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00183	0.00042	0.03128	0.01224	0.00018	0.00050	0.00695	0.00745	0.00033	0.00190	0.00224	—	25.4613	25.4613	0.00139	0.00410	0.02231	26.7405
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00033	0.00008	0.00571	0.00223	0.00003	0.00009	0.00127	0.00136	0.00006	0.00035	0.00041	—	4.21540	4.21540	0.00023	0.00068	0.00369	4.42719

3.21. Plaza Grading (2027) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Dust From Material Movement	—	—	—	—	—	—	0.00244	0.00244	—	0.00037	0.00037	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Dust From Material Movement	—	—	—	—	—	—	0.00010	0.00010	—	0.00002	0.00002	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Dust From Material Movement	—	—	—	—	—	—	0.00002	0.00002	—	< 0.000005	< 0.000005	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.04060	0.00937	0.66451	0.26841	0.00386	0.01102	0.15450	0.16552	0.00735	0.04230	0.04965	—	561.064	561.064	0.03068	0.09039	1.14019	589.907
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00165	0.00038	0.02834	0.01108	0.00016	0.00045	0.00630	0.00675	0.00030	0.00173	0.00203	—	23.0627	23.0627	0.00126	0.00371	0.02021	24.2214
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00030	0.00007	0.00517	0.00202	0.00003	0.00008	0.00115	0.00123	0.00006	0.00031	0.00037	—	3.81830	3.81830	0.00021	0.00062	0.00335	4.01013

3.23. Pier Grading (2027) - Unmitigated

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

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

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Dust From Material Movement	—	—	—	—	—	—	0.00000	0.00000	—	0.00000	0.00000	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Dust From Material Movement	—	—	—	—	—	—	0.00000	0.00000	—	0.00000	0.00000	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Dust From Material Movement	—	—	—	—	—	—	0.00000	0.00000	—	0.00000	0.00000	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

4. Operations Emissions Details

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

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

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

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

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

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

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

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

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

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

5. Activity Data

5.1. Construction Schedule

Phase Name	Phase Type	Start Date	End Date	Days Per Week	Work Days per Phase	Phase Description
University Avenue Demolition	Demolition	4/1/2027	4/28/2027	5.00000	20.0000	—
Seawall Drive Demolition	Demolition	4/1/2027	5/12/2027	5.00000	30.0000	—

Parking Lot Demolition	Demolition	4/1/2027	5/12/2027	5.00000	30.0000	—
Bay Trail Demolition	Demolition	4/1/2027	5/12/2027	5.00000	30.0000	—
Plaza Demolition	Demolition	4/1/2027	4/14/2027	5.00000	10.00000	—
Pier Demolition	Demolition	4/1/2027	6/9/2027	5.00000	50.0000	—
University Avenue Grading	Grading	4/1/2027	4/14/2027	5.00000	10.00000	—
Seawall Drive Grading	Grading	4/1/2027	4/20/2027	5.00000	14.0000	—
Parking Lot Grading	Grading	4/1/2027	4/20/2027	5.00000	14.0000	—
Bay Trail Grading	Grading	4/1/2027	4/20/2027	5.00000	14.0000	—
Plaza Grading	Grading	4/1/2027	4/21/2027	5.00000	15.0000	—
Pier Grading	Grading	4/1/2027	4/21/2027	5.00000	15.0000	—

5.2. Off-Road Equipment

5.2.1. Unmitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
University Avenue Grading	Signal Boards	Diesel	Average	1.000000	8.00000	6.00000	0.82000

5.3. Construction Vehicles

5.3.1. Unmitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
University Avenue Demolition	Worker	0.00000	11.7000	LDA,LDT1,LDT2
University Avenue Demolition	Vendor	—	8.40000	HHDT,MHDT
University Avenue Demolition	Hauling	14.9000	20.0000	HHDT
University Avenue Demolition	Onsite truck	—	—	HHDT
Seawall Drive Demolition	Worker	0.00000	11.7000	LDA,LDT1,LDT2
Seawall Drive Demolition	Vendor	—	8.40000	HHDT,MHDT

Seawall Drive Demolition	Hauling	2.33333	20.0000	HHDT
Seawall Drive Demolition	Onsite truck	—	—	HHDT
Parking Lot Demolition	Worker	0.00000	11.7000	LDA,LDT1,LDT2
Parking Lot Demolition	Vendor	—	8.40000	HHDT,MHDT
Parking Lot Demolition	Hauling	22.7667	20.0000	HHDT
Parking Lot Demolition	Onsite truck	—	—	HHDT
Bay Trail Demolition	Worker	0.00000	11.7000	LDA,LDT1,LDT2
Bay Trail Demolition	Vendor	—	8.40000	HHDT,MHDT
Bay Trail Demolition	Hauling	3.00000	20.0000	HHDT
Bay Trail Demolition	Onsite truck	—	—	HHDT
Plaza Demolition	Worker	0.00000	11.7000	LDA,LDT1,LDT2
Plaza Demolition	Vendor	—	8.40000	HHDT,MHDT
Plaza Demolition	Hauling	3.70000	20.0000	HHDT
Plaza Demolition	Onsite truck	—	—	HHDT
Pier Demolition	Worker	0.00000	11.7000	LDA,LDT1,LDT2
Pier Demolition	Vendor	—	8.40000	HHDT,MHDT
Pier Demolition	Hauling	17.5000	20.0000	HHDT
Pier Demolition	Onsite truck	—	—	HHDT
University Avenue Grading	Worker	0.00000	11.7000	LDA,LDT1,LDT2
University Avenue Grading	Vendor	—	8.40000	HHDT,MHDT
University Avenue Grading	Hauling	7.50000	20.0000	HHDT
University Avenue Grading	Onsite truck	—	—	HHDT
Seawall Drive Grading	Worker	0.00000	11.7000	LDA,LDT1,LDT2
Seawall Drive Grading	Vendor	—	8.40000	HHDT,MHDT
Seawall Drive Grading	Hauling	7.14286	20.0000	HHDT
Seawall Drive Grading	Onsite truck	—	—	HHDT
Parking Lot Grading	Worker	0.00000	11.7000	LDA,LDT1,LDT2
Parking Lot Grading	Vendor	—	8.40000	HHDT,MHDT

Parking Lot Grading	Hauling	167.000	20.0000	HHDT
Parking Lot Grading	Onsite truck	—	—	HHDT
Bay Trail Grading	Worker	0.00000	11.7000	LDA,LDT1,LDT2
Bay Trail Grading	Vendor	—	8.40000	HHDT,MHDT
Bay Trail Grading	Hauling	9.85714	20.0000	HHDT
Bay Trail Grading	Onsite truck	—	—	HHDT
Plaza Grading	Worker	0.00000	11.7000	LDA,LDT1,LDT2
Plaza Grading	Vendor	—	8.40000	HHDT,MHDT
Plaza Grading	Hauling	8.33333	20.0000	HHDT
Plaza Grading	Onsite truck	—	—	HHDT
Pier Grading	Worker	0.00000	11.7000	LDA,LDT1,LDT2
Pier Grading	Vendor	—	8.40000	HHDT,MHDT
Pier Grading	Hauling	0.00000	20.0000	HHDT
Pier Grading	Onsite truck	—	—	HHDT

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

Control Strategies Applied	PM10 Reduction	PM2.5 Reduction
Water unpaved roads twice daily	55%	55%
Limit vehicle speeds on unpaved roads to 25 mph	44%	44%
Sweep paved roads once per month	9%	9%

5.5. Architectural Coatings

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

Phase Name	Material Imported (Cubic Yards)	Material Exported (Cubic Yards)	Acres Graded (acres)	Material Demolished (Ton of Debris)	Acres Paved (acres)
University Avenue Demolition	0.00000	0.00000	0.00000	1,190.00	0.00000
Seawall Drive Demolition	0.00000	0.00000	0.00000	280.000	0.00000
Parking Lot Demolition	0.00000	0.00000	0.00000	2,730.00	0.00000
Bay Trail Demolition	0.00000	0.00000	0.00000	357.000	0.00000
Plaza Demolition	0.00000	0.00000	0.00000	147.000	0.00000
Pier Demolition	0.00000	0.00000	0.00000	3,500.00	0.00000
University Avenue Grading	300.000	300.000	0.00000	0.00000	0.00000
Seawall Drive Grading	600.000	200.000	0.00000	0.00000	0.00000
Parking Lot Grading	10,000.00	9,000.00	0.00000	0.00000	0.00000
Bay Trail Grading	600.000	500.000	0.00000	0.00000	0.00000
Plaza Grading	1,000.000	0.00000	0.00000	0.00000	0.00000
Pier Grading	0.00000	0.00000	0.00000	0.00000	0.00000

5.6.2. Construction Earthmoving Control Strategies

Control Strategies Applied	Frequency (per day)	PM10 Reduction	PM2.5 Reduction
Water Exposed Area	2	61%	61%
Water Demolished Area	2	36%	36%

5.7. Construction Paving

5.8. Construction Electricity Consumption and Emissions Factors

kWh per Year and Emission Factor (lb/MWh)

Year	kWh per Year	CO2	CH4	N2O
2027	0.00000	203.983	0.03300	0.00400

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.2. Sequestration

5.18.2.1. Unmitigated

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

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

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

Climate Hazard	Result for Project Location	Unit
Temperature and Extreme Heat	7.10000	annual days of extreme heat
Extreme Precipitation	7.50000	annual days with precipitation above 20 mm
Sea Level Rise	—	meters of inundation depth
Wildfire	0.00000	annual hectares burned

Temperature and Extreme Heat data are for grid cell in which your project are located. The projection is based on the 98th historical percentile of daily maximum/minimum temperatures from observed historical data (32 climate model ensemble from Cal-Adapt, 2040–2059 average under RCP 8.5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Extreme Precipitation data are for the grid cell in which your project are located. The threshold of 20 mm is equivalent to about ¾ an inch of rain, which would be light to moderate rainfall if received over a full day or heavy rain if received over a period of 2 to 4 hours. Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

Sea Level Rise data are for the grid cell in which your project are located. The projections are from Radke et al. (2017), as reported in Cal-Adapt (Radke et al., 2017, CEC-500-2017-008), and consider inundation location and depth for the San Francisco Bay, the Sacramento-San Joaquin River Delta and California coast resulting different increments of sea level rise coupled with extreme storm events. Users may select from four scenarios to view the range in potential inundation depth for the grid cell. The four scenarios are: No rise, 0.5 meter, 1.0 meter, 1.41 meters
Wildfire data are for the grid cell in which your project are located. The projections are from UC Davis, as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider historical data of climate, vegetation, population density, and large (> 400 ha) fire history. Users may select from four model simulations to view the range in potential wildfire probabilities for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

6.2. Initial Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	N/A	N/A	N/A	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	N/A	N/A	N/A	N/A
Wildfire	N/A	N/A	N/A	N/A
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	N/A	N/A	N/A	N/A

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores do not include implementation of climate risk reduction measures.

6.3. Adjusted Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	N/A	N/A	N/A	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	N/A	N/A	N/A	N/A
Wildfire	N/A	N/A	N/A	N/A
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A

Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	N/A	N/A	N/A	N/A

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores include implementation of climate risk reduction measures.

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Exposure Indicators	—
AQ-Ozone	—
AQ-PM	—
AQ-DPM	—
Drinking Water	—
Lead Risk Housing	—
Pesticides	—
Toxic Releases	—
Traffic	—
Effect Indicators	—
CleanUp Sites	—
Groundwater	—
Haz Waste Facilities/Generators	—
Impaired Water Bodies	—
Solid Waste	—

Sensitive Population	—
Asthma	—
Cardio-vascular	—
Low Birth Weights	—
Socioeconomic Factor Indicators	—
Education	—
Housing	—
Linguistic	—
Poverty	—
Unemployment	—

7.2. Healthy Places Index Scores

The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Economic	—
Above Poverty	38.14962146
Employed	54.83125882
Median HI	49.50596689
Education	—
Bachelor's or higher	87.48877197
High school enrollment	100
Preschool enrollment	89.32375209
Transportation	—
Auto Access	21.89144104
Active commuting	95.983575
Social	—
2-parent households	21.35249583
Voting	58.28307455

Neighborhood	—
Alcohol availability	33.79956371
Park access	81.35506224
Retail density	94.80302836
Supermarket access	85.8462723
Tree canopy	44.66829206
Housing	—
Homeownership	12.81919672
Housing habitability	45.96432696
Low-inc homeowner severe housing cost burden	53.31707943
Low-inc renter severe housing cost burden	74.69523932
Uncrowded housing	34.89028615
Health Outcomes	—
Insured adults	76.54305146
Arthritis	26.6
Asthma ER Admissions	14.1
High Blood Pressure	32.4
Cancer (excluding skin)	40.8
Asthma	21.6
Coronary Heart Disease	51.0
Chronic Obstructive Pulmonary Disease	35.3
Diagnosed Diabetes	47.0
Life Expectancy at Birth	57.1
Cognitively Disabled	6.9
Physically Disabled	30.9
Heart Attack ER Admissions	62.3
Mental Health Not Good	44.5
Chronic Kidney Disease	55.3

Obesity	34.3
Pedestrian Injuries	99.9
Physical Health Not Good	45.1
Stroke	29.9
Health Risk Behaviors	—
Binge Drinking	68.3
Current Smoker	47.6
No Leisure Time for Physical Activity	59.9
Climate Change Exposures	—
Wildfire Risk	0.0
SLR Inundation Area	33.2
Children	0.4
Elderly	77.9
English Speaking	98.1
Foreign-born	21.5
Outdoor Workers	83.2
Climate Change Adaptive Capacity	—
Impervious Surface Cover	9.5
Traffic Density	94.5
Traffic Access	68.4
Other Indices	—
Hardship	61.1
Other Decision Support	—
2016 Voting	47.8

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	—

Healthy Places Index Score for Project Location (b)	76.0000
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	Yes
Project Located in a Low-Income Community (Assembly Bill 1550)	No
Project Located in a Community Air Protection Program Community (Assembly Bill 617)	No

a: The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.
b: The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

7.4. Health & Equity Measures

No Health & Equity Measures selected.

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

8. User Changes to Default Data

8.1. Justifications

Screen	Justification
Construction: Construction Phases	accounts for demolition and grading durations only
Construction: Off-Road Equipment	model considers only demolition and soil movement
Construction: Trips and VMT	only hauling trips

8.4. Construction

8.4.6. Trips and VMT

Phase Name	Trip Type	Model Parameter	Default Value	New Value
University Avenue Grading	Worker	One-Way Trips per Day	2.50000	0.00000

Berkeley WTPF Project - Land Construction Detailed Report

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1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	Berkeley WTPF Project - Land Construction
Construction Start Date	4/1/2027
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	3.90000
Precipitation (days)	17.0000
Location	37.865556962073796, -122.31152823274923
County	Alameda
City	Berkeley
Air District	Bay Area AQMD
Air Basin	San Francisco Bay Area
TAZ	1532
EDFZ	1
Electric Utility	Pacific Gas & Electric Company
Gas Utility	Pacific Gas & Electric
App Version	2022.1.1.37

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description
Health Club	0.14000	1000sqft	0.00321	140.000	0.00000	0.00000	—	—
Parking Lot	442.000	Space	3.97800	0.00000	0.00000	0.00000	—	—

Other Asphalt Surfaces	400.000	1000sqft	9.18274	0.00000	0.00000	0.00000	—	—

1.3. User-Selected Emission Reduction Measures by Emissions Sector

Sector	#	Measure Title
Construction	C-5	Use Advanced Engine Tiers

2. Emissions Summary

2.1. Construction Emissions Compared Against Thresholds

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

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	242.778	234.864	295.163	347.849	0.77949	10.3809	5.11904	15.4999	9.55038	1.86195	11.4123	—	72,375.3	72,375.3	2.88230	0.65395	7.34959	72,649.6
Mit.	207.074	206.605	240.053	398.594	0.46361	3.56629	5.11904	8.68532	3.36128	1.86195	5.22323	—	50,167.4	50,167.4	1.98145	0.47378	7.34959	50,365.4
% Reduced	15%	12%	19%	-15%	41%	66%	—	44%	65%	—	54%	—	31%	31%	31%	28%	—	31%
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.66507	0.64337	0.80890	0.94961	0.00214	0.02844	0.01396	0.04240	0.02617	0.00509	0.03125	—	197.897	197.897	0.00793	0.00179	0.00870	198.638
Mit.	0.56725	0.56595	0.65791	1.08864	0.00127	0.00977	0.01396	0.02373	0.00921	0.00509	0.01429	—	137.053	137.053	0.00546	0.00130	0.00870	137.585
% Reduced	15%	12%	19%	-15%	—	66%	—	44%	65%	—	54%	—	31%	31%	31%	—	—	31%
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.12137	0.11741	0.14762	0.17330	0.00039	0.00519	0.00255	0.00774	0.00478	0.00093	0.00570	—	32.7641	32.7641	0.00131	0.00030	0.00144	32.8867
Mit.	0.10352	0.10329	0.12007	0.19868	0.00023	0.00178	0.00255	0.00433	0.00168	0.00093	0.00261	—	22.6907	22.6907	0.00090	0.00021	0.00144	22.7788

% Reduced	15%	12%	19%	-15%	41%	66%	—	44%	65%	—	54%	—	31%	31%	31%	28%	—	31%

2.2. Construction Emissions by Year, Unmitigated

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

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2027	242.778	234.864	295.163	347.849	0.77949	10.3809	5.11904	15.4999	9.55038	1.86195	11.4123	—	72,375.3	72,375.3	2.88230	0.65395	7.34959	72,649.6
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2027	0.66507	0.64337	0.80890	0.94961	0.00214	0.02844	0.01396	0.04240	0.02617	0.00509	0.03125	—	197.897	197.897	0.00793	0.00179	0.00870	198.638
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2027	0.12137	0.11741	0.14762	0.17330	0.00039	0.00519	0.00255	0.00774	0.00478	0.00093	0.00570	—	32.7641	32.7641	0.00131	0.00030	0.00144	32.8867

2.3. Construction Emissions by Year, Mitigated

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

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2027	207.074	206.605	240.053	398.594	0.46361	3.56629	5.11904	8.68532	3.36128	1.86195	5.22323	—	50,167.4	50,167.4	1.98145	0.47378	7.34959	50,365.4
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2027	0.56725	0.56595	0.65791	1.08864	0.00127	0.00977	0.01396	0.02373	0.00921	0.00509	0.01429	—	137.053	137.053	0.00546	0.00130	0.00870	137.585

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2027	0.10352	0.10329	0.12007	0.19868	0.00023	0.00178	0.00255	0.00433	0.00168	0.00093	0.00261	—	22.6907	22.6907	0.00090	0.00021	0.00144	22.7788

3. Construction Emissions Details

3.1. Demolition (2027) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	4.56246	3.80338	28.0499	38.4565	0.08386	0.93931	—	0.93931	0.86416	—	0.86416	—	8,151.12	8,151.12	0.33064	0.06613	—	8,179.09
Demolition	—	—	—	—	—	—	0.00000	0.00000	—	0.00000	0.00000	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01250	0.01042	0.07685	0.10536	0.00023	0.00257	—	0.00257	0.00237	—	0.00237	—	22.3318	22.3318	0.00091	0.00018	—	22.4085
Demolition	—	—	—	—	—	—	0.00000	0.00000	—	0.00000	0.00000	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Roa Equipment	0.00228	0.00190	0.01402	0.01923	0.00004	0.00047	—	0.00047	0.00043	—	0.00043	—	3.69729	3.69729	0.00015	0.00003	—	3.70998
Demoliti on	—	—	—	—	—	—	0.00000	0.00000	—	0.00000	0.00000	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.12734	0.11438	0.07452	1.35090	0.00000	0.00000	0.33066	0.33066	0.00000	0.07751	0.07751	—	333.527	333.527	0.00529	0.01296	1.13017	338.652
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00034	0.00030	0.00024	0.00318	0.00000	0.00000	0.00090	0.00090	0.00000	0.00021	0.00021	—	0.85353	0.85353	0.00002	0.00004	0.00134	0.86594
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00006	0.00005	0.00004	0.00058	0.00000	0.00000	0.00016	0.00016	0.00000	0.00004	0.00004	—	0.14131	0.14131	< 0.000005	0.00001	0.00022	0.14337
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.2. Demolition (2027) - Mitigated

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

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

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.26622	1.23088	30.6269	48.1517	0.06620	0.46695	—	0.46695	0.43878	—	0.43878	—	6,784.72	6,784.72	0.27522	0.05504	—	6,808.00
Demolition	—	—	—	—	—	—	0.00000	0.00000	—	0.00000	0.00000	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.00347	0.00337	0.08391	0.13192	0.00018	0.00128	—	0.00128	0.00120	—	0.00120	—	18.5883	18.5883	0.00075	0.00015	—	18.6521
Demolition	—	—	—	—	—	—	0.00000	0.00000	—	0.00000	0.00000	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.00063	0.00062	0.01531	0.02408	0.00003	0.00023	—	0.00023	0.00022	—	0.00022	—	3.07750	3.07750	0.00012	0.00002	—	3.08806
Demolition	—	—	—	—	—	—	0.00000	0.00000	—	0.00000	0.00000	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	0.12734	0.11438	0.07452	1.35090	0.00000	0.00000	0.33066	0.33066	0.00000	0.07751	0.07751	—	333.527	333.527	0.00529	0.01296	1.13017	338.652
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00034	0.00030	0.00024	0.00318	0.00000	0.00000	0.00090	0.00090	0.00000	0.00021	0.00021	—	0.85353	0.85353	0.00002	0.00004	0.00134	0.86594
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00006	0.00005	0.00004	0.00058	0.00000	0.00000	0.00016	0.00016	0.00000	0.00004	0.00004	—	0.14131	0.14131	< 0.000005	0.00001	0.00022	0.14337
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.3. Site Preparation (2027) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	3.80822	3.16961	25.6133	35.2612	0.06694	0.81218	—	0.81218	0.74720	—	0.74720	—	6,319.06	6,319.06	0.25633	0.05127	—	6,340.75
Dust From Material Movement	—	—	—	—	—	—	0.00000	0.00000	—	0.00000	0.00000	—	—	—	—	—	—	—

Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01043	0.00868	0.07017	0.09661	0.00018	0.00223	—	0.00223	0.00205	—	0.00205	—	17.3125	17.3125	0.00070	0.00014	—	17.3719
Dust From Material Movement	—	—	—	—	—	—	0.00000	0.00000	—	0.00000	0.00000	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.00190	0.00158	0.01281	0.01763	0.00003	0.00041	—	0.00041	0.00037	—	0.00037	—	2.86628	2.86628	0.00012	0.00002	—	2.87612
Dust From Material Movement	—	—	—	—	—	—	0.00000	0.00000	—	0.00000	0.00000	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.12734	0.11438	0.07452	1.35090	0.00000	0.00000	0.33066	0.33066	0.00000	0.07751	0.07751	—	333.527	333.527	0.00529	0.01296	1.13017	338.652
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00034	0.00030	0.00024	0.00318	0.00000	0.00000	0.00090	0.00090	0.00000	0.00021	0.00021	—	0.85353	0.85353	0.00002	0.00004	0.00134	0.86594
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00006	0.00005	0.00004	0.00058	0.00000	0.00000	0.00016	0.00016	0.00000	0.00004	0.00004	—	0.14131	0.14131	< 0.000005	0.00001	0.00022	0.14337
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.4. Site Preparation (2027) - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.07022	1.03488	27.7282	39.7588	0.04928	0.49213	—	0.49213	0.45893	—	0.45893	—	4,952.66	4,952.66	0.20090	0.04018	—	4,969.66
Dust From Material Movement	—	—	—	—	—	—	0.00000	0.00000	—	0.00000	0.00000	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.00293	0.00284	0.07597	0.10893	0.00014	0.00135	—	0.00135	0.00126	—	0.00126	—	13.5689	13.5689	0.00055	0.00011	—	13.6155
Dust From Material Movement	—	—	—	—	—	—	0.00000	0.00000	—	0.00000	0.00000	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.00054	0.00052	0.01386	0.01988	0.00002	0.00025	—	0.00025	0.00023	—	0.00023	—	2.24649	2.24649	0.00009	0.00002	—	2.25420
Dust From Material Movement	—	—	—	—	—	—	0.00000	0.00000	—	0.00000	0.00000	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.12734	0.11438	0.07452	1.35090	0.00000	0.00000	0.33066	0.33066	0.00000	0.07751	0.07751	—	333.527	333.527	0.00529	0.01296	1.13017	338.652
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00034	0.00030	0.00024	0.00318	0.00000	0.00000	0.00090	0.00090	0.00000	0.00021	0.00021	—	0.85353	0.85353	0.00002	0.00004	0.00134	0.86594

Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00006	0.00005	0.00004	0.00058	0.00000	0.00000	0.00016	0.00016	0.00000	0.00004	0.00004	—	0.14131	0.14131	< 0.000005	0.00001	0.00022	0.14337
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.5. Grading (2027) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	9.85335	8.19299	62.1502	65.1418	0.15698	2.32041	—	2.32041	2.13477	—	2.13477	—	13,677.2	13,677.2	0.55481	0.11096	—	13,724.1
Dust From Material Movement	—	—	—	—	—	—	2.96901	2.96901	—	1.35798	1.35798	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02700	0.02245	0.17027	0.17847	0.00043	0.00636	—	0.00636	0.00585	—	0.00585	—	37.4717	37.4717	0.00152	0.00030	—	37.6003

Dust From Material Movement	—	—	—	—	—	—	0.00813	0.00813	—	0.00372	0.00372	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.00493	0.00410	0.03108	0.03257	0.00008	0.00116	—	0.00116	0.00107	—	0.00107	—	6.20387	6.20387	0.00025	0.00005	—	6.22516
Dust From Material Movement	—	—	—	—	—	—	0.00148	0.00148	—	0.00068	0.00068	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.15917	0.14297	0.09315	1.68863	0.00000	0.00000	0.41332	0.41332	0.00000	0.09688	0.09688	—	416.909	416.909	0.00661	0.01620	1.41272	423.315
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00042	0.00037	0.00030	0.00397	0.00000	0.00000	0.00112	0.00112	0.00000	0.00026	0.00026	—	1.06692	1.06692	0.00002	0.00004	0.00167	1.08242
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00008	0.00007	0.00005	0.00073	0.00000	0.00000	0.00020	0.00020	0.00000	0.00005	0.00005	—	0.17664	0.17664	< 0.000005	0.00001	0.00028	0.17921

Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.6. Grading (2027) - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.87093	1.83558	43.7311	74.4114	0.08499	0.56693	—	0.56693	0.53876	—	0.53876	—	8,819.61	8,819.61	0.35776	0.07155	—	8,849.88
Dust From Material Movement	—	—	—	—	—	—	2.96901	2.96901	—	1.35798	1.35798	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.00513	0.00503	0.11981	0.20387	0.00023	0.00155	—	0.00155	0.00148	—	0.00148	—	24.1633	24.1633	0.00098	0.00020	—	24.2462
Dust From Material Movement	—	—	—	—	—	—	0.00813	0.00813	—	0.00372	0.00372	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.00094	0.00092	0.02187	0.03721	0.00004	0.00028	—	0.00028	0.00027	—	0.00027	—	4.00051	4.00051	0.00016	0.00003	—	4.01424
Dust From Material Movement	—	—	—	—	—	—	0.00148	0.00148	—	0.00068	0.00068	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.15917	0.14297	0.09315	1.68863	0.00000	0.00000	0.41332	0.41332	0.00000	0.09688	0.09688	—	416.909	416.909	0.00661	0.01620	1.41272	423.315
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00042	0.00037	0.00030	0.00397	0.00000	0.00000	0.00112	0.00112	0.00000	0.00026	0.00026	—	1.06692	1.06692	0.00002	0.00004	0.00167	1.08242
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00008	0.00007	0.00005	0.00073	0.00000	0.00000	0.00020	0.00020	0.00000	0.00005	0.00005	—	0.17664	0.17664	< 0.000005	0.00001	0.00028	0.17921
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.7. Building Construction (2027) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.95796	1.63976	13.2204	17.6211	0.03818	0.54840	—	0.54840	0.50453	—	0.50453	—	3,959.72	3,959.72	0.16062	0.03212	—	3,973.31
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.00536	0.00449	0.03622	0.04828	0.00010	0.00150	—	0.00150	0.00138	—	0.00138	—	10.8486	10.8486	0.00044	0.00009	—	10.8858
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.00098	0.00082	0.00661	0.00881	0.00002	0.00027	—	0.00027	0.00025	—	0.00025	—	1.79610	1.79610	0.00007	0.00001	—	1.80227
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00019	0.00017	0.00011	0.00199	0.00000	0.00000	0.00049	0.00049	0.00000	0.00011	0.00011	—	0.49028	0.49028	0.00001	0.00002	0.00166	0.49782

Vendor	0.00004	0.00002	0.00069	0.00030	< 0.000005	0.00001	0.00016	0.00017	0.00001	0.00004	0.00005	—	0.58888	0.58888	0.00002	0.00009	0.00147	0.61750
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.000005	< 0.000005	< 0.000005	< 0.000005	0.00000	0.00000	< 0.000005	< 0.000005	0.00000	< 0.000005	< 0.000005	—	0.00125	0.00125	< 0.000005	< 0.000005	< 0.000005	0.00127
Vendor	< 0.000005	< 0.000005	< 0.000005	< 0.000005	< 0.000005	< 0.000005	< 0.000005	< 0.000005	< 0.000005	< 0.000005	< 0.000005	—	0.00161	0.00161	< 0.000005	< 0.000005	< 0.000005	0.00169
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.000005	< 0.000005	< 0.000005	< 0.000005	0.00000	0.00000	< 0.000005	< 0.000005	0.00000	< 0.000005	< 0.000005	—	0.00021	0.00021	< 0.000005	< 0.000005	< 0.000005	0.00021
Vendor	< 0.000005	< 0.000005	< 0.000005	< 0.000005	< 0.000005	< 0.000005	< 0.000005	< 0.000005	< 0.000005	< 0.000005	< 0.000005	—	0.00027	0.00027	< 0.000005	< 0.000005	< 0.000005	0.00028
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.8. Building Construction (2027) - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.94530	0.86357	15.4749	23.5349	0.03818	0.30664	—	0.30664	0.28714	—	0.28714	—	3,959.72	3,959.72	0.16062	0.03212	—	3,973.31
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.00259	0.00237	0.04240	0.06448	0.00010	0.00084	—	0.00084	0.00079	—	0.00079	—	10.8486	10.8486	0.00044	0.00009	—	10.8858
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.00047	0.00043	0.00774	0.01177	0.00002	0.00015	—	0.00015	0.00014	—	0.00014	—	1.79610	1.79610	0.00007	0.00001	—	1.80227
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00019	0.00017	0.00011	0.00199	0.00000	0.00000	0.00049	0.00049	0.00000	0.00011	0.00011	—	0.49028	0.49028	0.00001	0.00002	0.00166	0.49782
Vendor	0.00004	0.00002	0.00069	0.00030	< 0.000005	0.00001	0.00016	0.00017	0.00001	0.00004	0.00005	—	0.58888	0.58888	0.00002	0.00009	0.00147	0.61750
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.000005	< 0.000005	< 0.000005	< 0.000005	0.00000	0.00000	< 0.000005	< 0.000005	0.00000	< 0.000005	< 0.000005	—	0.00125	0.00125	< 0.000005	< 0.000005	< 0.000005	0.00127
Vendor	< 0.000005	< 0.000005	< 0.000005	< 0.000005	< 0.000005	< 0.000005	< 0.000005	< 0.000005	< 0.000005	< 0.000005	< 0.000005	—	0.00161	0.00161	< 0.000005	< 0.000005	< 0.000005	0.00169

Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.000005	< 0.000005	< 0.000005	< 0.000005	0.00000	0.00000	< 0.000005	< 0.000005	0.00000	< 0.000005	< 0.000005	—	0.00021	0.00021	< 0.000005	< 0.000005	< 0.000005	0.00021
Vendor	< 0.000005	< 0.000005	< 0.000005	< 0.000005	< 0.000005	< 0.000005	< 0.000005	< 0.000005	< 0.000005	< 0.000005	< 0.000005	—	0.00027	0.00027	< 0.000005	< 0.000005	< 0.000005	0.00028
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.9. Paving (2027) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	9.19852	7.63933	59.1515	63.6763	0.16138	2.08281	—	2.08281	1.91618	—	1.91618	—	14,023.8	14,023.8	0.56887	0.11377	—	14,071.9
Paving	34.4811	34.4811	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02520	0.02093	0.16206	0.17446	0.00044	0.00571	—	0.00571	0.00525	—	0.00525	—	38.4213	38.4213	0.00156	0.00031	—	38.5532
Paving	0.09447	0.09447	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.00460	0.00382	0.02958	0.03184	0.00008	0.00104	—	0.00104	0.00096	—	0.00096	—	6.36109	6.36109	0.00026	0.00005	—	6.38292
Paving	0.01724	0.01724	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.14326	0.12867	0.08383	1.51977	0.00000	0.00000	0.37199	0.37199	0.00000	0.08719	0.08719	—	375.218	375.218	0.00595	0.01458	1.27144	380.984
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00038	0.00034	0.00027	0.00358	0.00000	0.00000	0.00101	0.00101	0.00000	0.00024	0.00024	—	0.96022	0.96022	0.00002	0.00004	0.00151	0.97418
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00007	0.00006	0.00005	0.00065	0.00000	0.00000	0.00018	0.00018	0.00000	0.00004	0.00004	—	0.15898	0.15898	< 0.000005	0.00001	0.00025	0.16129
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.10. Paving (2027) - Mitigated

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

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

Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.71574	1.71574	43.3689	75.2871	0.08229	0.56942	—	0.56942	0.54083	—	0.54083	—	8,616.82	8,616.82	0.34954	0.06991	—	8,646.39
Paving	34.4811	34.4811	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.00470	0.00470	0.11882	0.20627	0.00023	0.00156	—	0.00156	0.00148	—	0.00148	—	23.6077	23.6077	0.00096	0.00019	—	23.6887
Paving	0.09447	0.09447	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.00086	0.00086	0.02168	0.03764	0.00004	0.00028	—	0.00028	0.00027	—	0.00027	—	3.90853	3.90853	0.00016	0.00003	—	3.92194
Paving	0.01724	0.01724	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	0.14326	0.12867	0.08383	1.51977	0.00000	0.00000	0.37199	0.37199	0.00000	0.08719	0.08719	—	375.218	375.218	0.00595	0.01458	1.27144	380.984
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00038	0.00034	0.00027	0.00358	0.00000	0.00000	0.00101	0.00101	0.00000	0.00024	0.00024	—	0.96022	0.96022	0.00002	0.00004	0.00151	0.97418
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00007	0.00006	0.00005	0.00065	0.00000	0.00000	0.00018	0.00018	0.00000	0.00004	0.00004	—	0.15898	0.15898	< 0.000005	0.00001	0.00025	0.16129
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.11. Architectural Coating (2027) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.40364	1.16003	8.50630	11.5175	0.01766	0.19495	—	0.19495	0.17935	—	0.17935	—	1,366.40	1,366.40	0.05543	0.01109	—	1,371.09
Architectural Coatings	160.936	160.936	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.00385	0.00318	0.02330	0.03155	0.00005	0.00053	—	0.00053	0.00049	—	0.00049	—	3.74356	3.74356	0.00015	0.00003	—	3.75641
Architectural Coatings	0.44092	0.44092	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.00070	0.00058	0.00425	0.00576	0.00001	0.00010	—	0.00010	0.00009	—	0.00009	—	0.61979	0.61979	0.00003	0.00001	—	0.62192
Architectural Coatings	0.08047	0.08047	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00004	0.00003	0.00002	0.00040	0.00000	0.00000	0.00010	0.00010	0.00000	0.00002	0.00002	—	0.09806	0.09806	< 0.000005	< 0.000005	0.00033	0.09956
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.000005	< 0.000005	< 0.000005	< 0.000005	0.00000	0.00000	< 0.000005	< 0.000005	0.00000	< 0.000005	< 0.000005	—	0.00025	0.00025	< 0.000005	< 0.000005	< 0.000005	0.00025
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.000005	< 0.000005	< 0.000005	< 0.000005	0.00000	0.00000	< 0.000005	< 0.000005	0.00000	< 0.000005	< 0.000005	—	0.00004	0.00004	< 0.000005	< 0.000005	< 0.000005	0.00004
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.12. Architectural Coating (2027) - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.19234	0.19234	5.16919	8.89581	—	0.02404	—	0.02404	0.02404	—	0.02404	—	—	—	—	—	—	—
Architectural Coatings	160.936	160.936	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.00053	0.00053	0.01416	0.02437	—	0.00007	—	0.00007	0.00007	—	0.00007	—	—	—	—	—	—	—
Architectural Coatings	0.44092	0.44092	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.00010	0.00010	0.00258	0.00445	—	0.00001	—	0.00001	0.00001	—	0.00001	—	—	—	—	—	—	—
Architectural Coatings	0.08047	0.08047	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00004	0.00003	0.00002	0.00040	0.00000	0.00000	0.00010	0.00010	0.00000	0.00002	0.00002	—	0.09806	0.09806	< 0.000005	< 0.000005	0.00033	0.09956
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.000005	< 0.000005	< 0.000005	< 0.000005	0.00000	0.00000	< 0.000005	< 0.000005	0.00000	< 0.000005	< 0.000005	—	0.00025	0.00025	< 0.000005	< 0.000005	< 0.000005	0.00025
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.000005	< 0.000005	< 0.000005	< 0.000005	0.00000	0.00000	< 0.000005	< 0.000005	0.00000	< 0.000005	< 0.000005	—	0.00004	0.00004	< 0.000005	< 0.000005	< 0.000005	0.00004
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.13. Landscaping (2027) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	5.75374	4.80440	34.7113	44.5027	0.10666	1.19791	—	1.19791	1.10208	—	1.10208	—	10,619.3	10,619.3	0.43076	0.08615	—	10,655.7
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01576	0.01316	0.09510	0.12193	0.00029	0.00328	—	0.00328	0.00302	—	0.00302	—	29.0939	29.0939	0.00118	0.00024	—	29.1938

Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.00288	0.00240	0.01736	0.02225	0.00005	0.00060	—	0.00060	0.00055	—	0.00055	—	4.81683	4.81683	0.00020	0.00004	—	4.83336
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.13530	0.12152	0.07917	1.43534	0.00000	0.00000	0.35133	0.35133	0.00000	0.08235	0.08235	—	354.372	354.372	0.00562	0.01377	1.20081	359.818
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00036	0.00032	0.00025	0.00338	0.00000	0.00000	0.00095	0.00095	0.00000	0.00022	0.00022	—	0.90688	0.90688	0.00002	0.00004	0.00142	0.92006
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00007	0.00006	0.00005	0.00062	0.00000	0.00000	0.00017	0.00017	0.00000	0.00004	0.00004	—	0.15014	0.15014	< 0.000005	0.00001	0.00024	0.15233
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.14. Landscaping (2027) - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.07418	1.92079	35.5035	55.2841	0.08899	0.59858	—	0.59858	0.56080	—	0.56080	—	9,252.88	9,252.88	0.37534	0.07507	—	9,284.63
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.00568	0.00526	0.09727	0.15146	0.00024	0.00164	—	0.00164	0.00154	—	0.00154	—	25.3504	25.3504	0.00103	0.00021	—	25.4373
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.00104	0.00096	0.01775	0.02764	0.00004	0.00030	—	0.00030	0.00028	—	0.00028	—	4.19704	4.19704	0.00017	0.00003	—	4.21144
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.13530	0.12152	0.07917	1.43534	0.00000	0.00000	0.35133	0.35133	0.00000	0.08235	0.08235	—	354.372	354.372	0.00562	0.01377	1.20081	359.818
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00036	0.00032	0.00025	0.00338	0.00000	0.00000	0.00095	0.00095	0.00000	0.00022	0.00022	—	0.90688	0.90688	0.00002	0.00004	0.00142	0.92006
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00007	0.00006	0.00005	0.00062	0.00000	0.00000	0.00017	0.00017	0.00000	0.00004	0.00004	—	0.15014	0.15014	< 0.000005	0.00001	0.00024	0.15233
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.15. Amenities (2027) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	9.99548	8.29341	63.2745	62.8878	0.14781	2.28489	—	2.28489	2.10210	—	2.10210	—	12,089.7	12,089.7	0.49041	0.09808	—	12,131.2
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Roa Equipment	0.02738	0.02272	0.17335	0.17230	0.00040	0.00626	—	0.00626	0.00576	—	0.00576	—	33.1225	33.1225	0.00134	0.00027	—	33.2361
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Roa d Equipm ent	0.00500	0.00415	0.03164	0.03144	0.00007	0.00114	—	0.00114	0.00105	—	0.00105	—	5.48380	5.48380	0.00022	0.00004	—	5.50262
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.13530	0.12152	0.07917	1.43534	0.00000	0.00000	0.35133	0.35133	0.00000	0.08235	0.08235	—	354.372	354.372	0.00562	0.01377	1.20081	359.818
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00036	0.00032	0.00025	0.00338	0.00000	0.00000	0.00095	0.00095	0.00000	0.00022	0.00022	—	0.90688	0.90688	0.00002	0.00004	0.00142	0.92006
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00007	0.00006	0.00005	0.00062	0.00000	0.00000	0.00017	0.00017	0.00000	0.00004	0.00004	—	0.15014	0.15014	< 0.000005	0.00001	0.00024	0.15233
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.16. Amenities (2027) - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.69395	1.65047	37.9657	64.4873	0.05368	0.54158	—	0.54158	0.51199	—	0.51199	—	5,611.87	5,611.87	0.22764	0.04553	—	5,631.13
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.00464	0.00452	0.10402	0.17668	0.00015	0.00148	—	0.00148	0.00140	—	0.00140	—	15.3750	15.3750	0.00062	0.00012	—	15.4277
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.00085	0.00083	0.01898	0.03224	0.00003	0.00027	—	0.00027	0.00026	—	0.00026	—	2.54550	2.54550	0.00010	0.00002	—	2.55424
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	0.13530	0.12152	0.07917	1.43534	0.00000	0.00000	0.35133	0.35133	0.00000	0.08235	0.08235	—	354.372	354.372	0.00562	0.01377	1.20081	359.818
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00036	0.00032	0.00025	0.00338	0.00000	0.00000	0.00095	0.00095	0.00000	0.00022	0.00022	—	0.90688	0.90688	0.00002	0.00004	0.00142	0.92006
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00007	0.00006	0.00005	0.00062	0.00000	0.00000	0.00017	0.00017	0.00000	0.00004	0.00004	—	0.15014	0.15014	< 0.000005	0.00001	0.00024	0.15233
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

4. Operations Emissions Details

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

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

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

Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

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

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

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

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

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

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

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

4.10.4. Soil Carbon Accumulation By Vegetation Type - Mitigated

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

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

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

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

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

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

4.10.6. Avoided and Sequestered Emissions by Species - Mitigated

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

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

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

5. Activity Data

5.1. Construction Schedule

Phase Name	Phase Type	Start Date	End Date	Days Per Week	Work Days per Phase	Phase Description
Demolition	Demolition	4/1/2027	4/1/2027	5.00000	1.000000	—
Site Preparation	Site Preparation	4/1/2027	4/1/2027	5.00000	1.000000	—
Grading	Grading	4/1/2027	4/1/2027	5.00000	1.000000	—
Building Construction	Building Construction	4/1/2027	4/1/2027	5.00000	1.000000	—
Paving	Paving	4/1/2027	4/1/2027	5.00000	1.000000	—
Architectural Coating	Architectural Coating	4/1/2027	4/1/2027	5.00000	1.000000	—
Landscaping	Trenching	4/1/2027	4/1/2027	5.00000	1.000000	—
Amenities	Trenching	4/1/2027	4/1/2027	5.00000	1.000000	—

5.2. Off-Road Equipment

5.2.1. Unmitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Demolition	Tractors/Loaders/Backhoes	Diesel	Average	2.00000	8.00000	148.000	0.37000
Demolition	Air Compressors	Diesel	Average	2.00000	8.00000	142.000	0.48000
Demolition	Excavators	Diesel	Average	1.000000	8.00000	275.000	0.38000
Demolition	Generator Sets	Diesel	Average	2.00000	8.00000	12.0000	0.74000
Demolition	Rubber Tired Loaders	Diesel	Average	1.000000	8.00000	249.000	0.36000
Demolition	Rough Terrain Forklifts	Diesel	Average	1.000000	8.00000	96.0000	0.40000
Demolition	Signal Boards	Diesel	Average	3.00000	8.00000	30.0000	0.82000
Demolition	Skid Steer Loaders	Diesel	Average	1.000000	8.00000	74.3000	0.37000
Demolition	Sweepers/Scrubbers	Diesel	Average	1.000000	8.00000	74.0000	0.46000
Demolition	Off-Highway Trucks	Diesel	Average	2.00000	8.00000	300.000	0.38000

Site Preparation	Aerial Lifts	Diesel	Average	2.00000	8.00000	46.0000	0.31000
Site Preparation	Tractors/Loaders/Backhoes	Diesel	Average	2.00000	8.00000	148.000	0.37000
Site Preparation	Air Compressors	Diesel	Average	2.00000	8.00000	142.000	0.48000
Site Preparation	Excavators	Diesel	Average	1.000000	8.00000	275.000	0.38000
Site Preparation	Generator Sets	Diesel	Average	2.00000	8.00000	12.0000	0.74000
Site Preparation	Rubber Tired Loaders	Diesel	Average	1.000000	8.00000	249.000	0.36000
Site Preparation	Rough Terrain Forklifts	Diesel	Average	1.000000	8.00000	96.0000	0.40000
Site Preparation	Signal Boards	Diesel	Average	3.00000	8.00000	30.0000	0.82000
Site Preparation	Skid Steer Loaders	Diesel	Average	1.000000	8.00000	74.3000	0.37000
Site Preparation	Sweepers/Scrubbers	Diesel	Average	1.000000	8.00000	74.0000	0.46000
Grading	Tractors/Loaders/Backhoes	Diesel	Average	2.00000	8.00000	148.000	0.37000
Grading	Plate Compactors	Diesel	Average	2.00000	8.00000	405.000	0.43000
Grading	Air Compressors	Diesel	Average	2.00000	8.00000	142.000	0.48000
Grading	Rubber Tired Dozers	Diesel	Average	1.000000	8.00000	130.000	0.40000
Grading	Excavators	Diesel	Average	1.000000	8.00000	275.000	0.38000
Grading	Generator Sets	Diesel	Average	2.00000	8.00000	12.0000	0.74000
Grading	Graders	Diesel	Average	2.00000	8.00000	250.000	0.41000
Grading	Rubber Tired Loaders	Diesel	Average	1.000000	8.00000	249.000	0.36000
Grading	Signal Boards	Diesel	Average	3.00000	8.00000	30.0000	0.82000
Grading	Skid Steer Loaders	Diesel	Average	1.000000	8.00000	74.3000	0.37000
Grading	Sweepers/Scrubbers	Diesel	Average	1.000000	8.00000	74.0000	0.46000
Grading	Off-Highway Trucks	Diesel	Average	2.00000	8.00000	300.000	0.38000
Building Construction	Tractors/Loaders/Backhoes	Diesel	Average	2.00000	8.00000	148.000	0.37000
Building Construction	Cranes	Diesel	Average	1.000000	8.00000	290.000	0.29000
Building Construction	Generator Sets	Diesel	Average	2.00000	8.00000	12.0000	0.74000
Building Construction	Rough Terrain Forklifts	Diesel	Average	1.000000	8.00000	96.0000	0.40000

Building Construction	Trenchers	Diesel	Average	1.000000	8.00000	76.0000	0.50000
Building Construction	Welders	Diesel	Average	1.000000	8.00000	46.0000	0.45000
Building Construction	Off-Highway Trucks	Diesel	Average	1.000000	8.00000	300.000	0.38000
Paving	Concrete/Industrial Saws	Diesel	Average	1.000000	8.00000	74.3000	0.73000
Paving	Plate Compactors	Diesel	Average	2.00000	8.00000	405.000	0.43000
Paving	Air Compressors	Diesel	Average	2.00000	8.00000	142.000	0.48000
Paving	Graders	Diesel	Average	1.000000	8.00000	250.000	0.41000
Paving	Rubber Tired Loaders	Diesel	Average	1.000000	8.00000	249.000	0.36000
Paving	Pavers	Diesel	Average	2.00000	8.00000	230.000	0.42000
Paving	Rollers	Diesel	Average	2.00000	8.00000	137.000	0.38000
Paving	Signal Boards	Diesel	Average	3.00000	8.00000	30.0000	0.82000
Paving	Surfacing Equipment	Diesel	Average	2.00000	8.00000	350.000	0.30000
Paving	Sweepers/Scrubbers	Diesel	Average	1.000000	8.00000	74.0000	0.46000
Paving	Off-Highway Trucks	Diesel	Average	1.000000	8.00000	300.000	0.38000
Architectural Coating	Air Compressors	Diesel	Average	2.00000	8.00000	142.000	0.48000
Landscaping	Tractors/Loaders/Backhoes	Diesel	Average	2.00000	8.00000	148.000	0.37000
Landscaping	Air Compressors	Diesel	Average	2.00000	8.00000	142.000	0.48000
Landscaping	Cranes	Diesel	Average	1.000000	8.00000	290.000	0.29000
Landscaping	Generator Sets	Diesel	Average	2.00000	8.00000	12.0000	0.74000
Landscaping	Rubber Tired Loaders	Diesel	Average	1.000000	8.00000	249.000	0.36000
Landscaping	Rough Terrain Forklifts	Diesel	Average	1.000000	8.00000	96.0000	0.40000
Landscaping	Signal Boards	Diesel	Average	3.00000	8.00000	30.0000	0.82000
Landscaping	Skid Steer Loaders	Diesel	Average	1.000000	8.00000	74.3000	0.37000
Landscaping	Sweepers/Scrubbers	Diesel	Average	1.000000	8.00000	74.0000	0.46000
Landscaping	Off-Highway Trucks	Diesel	Average	1.000000	8.00000	300.000	0.38000
Landscaping	Off-Highway Trucks	Diesel	Average	2.00000	8.00000	525.000	0.38000
Amenities	Aerial Lifts	Diesel	Average	2.00000	8.00000	46.0000	0.31000

Amenities	Tractors/Loaders/Back	Diesel	Average	1.000000	8.00000	148.000	0.37000
Amenities	Cement and Mortar Mixers	Diesel	Average	1.000000	8.00000	500.000	0.56000
Amenities	Concrete/Industrial Saws	Diesel	Average	1.000000	8.00000	74.3000	0.73000
Amenities	Plate Compactors	Diesel	Average	1.000000	8.00000	405.000	0.43000
Amenities	Air Compressors	Diesel	Average	2.00000	8.00000	142.000	0.48000
Amenities	Cranes	Diesel	Average	1.000000	8.00000	290.000	0.29000
Amenities	Generator Sets	Diesel	Average	2.00000	8.00000	12.0000	0.74000
Amenities	Pressure Washers	Diesel	Average	1.000000	8.00000	14.0000	0.30000
Amenities	Rough Terrain Forklifts	Diesel	Average	1.000000	8.00000	96.0000	0.40000
Amenities	Sweepers/Scrubbers	Diesel	Average	1.000000	8.00000	74.0000	0.46000
Amenities	Welders	Diesel	Average	1.000000	8.00000	46.0000	0.45000
Amenities	Off-Highway Trucks	Diesel	Average	1.000000	8.00000	300.000	0.38000
Amenities	Off-Highway Trucks	Diesel	Average	1.000000	8.00000	525.000	0.38000

5.2.2. Mitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Demolition	Tractors/Loaders/Backhoes	Diesel	Tier 4 Interim	2.00000	8.00000	148.000	0.37000
Demolition	Air Compressors	Diesel	Tier 4 Interim	2.00000	8.00000	142.000	0.48000
Demolition	Excavators	Diesel	Tier 4 Interim	1.000000	8.00000	275.000	0.38000
Demolition	Generator Sets	Diesel	Average	2.00000	8.00000	12.0000	0.74000
Demolition	Rubber Tired Loaders	Diesel	Tier 4 Interim	1.000000	8.00000	249.000	0.36000
Demolition	Rough Terrain Forklifts	Diesel	Tier 4 Interim	1.000000	8.00000	96.0000	0.40000
Demolition	Signal Boards	Diesel	Tier 4 Interim	3.00000	8.00000	30.0000	0.82000
Demolition	Skid Steer Loaders	Diesel	Tier 4 Interim	1.000000	8.00000	74.3000	0.37000
Demolition	Sweepers/Scrubbers	Diesel	Tier 4 Interim	1.000000	8.00000	74.0000	0.46000
Demolition	Off-Highway Trucks	Diesel	Tier 4 Interim	2.00000	8.00000	300.000	0.38000

Site Preparation	Aerial Lifts	Diesel	Tier 4 Interim	2.00000	8.00000	46.0000	0.31000
Site Preparation	Tractors/Loaders/Backhoes	Diesel	Tier 4 Interim	2.00000	8.00000	148.000	0.37000
Site Preparation	Air Compressors	Diesel	Tier 4 Interim	2.00000	8.00000	142.000	0.48000
Site Preparation	Excavators	Diesel	Tier 4 Interim	1.000000	8.00000	275.000	0.38000
Site Preparation	Generator Sets	Diesel	Average	2.00000	8.00000	12.0000	0.74000
Site Preparation	Rubber Tired Loaders	Diesel	Tier 4 Interim	1.000000	8.00000	249.000	0.36000
Site Preparation	Rough Terrain Forklifts	Diesel	Tier 4 Interim	1.000000	8.00000	96.0000	0.40000
Site Preparation	Signal Boards	Diesel	Tier 4 Interim	3.00000	8.00000	30.0000	0.82000
Site Preparation	Skid Steer Loaders	Diesel	Tier 4 Interim	1.000000	8.00000	74.3000	0.37000
Site Preparation	Sweepers/Scrubbers	Diesel	Tier 4 Interim	1.000000	8.00000	74.0000	0.46000
Grading	Tractors/Loaders/Backhoes	Diesel	Tier 4 Interim	2.00000	8.00000	148.000	0.37000
Grading	Plate Compactors	Diesel	Tier 4 Interim	2.00000	8.00000	405.000	0.43000
Grading	Air Compressors	Diesel	Tier 4 Interim	2.00000	8.00000	142.000	0.48000
Grading	Rubber Tired Dozers	Diesel	Tier 4 Interim	1.000000	8.00000	130.000	0.40000
Grading	Excavators	Diesel	Tier 4 Interim	1.000000	8.00000	275.000	0.38000
Grading	Generator Sets	Diesel	Average	2.00000	8.00000	12.0000	0.74000
Grading	Graders	Diesel	Tier 4 Interim	2.00000	8.00000	250.000	0.41000
Grading	Rubber Tired Loaders	Diesel	Tier 4 Interim	1.000000	8.00000	249.000	0.36000
Grading	Signal Boards	Diesel	Tier 4 Interim	3.00000	8.00000	30.0000	0.82000
Grading	Skid Steer Loaders	Diesel	Tier 4 Interim	1.000000	8.00000	74.3000	0.37000
Grading	Sweepers/Scrubbers	Diesel	Tier 4 Interim	1.000000	8.00000	74.0000	0.46000
Grading	Off-Highway Trucks	Diesel	Tier 4 Interim	2.00000	8.00000	300.000	0.38000
Building Construction	Tractors/Loaders/Backhoes	Diesel	Tier 4 Interim	2.00000	8.00000	148.000	0.37000
Building Construction	Cranes	Diesel	Tier 4 Interim	1.000000	8.00000	290.000	0.29000
Building Construction	Generator Sets	Diesel	Average	2.00000	8.00000	12.0000	0.74000
Building Construction	Rough Terrain Forklifts	Diesel	Tier 4 Interim	1.000000	8.00000	96.0000	0.40000

Building Construction	Trenchers	Diesel	Average	1.000000	8.00000	76.0000	0.50000
Building Construction	Welders	Diesel	Tier 4 Interim	1.000000	8.00000	46.0000	0.45000
Building Construction	Off-Highway Trucks	Diesel	Tier 4 Interim	1.000000	8.00000	300.000	0.38000
Paving	Concrete/Industrial Saws	Diesel	Tier 4 Interim	1.000000	8.00000	74.3000	0.73000
Paving	Plate Compactors	Diesel	Tier 4 Interim	2.00000	8.00000	405.000	0.43000
Paving	Air Compressors	Diesel	Tier 4 Interim	2.00000	8.00000	142.000	0.48000
Paving	Graders	Diesel	Tier 4 Interim	1.000000	8.00000	250.000	0.41000
Paving	Rubber Tired Loaders	Diesel	Tier 4 Interim	1.000000	8.00000	249.000	0.36000
Paving	Pavers	Diesel	Tier 4 Interim	2.00000	8.00000	230.000	0.42000
Paving	Rollers	Diesel	Tier 4 Interim	2.00000	8.00000	137.000	0.38000
Paving	Signal Boards	Diesel	Tier 4 Interim	3.00000	8.00000	30.0000	0.82000
Paving	Surfacing Equipment	Diesel	Tier 4 Interim	2.00000	8.00000	350.000	0.30000
Paving	Sweepers/Scrubbers	Diesel	Tier 4 Interim	1.000000	8.00000	74.0000	0.46000
Paving	Off-Highway Trucks	Diesel	Tier 4 Interim	1.000000	8.00000	300.000	0.38000
Architectural Coating	Air Compressors	Diesel	Tier 4 Interim	2.00000	8.00000	142.000	0.48000
Landscaping	Tractors/Loaders/Backhoes	Diesel	Tier 4 Interim	2.00000	8.00000	148.000	0.37000
Landscaping	Air Compressors	Diesel	Tier 4 Interim	2.00000	8.00000	142.000	0.48000
Landscaping	Cranes	Diesel	Tier 4 Interim	1.000000	8.00000	290.000	0.29000
Landscaping	Generator Sets	Diesel	Average	2.00000	8.00000	12.0000	0.74000
Landscaping	Rubber Tired Loaders	Diesel	Tier 4 Interim	1.000000	8.00000	249.000	0.36000
Landscaping	Rough Terrain Forklifts	Diesel	Tier 4 Interim	1.000000	8.00000	96.0000	0.40000
Landscaping	Signal Boards	Diesel	Tier 4 Interim	3.00000	8.00000	30.0000	0.82000
Landscaping	Skid Steer Loaders	Diesel	Tier 4 Interim	1.000000	8.00000	74.3000	0.37000
Landscaping	Sweepers/Scrubbers	Diesel	Tier 4 Interim	1.000000	8.00000	74.0000	0.46000
Landscaping	Off-Highway Trucks	Diesel	Tier 4 Interim	1.000000	8.00000	300.000	0.38000
Landscaping	Off-Highway Trucks	Diesel	Average	1.000000	8.00000	525.000	0.38000
Landscaping	Off-Highway Trucks	Diesel	Tier 4 Interim	1.000000	8.00000	525.000	0.38000

Amenities	Aerial Lifts	Diesel	Tier 4 Interim	2.00000	8.00000	46.0000	0.31000
Amenities	Tractors/Loaders/Backhoes	Diesel	Tier 4 Interim	1.000000	8.00000	148.000	0.37000
Amenities	Cement and Mortar Mixers	Diesel	Tier 4 Interim	1.000000	8.00000	500.000	0.56000
Amenities	Concrete/Industrial Saws	Diesel	Tier 4 Interim	1.000000	8.00000	74.3000	0.73000
Amenities	Plate Compactors	Diesel	Tier 4 Interim	1.000000	8.00000	405.000	0.43000
Amenities	Air Compressors	Diesel	Tier 4 Interim	2.00000	8.00000	142.000	0.48000
Amenities	Cranes	Diesel	Tier 4 Interim	1.000000	8.00000	290.000	0.29000
Amenities	Generator Sets	Diesel	Average	2.00000	8.00000	12.0000	0.74000
Amenities	Pressure Washers	Diesel	Average	1.000000	8.00000	14.0000	0.30000
Amenities	Rough Terrain Forklifts	Diesel	Tier 4 Interim	1.000000	8.00000	96.0000	0.40000
Amenities	Sweepers/Scrubbers	Diesel	Tier 4 Interim	1.000000	8.00000	74.0000	0.46000
Amenities	Welders	Diesel	Tier 4 Interim	1.000000	8.00000	46.0000	0.45000
Amenities	Off-Highway Trucks	Diesel	Tier 4 Interim	1.000000	8.00000	300.000	0.38000
Amenities	Off-Highway Trucks	Diesel	Tier 4 Interim	1.000000	8.00000	525.000	0.38000

5.3. Construction Vehicles

5.3.1. Unmitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Demolition	Worker	40.0000	11.7000	LDA,LDT1,LDT2
Demolition	Vendor	—	8.40000	HHDT,MHDT
Demolition	Hauling	0.00000	20.0000	HHDT
Demolition	Onsite truck	—	—	HHDT
Site Preparation	Worker	40.0000	11.7000	LDA,LDT1,LDT2
Site Preparation	Vendor	—	8.40000	HHDT,MHDT
Site Preparation	Hauling	0.00000	20.0000	HHDT

Site Preparation	Onsite truck	—	—	HHDT
Grading	Worker	50.0000	11.7000	LDA,LDT1,LDT2
Grading	Vendor	—	8.40000	HHDT,MHDT
Grading	Hauling	0.00000	20.0000	HHDT
Grading	Onsite truck	—	—	HHDT
Building Construction	Worker	0.05880	11.7000	LDA,LDT1,LDT2
Building Construction	Vendor	0.02295	8.40000	HHDT,MHDT
Building Construction	Hauling	0.00000	20.0000	HHDT
Building Construction	Onsite truck	—	—	HHDT
Paving	Worker	45.0000	11.7000	LDA,LDT1,LDT2
Paving	Vendor	—	8.40000	HHDT,MHDT
Paving	Hauling	0.00000	20.0000	HHDT
Paving	Onsite truck	—	—	HHDT
Architectural Coating	Worker	0.01176	11.7000	LDA,LDT1,LDT2
Architectural Coating	Vendor	—	8.40000	HHDT,MHDT
Architectural Coating	Hauling	0.00000	20.0000	HHDT
Architectural Coating	Onsite truck	—	—	HHDT
Landscaping	Worker	42.5000	11.7000	LDA,LDT1,LDT2
Landscaping	Vendor	—	8.40000	HHDT,MHDT
Landscaping	Hauling	0.00000	20.0000	HHDT
Landscaping	Onsite truck	—	—	HHDT
Amenities	Worker	42.5000	11.7000	LDA,LDT1,LDT2
Amenities	Vendor	—	8.40000	HHDT,MHDT
Amenities	Hauling	0.00000	20.0000	HHDT
Amenities	Onsite truck	—	—	HHDT

5.3.2. Mitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix

Demolition	Worker	40.0000	11.7000	LDA,LDT1,LDT2
Demolition	Vendor	—	8.40000	HHDT,MHDT
Demolition	Hauling	0.00000	20.0000	HHDT
Demolition	Onsite truck	—	—	HHDT
Site Preparation	Worker	40.0000	11.7000	LDA,LDT1,LDT2
Site Preparation	Vendor	—	8.40000	HHDT,MHDT
Site Preparation	Hauling	0.00000	20.0000	HHDT
Site Preparation	Onsite truck	—	—	HHDT
Grading	Worker	50.0000	11.7000	LDA,LDT1,LDT2
Grading	Vendor	—	8.40000	HHDT,MHDT
Grading	Hauling	0.00000	20.0000	HHDT
Grading	Onsite truck	—	—	HHDT
Building Construction	Worker	0.05880	11.7000	LDA,LDT1,LDT2
Building Construction	Vendor	0.02295	8.40000	HHDT,MHDT
Building Construction	Hauling	0.00000	20.0000	HHDT
Building Construction	Onsite truck	—	—	HHDT
Paving	Worker	45.0000	11.7000	LDA,LDT1,LDT2
Paving	Vendor	—	8.40000	HHDT,MHDT
Paving	Hauling	0.00000	20.0000	HHDT
Paving	Onsite truck	—	—	HHDT
Architectural Coating	Worker	0.01176	11.7000	LDA,LDT1,LDT2
Architectural Coating	Vendor	—	8.40000	HHDT,MHDT
Architectural Coating	Hauling	0.00000	20.0000	HHDT
Architectural Coating	Onsite truck	—	—	HHDT
Landscaping	Worker	42.5000	11.7000	LDA,LDT1,LDT2
Landscaping	Vendor	—	8.40000	HHDT,MHDT
Landscaping	Hauling	0.00000	20.0000	HHDT
Landscaping	Onsite truck	—	—	HHDT

Amenities	Worker	42.5000	11.7000	LDA,LDT1,LDT2
Amenities	Vendor	—	8.40000	HHDT,MHDT
Amenities	Hauling	0.00000	20.0000	HHDT
Amenities	Onsite truck	—	—	HHDT

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

Control Strategies Applied	PM10 Reduction	PM2.5 Reduction
Water unpaved roads twice daily	55%	55%
Limit vehicle speeds on unpaved roads to 25 mph	44%	44%
Sweep paved roads once per month	9%	9%

5.5. Architectural Coatings

Phase Name	Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
Architectural Coating	0.00000	0.00000	210.000	70.0000	34,396.9

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

Phase Name	Material Imported (cy)	Material Exported (cy)	Acres Graded (acres)	Material Demolished (sq. ft.)	Acres Paved (acres)
Demolition	0.00000	0.00000	0.00000	—	0.00000
Site Preparation	—	—	0.00000	0.00000	0.00000
Grading	—	—	1.50000	0.00000	0.00000
Paving	0.00000	0.00000	0.00000	0.00000	13.1607

5.6.2. Construction Earthmoving Control Strategies

Control Strategies Applied	Frequency (per day)	PM10 Reduction	PM2.5 Reduction
Water Exposed Area	2	61%	61%

5.7. Construction Paving

Phase Name	Land Use	Area Paved (acres)	% Asphalt
Paving	Health Club	0.00000	0%
Paving	Parking Lot	3.97800	100%
Paving	Other Asphalt Surfaces	9.18274	100%

5.8. Construction Electricity Consumption and Emissions Factors

kWh per Year and Emission Factor (lb/MWh)

Year	kWh per Year	CO2	CH4	N2O
2027	0.00000	203.983	0.03300	0.00400

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1.2. Mitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.1.2. Mitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.2. Sequestration

5.18.2.1. Unmitigated

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

5.18.2.2. Mitigated

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

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

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

Climate Hazard	Result for Project Location	Unit
Temperature and Extreme Heat	7.10000	annual days of extreme heat
Extreme Precipitation	7.50000	annual days with precipitation above 20 mm
Sea Level Rise	—	meters of inundation depth
Wildfire	0.00000	annual hectares burned

Temperature and Extreme Heat data are for grid cell in which your project are located. The projection is based on the 98th historical percentile of daily maximum/minimum temperatures from observed historical data (32 climate model ensemble from Cal-Adapt, 2040–2059 average under RCP 8.5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Extreme Precipitation data are for the grid cell in which your project are located. The threshold of 20 mm is equivalent to about ¾ an inch of rain, which would be light to moderate rainfall if received over a full day or heavy rain if received over a period of 2 to 4 hours. Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

Sea Level Rise data are for the grid cell in which your project are located. The projections are from Radke et al. (2017), as reported in Cal-Adapt (Radke et al., 2017, CEC-500-2017-008), and consider inundation location and depth for the San Francisco Bay, the Sacramento-San Joaquin River Delta and California coast resulting different increments of sea level rise coupled with extreme storm events. Users may select from four scenarios to view the range in potential inundation depth for the grid cell. The four scenarios are: No rise, 0.5 meter, 1.0 meter, 1.41 meters
Wildfire data are for the grid cell in which your project are located. The projections are from UC Davis, as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider historical data of climate, vegetation, population density, and large (> 400 ha) fire history. Users may select from four model simulations to view the range in potential wildfire probabilities for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

6.2. Initial Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	N/A	N/A	N/A	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	N/A	N/A	N/A	N/A
Wildfire	N/A	N/A	N/A	N/A
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	N/A	N/A	N/A	N/A

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores do not include implementation of climate risk reduction measures.

6.3. Adjusted Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	N/A	N/A	N/A	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	N/A	N/A	N/A	N/A
Wildfire	N/A	N/A	N/A	N/A
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A

Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	N/A	N/A	N/A	N/A

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores include implementation of climate risk reduction measures.

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Exposure Indicators	—
AQ-Ozone	—
AQ-PM	—
AQ-DPM	—
Drinking Water	—
Lead Risk Housing	—
Pesticides	—
Toxic Releases	—
Traffic	—
Effect Indicators	—
CleanUp Sites	—
Groundwater	—
Haz Waste Facilities/Generators	—
Impaired Water Bodies	—
Solid Waste	—

Sensitive Population	—
Asthma	—
Cardio-vascular	—
Low Birth Weights	—
Socioeconomic Factor Indicators	—
Education	—
Housing	—
Linguistic	—
Poverty	—
Unemployment	—

7.2. Healthy Places Index Scores

The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Economic	—
Above Poverty	38.14962146
Employed	54.83125882
Median HI	49.50596689
Education	—
Bachelor's or higher	87.48877197
High school enrollment	100
Preschool enrollment	89.32375209
Transportation	—
Auto Access	21.89144104
Active commuting	95.983575
Social	—
2-parent households	21.35249583
Voting	58.28307455

Neighborhood	—
Alcohol availability	33.79956371
Park access	81.35506224
Retail density	94.80302836
Supermarket access	85.8462723
Tree canopy	44.66829206
Housing	—
Homeownership	12.81919672
Housing habitability	45.96432696
Low-inc homeowner severe housing cost burden	53.31707943
Low-inc renter severe housing cost burden	74.69523932
Uncrowded housing	34.89028615
Health Outcomes	—
Insured adults	76.54305146
Arthritis	26.6
Asthma ER Admissions	14.1
High Blood Pressure	32.4
Cancer (excluding skin)	40.8
Asthma	21.6
Coronary Heart Disease	51.0
Chronic Obstructive Pulmonary Disease	35.3
Diagnosed Diabetes	47.0
Life Expectancy at Birth	57.1
Cognitively Disabled	6.9
Physically Disabled	30.9
Heart Attack ER Admissions	62.3
Mental Health Not Good	44.5
Chronic Kidney Disease	55.3

Obesity	34.3
Pedestrian Injuries	99.9
Physical Health Not Good	45.1
Stroke	29.9
Health Risk Behaviors	—
Binge Drinking	68.3
Current Smoker	47.6
No Leisure Time for Physical Activity	59.9
Climate Change Exposures	—
Wildfire Risk	0.0
SLR Inundation Area	33.2
Children	0.4
Elderly	77.9
English Speaking	98.1
Foreign-born	21.5
Outdoor Workers	83.2
Climate Change Adaptive Capacity	—
Impervious Surface Cover	9.5
Traffic Density	94.5
Traffic Access	68.4
Other Indices	—
Hardship	61.1
Other Decision Support	—
2016 Voting	47.8

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	—

Healthy Places Index Score for Project Location (b)	76.0000
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	Yes
Project Located in a Low-Income Community (Assembly Bill 1550)	No
Project Located in a Community Air Protection Program Community (Assembly Bill 617)	No

a: The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.
b: The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

7.4. Health & Equity Measures

No Health & Equity Measures selected.

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

8. User Changes to Default Data

8.1. Justifications

Screen	Justification
Construction: Construction Phases	Uses one workday as a multiplier for construction activity duration provided by applicant. See Construction Duration by Phase worksheet or Project Description. Added Architectural Coating activity to account for emissions from painting
Construction: Off-Road Equipment	based on data provided by client
Construction: Architectural Coatings	based on land use data for restrooms and parking area

8.4. Construction

8.4.1. Construction Phases

Phase Type	Phase Name	Model Parameter	Default Value	New Value
Demolition	Demolition	End Date	4/29/2027	4/1/2027

Demolition	Demolition	Work Days per Phase	20.0000	1.000000
Site Preparation	Site Preparation	Start Date	4/30/2027	4/1/2027
Site Preparation	Site Preparation	End Date	5/14/2027	4/1/2027
Site Preparation	Site Preparation	Work Days per Phase	10.00000	1.000000
Grading	Grading	Start Date	5/15/2027	4/1/2027
Grading	Grading	End Date	6/26/2027	4/1/2027
Grading	Grading	Work Days per Phase	30.0000	1.000000
Building Construction	Building Construction	Start Date	6/27/2027	4/1/2027
Building Construction	Building Construction	End Date	8/20/2028	4/1/2027
Building Construction	Building Construction	Work Days per Phase	300.000	1.000000
Architectural Coating	Architectural Coating	Start Date	9/19/2028	4/1/2027
Architectural Coating	Architectural Coating	End Date	10/17/2028	4/1/2027
Architectural Coating	Architectural Coating	Work Days per Phase	20.0000	1.000000
Paving	Paving	Start Date	8/21/2028	4/1/2027
Paving	Paving	End Date	9/18/2028	4/1/2027
Paving	Paving	Work Days per Phase	20.0000	1.000000

8.4.2. Off-Road Equipment

Phase Name	Equipment Type	Model Parameter	Default Value	New Value
Landscaping	Signal Boards	Number per Day	30.0000	3.00000

Berkeley WTPF Project - Water Construction Custom Report

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1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	Berkeley WTPF Project - Water Construction
Construction Start Date	4/1/2027
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	3.90
Precipitation (days)	17.0
Location	37.865556962073796, -122.31152823274923
County	Alameda
City	Berkeley
Air District	Bay Area AQMD
Air Basin	San Francisco Bay Area
TAZ	1532
EDFZ	1
Electric Utility	Pacific Gas & Electric Company
Gas Utility	Pacific Gas & Electric
App Version	2022.1.1.29

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description
Health Club	0.14	1000sqft	< 0.005	140	—	—	—	—
Parking Lot	442	Space	3.98	0.00	—	—	—	—

Other Asphalt Surfaces	400	1000sqft	9.18	0.00	—	—	—	—

1.3. User-Selected Emission Reduction Measures by Emissions Sector

Sector	#	Measure Title
Construction	C-5	Use Advanced Engine Tiers

2. Emissions Summary

2.1. Construction Emissions Compared Against Thresholds

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

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	4,329	4,322	235	692	0.57	5.79	1.00	6.79	5.17	0.24	5.41	—	51,574	51,574	2.09	0.47	3.56	51,770
Mit.	4,307	4,305	172	662	0.29	3.61	1.00	4.62	3.25	0.24	3.48	—	29,915	29,915	1.21	0.29	3.56	30,037
% Reduced	1%	< 0.5%	27%	4%	49%	38%	—	32%	37%	—	36%	—	42%	42%	42%	37%	—	42%
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	11.9	11.8	0.64	1.89	< 0.005	0.02	< 0.005	0.02	0.01	< 0.005	0.01	—	141	141	0.01	< 0.005	< 0.005	142
Mit.	11.8	11.8	0.47	1.81	< 0.005	0.01	< 0.005	0.01	0.01	< 0.005	0.01	—	81.8	81.8	< 0.005	< 0.005	< 0.005	82.1
% Reduced	1%	< 0.5%	27%	4%	—	38%	—	32%	37%	—	36%	—	42%	42%	42%	—	—	42%
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	2.16	2.16	0.12	0.35	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	23.4	23.4	< 0.005	< 0.005	< 0.005	23.5
Mit.	2.15	2.15	0.09	0.33	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	13.5	13.5	< 0.005	< 0.005	< 0.005	13.6

% Reduced	1%	< 0.5%	27%	4%	49%	38%	—	32%	37%	—	36%	—	42%	42%	42%	37%	—	42%

2.2. Construction Emissions by Year, Unmitigated

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

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2027	4,329	4,322	235	692	0.57	5.79	1.00	6.79	5.17	0.24	5.41	—	51,574	51,574	2.09	0.47	3.56	51,770
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2027	11.9	11.8	0.64	1.89	< 0.005	0.02	< 0.005	0.02	0.01	< 0.005	0.01	—	141	141	0.01	< 0.005	< 0.005	142
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2027	2.16	2.16	0.12	0.35	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	23.4	23.4	< 0.005	< 0.005	< 0.005	23.5

2.3. Construction Emissions by Year, Mitigated

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

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2027	4,307	4,305	172	662	0.29	3.61	1.00	4.62	3.25	0.24	3.48	—	29,915	29,915	1.21	0.29	3.56	30,037
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2027	11.8	11.8	0.47	1.81	< 0.005	0.01	< 0.005	0.01	0.01	< 0.005	0.01	—	81.8	81.8	< 0.005	< 0.005	< 0.005	82.1

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2027	2.15	2.15	0.09	0.33	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	13.5	13.5	< 0.005	< 0.005	< 0.005	13.6

3. Construction Emissions Details

3.1. Demolition (2027) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	4,148	4,145	91.7	518	0.26	2.32	—	2.32	1.98	—	1.98	—	24,706	24,706	1.02	0.20	—	24,793
Demolition	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	11.4	11.4	0.25	1.42	< 0.005	0.01	—	0.01	0.01	—	0.01	—	67.7	67.7	< 0.005	< 0.005	—	67.9
Demolition	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Roa Equipment	2.07	2.07	0.05	0.26	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	11.2	11.2	< 0.005	< 0.005	—	11.2
Demoliti on	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.15	0.14	0.09	1.60	0.00	0.00	0.39	0.39	0.00	0.09	0.09	—	396	396	0.01	0.02	1.34	402
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.01	1.01	< 0.005	< 0.005	< 0.005	1.03
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.17	0.17	< 0.005	< 0.005	< 0.005	0.17
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.2. Demolition (2027) - Mitigated

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

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

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	4,141	4,140	74.9	513	0.18	2.06	—	2.06	1.77	—	1.77	—	18,633	18,633	0.78	0.16	—	18,698
Demolition	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	11.3	11.3	0.21	1.40	< 0.005	0.01	—	0.01	< 0.005	—	< 0.005	—	51.0	51.0	< 0.005	< 0.005	—	51.2
Demolition	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.07	2.07	0.04	0.26	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	8.45	8.45	< 0.005	< 0.005	—	8.48
Demolition	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	0.15	0.14	0.09	1.60	0.00	0.00	0.39	0.39	0.00	0.09	0.09	—	396	396	0.01	0.02	1.34	402
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.01	1.01	< 0.005	< 0.005	< 0.005	1.03
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.17	0.17	< 0.005	< 0.005	< 0.005	0.17
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.3. Dredging (2027) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	3.81	3.15	25.1	31.5	0.05	0.59	—	0.59	0.54	—	0.54	—	4,076	4,076	0.17	0.03	—	4,090
Dust From Material Movement	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.07	0.09	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	11.2	11.2	< 0.005	< 0.005	—	11.2
Dust From Material Movement	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.01	0.02	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	1.85	1.85	< 0.005	< 0.005	—	1.85
Dust From Material Movement	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.05	0.03	0.59	0.00	0.00	0.14	0.14	0.00	0.03	0.03	—	146	146	< 0.005	0.01	0.49	148
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.37	0.37	< 0.005	< 0.005	< 0.005	0.38
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.06	0.06	< 0.005	< 0.005	< 0.005	0.06
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.4. Dredging (2027) - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.70	0.67	16.4	23.3	0.01	0.28	—	0.28	0.26	—	0.26	—	905	905	0.04	0.01	—	908
Dust From Material Movement	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.05	0.06	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	2.48	2.48	< 0.005	< 0.005	—	2.49
Dust From Material Movement	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.41	0.41	< 0.005	< 0.005	—	0.41
Dust From Material Movement	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.05	0.03	0.59	0.00	0.00	0.14	0.14	0.00	0.03	0.03	—	146	146	< 0.005	0.01	0.49	148
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.37	0.37	< 0.005	< 0.005	< 0.005	0.38

Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.06	0.06	< 0.005	< 0.005	< 0.005	0.06
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.5. PIle Installation (2027) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	4.75	3.94	41.6	39.1	0.08	0.89	—	0.89	0.82	—	0.82	—	7,357	7,357	0.30	0.06	—	7,382
Dust From Material Movement	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.11	0.11	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	20.2	20.2	< 0.005	< 0.005	—	20.2

Dust From Material Movement	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	3.34	3.34	< 0.005	< 0.005	—	3.35
Dust From Material Movement	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.06	0.04	0.76	0.00	0.00	0.19	0.19	0.00	0.04	0.04	—	188	188	< 0.005	0.01	0.64	190
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.48	0.48	< 0.005	< 0.005	< 0.005	0.49
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.08	0.08	< 0.005	< 0.005	< 0.005	0.08

Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.6. PIle Installation (2027) - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.09	1.05	30.3	40.1	0.04	0.56	—	0.56	0.55	—	0.55	—	4,186	4,186	0.17	0.03	—	4,201
Dust From Material Movement	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.08	0.11	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	11.5	11.5	< 0.005	< 0.005	—	11.5
Dust From Material Movement	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	1.90	1.90	< 0.005	< 0.005	—	1.91
Dust From Material Movement	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.06	0.04	0.76	0.00	0.00	0.19	0.19	0.00	0.04	0.04	—	188	188	< 0.005	0.01	0.64	190
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.48	0.48	< 0.005	< 0.005	< 0.005	0.49
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.08	0.08	< 0.005	< 0.005	< 0.005	0.08
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.7. Deck, Float, Gangway Construction (2027) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	4.08	3.39	29.4	37.4	0.07	0.78	—	0.78	0.72	—	0.72	—	5,793	5,793	0.24	0.05	—	5,813
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.08	0.10	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	15.9	15.9	< 0.005	< 0.005	—	15.9
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.01	0.02	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	2.63	2.63	< 0.005	< 0.005	—	2.64
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.49	0.49	< 0.005	< 0.005	< 0.005	0.50
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.59	0.59	< 0.005	< 0.005	< 0.005	0.62

Hauling	0.01	< 0.005	0.14	0.06	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	116	116	0.01	0.02	0.24	122
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Hauling	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.32	0.32	< 0.005	< 0.005	< 0.005	0.34
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Hauling	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.05	0.05	< 0.005	< 0.005	< 0.005	0.06

3.8. Deck, Float, Gangway Construction (2027) - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.95	0.92	23.3	33.8	0.03	0.50	—	0.50	0.46	—	0.46	—	2,890	2,890	0.12	0.02	—	2,900
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Roa Equipment	< 0.005	< 0.005	0.06	0.09	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	7.92	7.92	< 0.005	< 0.005	—	7.95
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Roa d Equipm ent	< 0.005	< 0.005	0.01	0.02	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	1.31	1.31	< 0.005	< 0.005	—	1.32
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.49	0.49	< 0.005	< 0.005	< 0.005	0.50
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.59	0.59	< 0.005	< 0.005	< 0.005	0.62
Hauling	0.01	< 0.005	0.14	0.06	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	116	116	0.01	0.02	0.24	122
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Hauling	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.32	0.32	< 0.005	< 0.005	< 0.005	0.34
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Hauling	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.05	0.05	< 0.005	< 0.005	< 0.005	0.06

3.9. Architectural Coating (2027) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.40	1.16	8.51	11.5	0.02	0.19	—	0.19	0.18	—	0.18	—	1,366	1,366	0.06	0.01	—	1,371
Architectural Coatings	161	161	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.02	0.03	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	3.74	3.74	< 0.005	< 0.005	—	3.76
Architectural Coatings	0.44	0.44	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	< 0.005	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.62	0.62	< 0.005	< 0.005	—	0.62

Architectural	0.08	0.08	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.10	0.10	< 0.005	< 0.005	< 0.005	0.10
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.10. Architectural Coating (2027) - Mitigated

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

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

Off-Roa Equipment	0.19	0.19	5.17	8.90	—	0.02	—	0.02	0.02	—	0.02	—	—	—	—	—	—	—
Architectural Coatings	161	161	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.01	0.02	—	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	—	—	—	—	—	—
Architectural Coatings	0.44	0.44	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	—	—	—	—	—	—
Architectural Coatings	0.08	0.08	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.10	0.10	< 0.005	< 0.005	< 0.005	0.10
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.11. Amenities (2027) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	5.76	4.78	38.4	50.1	0.09	1.02	—	1.02	0.94	—	0.94	—	7,178	7,178	0.29	0.06	—	7,203
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.01	0.11	0.14	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	19.7	19.7	< 0.005	< 0.005	—	19.7
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.02	0.03	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	3.26	3.26	< 0.005	< 0.005	—	3.27
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.10	0.09	0.06	1.01	0.00	0.00	0.25	0.25	0.00	0.06	0.06	—	250	250	< 0.005	0.01	0.85	254
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.64	0.64	< 0.005	< 0.005	< 0.005	0.65
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.11	0.11	< 0.005	< 0.005	< 0.005	0.11
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.12. Amenities (2027) - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.09	1.05	21.8	38.8	0.02	0.19	—	0.19	0.19	—	0.19	—	2,203	2,203	0.09	0.02	—	2,211
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.06	0.11	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	6.04	6.04	< 0.005	< 0.005	—	6.06
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.01	0.02	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	1.00	1.00	< 0.005	< 0.005	—	1.00

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.10	0.09	0.06	1.01	0.00	0.00	0.25	0.25	0.00	0.06	0.06	—	250	250	< 0.005	0.01	0.85	254
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.64	0.64	< 0.005	< 0.005	< 0.005	0.65
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.11	0.11	< 0.005	< 0.005	< 0.005	0.11
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

4. Operations Emissions Details

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

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

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

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

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

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

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

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

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

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

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

4.10.4. Soil Carbon Accumulation By Vegetation Type - Mitigated

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

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

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

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

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

4.10.6. Avoided and Sequestered Emissions by Species - Mitigated

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

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

Remove	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

5. Activity Data

5.1. Construction Schedule

Phase Name	Phase Type	Start Date	End Date	Days Per Week	Work Days per Phase	Phase Description
Demolition	Demolition	4/1/2027	4/1/2027	5.00	1.00	—
Dredging	Site Preparation	4/1/2027	4/1/2027	5.00	1.00	—
PIle Installation	Grading	4/1/2027	4/1/2027	5.00	1.00	—
Deck, Float, Gangway Construction	Building Construction	4/1/2027	4/1/2027	5.00	1.00	—
Architectural Coating	Architectural Coating	4/1/2027	4/1/2027	5.00	1.00	—
Amenities	Trenching	4/1/2027	4/1/2027	5.00	1.00	—

5.2. Off-Road Equipment

5.2.1. Unmitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Demolition	Concrete/Industrial Saws	Diesel	Average	2.00	8.00	74.3	0.73
Demolition	Air Compressors	Diesel	Average	2.00	8.00	142	0.48
Demolition	Crushing/Proc. Equipment	Gasoline	Average	2.00	8.00	540	0.85
Demolition	Generator Sets	Diesel	Average	4.00	8.00	12.0	0.74
Demolition	Pumps	Diesel	Average	4.00	8.00	49.0	0.74
Demolition	Skid Steer Loaders	Diesel	Average	2.00	8.00	74.3	0.37
Demolition	Welders	Diesel	Average	2.00	8.00	400	0.45

Demolition	Other Construction Equipment	Diesel	Average	1.00	8.00	765	0.42
Dredging	Air Compressors	Diesel	Average	2.00	8.00	142	0.48
Dredging	Generator Sets	Diesel	Average	2.00	8.00	12.0	0.74
Dredging	Pumps	Diesel	Average	2.00	8.00	49.0	0.74
Dredging	Welders	Diesel	Average	1.00	8.00	400	0.45
PIle Installation	Air Compressors	Diesel	Average	2.00	8.00	142	0.48
PIle Installation	Generator Sets	Diesel	Average	2.00	8.00	12.0	0.74
PIle Installation	Pumps	Diesel	Average	2.00	8.00	49.0	0.74
PIle Installation	Welders	Diesel	Average	1.00	8.00	400	0.45
PIle Installation	Other Construction Equipment	Diesel	Average	1.00	8.00	765	0.42
PIle Installation	Other Construction Equipment	Diesel	Average	1.00	8.00	75.0	0.42
Deck, Float, Gangway Construction	Aerial Lifts	Diesel	Average	2.00	8.00	82.0	0.31
Deck, Float, Gangway Construction	Concrete/Industrial Saws	Diesel	Average	2.00	8.00	74.3	0.73
Deck, Float, Gangway Construction	Cranes	Diesel	Average	1.00	8.00	290	0.29
Deck, Float, Gangway Construction	Forklifts	Diesel	Average	1.00	8.00	164	0.20
Deck, Float, Gangway Construction	Generator Sets	Diesel	Average	2.00	8.00	12.0	0.74
Deck, Float, Gangway Construction	Pumps	Diesel	Average	2.00	8.00	49.0	0.74
Deck, Float, Gangway Construction	Rough Terrain Forklifts	Diesel	Average	1.00	8.00	114	0.40
Deck, Float, Gangway Construction	Welders	Diesel	Average	1.00	8.00	400	0.45
Architectural Coating	Air Compressors	Diesel	Average	2.00	8.00	142	0.48
Amenities	Aerial Lifts	Diesel	Average	2.00	8.00	82.0	0.31

Amenities	Air Compressors	Diesel	Average	2.00	8.00	142	0.48
Amenities	Cranes	Diesel	Average	1.00	8.00	290	0.29
Amenities	Forklifts	Diesel	Average	1.00	8.00	164	0.20
Amenities	Generator Sets	Diesel	Average	2.00	8.00	12.0	0.74
Amenities	Pressure Washers	Diesel	Average	1.00	8.00	13.0	0.30
Amenities	Rough Terrain Forklifts	Diesel	Average	1.00	8.00	114	0.40
Amenities	Welders	Diesel	Average	2.00	8.00	400	0.45

5.2.2. Mitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Demolition	Concrete/Industrial Saws	Diesel	Tier 4 Interim	2.00	8.00	74.3	0.73
Demolition	Air Compressors	Diesel	Tier 4 Interim	2.00	8.00	142	0.48
Demolition	Crushing/Proc. Equipment	Gasoline	Average	2.00	8.00	540	0.85
Demolition	Generator Sets	Diesel	Average	4.00	8.00	12.0	0.74
Demolition	Pumps	Diesel	Tier 4 Interim	4.00	8.00	49.0	0.74
Demolition	Skid Steer Loaders	Diesel	Tier 4 Interim	2.00	8.00	74.3	0.37
Demolition	Welders	Diesel	Tier 4 Interim	2.00	8.00	400	0.45
Demolition	Other Construction Equipment	Diesel	Tier 4 Interim	1.00	8.00	765	0.42
Dredging	Air Compressors	Diesel	Tier 4 Interim	2.00	8.00	142	0.48
Dredging	Generator Sets	Diesel	Average	2.00	8.00	12.0	0.74
Dredging	Pumps	Diesel	Tier 4 Interim	2.00	8.00	49.0	0.74
Dredging	Welders	Diesel	Tier 4 Interim	1.00	8.00	400	0.45
PIle Installation	Air Compressors	Diesel	Tier 4 Interim	2.00	8.00	142	0.48
PIle Installation	Generator Sets	Diesel	Average	2.00	8.00	12.0	0.74
PIle Installation	Pumps	Diesel	Tier 4 Interim	2.00	8.00	49.0	0.74
PIle Installation	Welders	Diesel	Tier 4 Interim	1.00	8.00	400	0.45

PIle Installation	Other Construction Equipment	Diesel	Tier 4 Interim	1.00	8.00	765	0.42
PIle Installation	Other Construction Equipment	Diesel	Tier 4 Interim	1.00	8.00	75.0	0.42
Deck, Float, Gangway Construction	Aerial Lifts	Diesel	Tier 4 Interim	2.00	8.00	82.0	0.31
Deck, Float, Gangway Construction	Concrete/Industrial Saws	Diesel	Tier 4 Interim	2.00	8.00	74.3	0.73
Deck, Float, Gangway Construction	Cranes	Diesel	Tier 4 Interim	1.00	8.00	290	0.29
Deck, Float, Gangway Construction	Forklifts	Diesel	Tier 4 Interim	1.00	8.00	164	0.20
Deck, Float, Gangway Construction	Generator Sets	Diesel	Average	2.00	8.00	12.0	0.74
Deck, Float, Gangway Construction	Pumps	Diesel	Tier 4 Interim	2.00	8.00	49.0	0.74
Deck, Float, Gangway Construction	Rough Terrain Forklifts	Diesel	Tier 4 Interim	1.00	8.00	114	0.40
Deck, Float, Gangway Construction	Welders	Diesel	Tier 4 Interim	1.00	8.00	400	0.45
Architectural Coating	Air Compressors	Diesel	Tier 4 Interim	2.00	8.00	142	0.48
Amenities	Aerial Lifts	Diesel	Tier 4 Interim	2.00	8.00	82.0	0.31
Amenities	Air Compressors	Diesel	Tier 4 Interim	2.00	8.00	142	0.48
Amenities	Cranes	Diesel	Tier 4 Interim	1.00	8.00	290	0.29
Amenities	Forklifts	Diesel	Tier 4 Interim	1.00	8.00	164	0.20
Amenities	Generator Sets	Diesel	Average	2.00	8.00	12.0	0.74
Amenities	Pressure Washers	Diesel	Average	1.00	8.00	13.0	0.30
Amenities	Rough Terrain Forklifts	Diesel	Tier 4 Interim	1.00	8.00	114	0.40
Amenities	Welders	Diesel	Tier 4 Interim	2.00	8.00	400	0.45

5.3. Construction Vehicles

5.3.1. Unmitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Demolition	—	—	—	—
Demolition	Worker	47.5	11.7	LDA,LDT1,LDT2
Demolition	Vendor	—	8.40	HHDT,MHDT
Demolition	Hauling	0.00	20.0	HHDT
Demolition	Onsite truck	—	—	HHDT
Dredging	—	—	—	—
Dredging	Worker	17.5	11.7	LDA,LDT1,LDT2
Dredging	Vendor	—	8.40	HHDT,MHDT
Dredging	Hauling	0.00	20.0	HHDT
Dredging	Onsite truck	—	—	HHDT
PIle Installation	—	—	—	—
PIle Installation	Worker	22.5	11.7	LDA,LDT1,LDT2
PIle Installation	Vendor	—	8.40	HHDT,MHDT
PIle Installation	Hauling	0.00	20.0	HHDT
PIle Installation	Onsite truck	—	—	HHDT
Deck, Float, Gangway Construction	—	—	—	—
Deck, Float, Gangway Construction	Worker	0.06	11.7	LDA,LDT1,LDT2
Deck, Float, Gangway Construction	Vendor	0.02	8.40	HHDT,MHDT
Deck, Float, Gangway Construction	Hauling	1.73	20.0	HHDT
Deck, Float, Gangway Construction	Onsite truck	—	—	HHDT
Architectural Coating	—	—	—	—
Architectural Coating	Worker	0.01	11.7	LDA,LDT1,LDT2
Architectural Coating	Vendor	—	8.40	HHDT,MHDT
Architectural Coating	Hauling	0.00	20.0	HHDT
Architectural Coating	Onsite truck	—	—	HHDT
Amenities	—	—	—	—

Amenities	Worker	30.0	11.7	LDA,LDT1,LDT2
Amenities	Vendor	—	8.40	HHDT,MHDT
Amenities	Hauling	0.00	20.0	HHDT
Amenities	Onsite truck	—	—	HHDT

5.3.2. Mitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Demolition	—	—	—	—
Demolition	Worker	47.5	11.7	LDA,LDT1,LDT2
Demolition	Vendor	—	8.40	HHDT,MHDT
Demolition	Hauling	0.00	20.0	HHDT
Demolition	Onsite truck	—	—	HHDT
Dredging	—	—	—	—
Dredging	Worker	17.5	11.7	LDA,LDT1,LDT2
Dredging	Vendor	—	8.40	HHDT,MHDT
Dredging	Hauling	0.00	20.0	HHDT
Dredging	Onsite truck	—	—	HHDT
PIle Installation	—	—	—	—
PIle Installation	Worker	22.5	11.7	LDA,LDT1,LDT2
PIle Installation	Vendor	—	8.40	HHDT,MHDT
PIle Installation	Hauling	0.00	20.0	HHDT
PIle Installation	Onsite truck	—	—	HHDT
Deck, Float, Gangway Construction	—	—	—	—
Deck, Float, Gangway Construction	Worker	0.06	11.7	LDA,LDT1,LDT2
Deck, Float, Gangway Construction	Vendor	0.02	8.40	HHDT,MHDT
Deck, Float, Gangway Construction	Hauling	1.73	20.0	HHDT
Deck, Float, Gangway Construction	Onsite truck	—	—	HHDT
Architectural Coating	—	—	—	—

Architectural Coating	Worker	0.01	11.7	LDA,LDT1,LDT2
Architectural Coating	Vendor	—	8.40	HHDT,MHDT
Architectural Coating	Hauling	0.00	20.0	HHDT
Architectural Coating	Onsite truck	—	—	HHDT
Amenities	—	—	—	—
Amenities	Worker	30.0	11.7	LDA,LDT1,LDT2
Amenities	Vendor	—	8.40	HHDT,MHDT
Amenities	Hauling	0.00	20.0	HHDT
Amenities	Onsite truck	—	—	HHDT

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

Control Strategies Applied	PM10 Reduction	PM2.5 Reduction
Water unpaved roads twice daily	55%	55%
Limit vehicle speeds on unpaved roads to 25 mph	44%	44%
Sweep paved roads once per month	9%	9%

5.5. Architectural Coatings

Phase Name	Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
Architectural Coating	0.00	0.00	210	70.0	34,397

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

Phase Name	Material Imported (cy)	Material Exported (cy)	Acres Graded (acres)	Material Demolished (sq. ft.)	Acres Paved (acres)
Demolition	0.00	0.00	0.00	—	—

Dredging	—	—	0.00	0.00	—
PIle Installation	—	—	0.00	0.00	—

5.6.2. Construction Earthmoving Control Strategies

Control Strategies Applied	Frequency (per day)	PM10 Reduction	PM2.5 Reduction
Water Exposed Area	2	61%	61%

5.7. Construction Paving

Land Use	Area Paved (acres)	% Asphalt
Health Club	0.00	0%
Parking Lot	3.98	100%
Other Asphalt Surfaces	9.18	100%

5.8. Construction Electricity Consumption and Emissions Factors

kWh per Year and Emission Factor (lb/MWh)

Year	kWh per Year	CO2	CH4	N2O
2027	0.00	204	0.03	< 0.005

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1.2. Mitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.1.2. Mitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.2. Sequestration

5.18.2.1. Unmitigated

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

5.18.2.2. Mitigated

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

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

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

Climate Hazard	Result for Project Location	Unit
Temperature and Extreme Heat	7.10	annual days of extreme heat
Extreme Precipitation	7.50	annual days with precipitation above 20 mm
Sea Level Rise	—	meters of inundation depth
Wildfire	0.00	annual hectares burned

Temperature and Extreme Heat data are for grid cell in which your project are located. The projection is based on the 98th historical percentile of daily maximum/minimum temperatures from observed historical data (32 climate model ensemble from Cal-Adapt, 2040–2059 average under RCP 8.5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Extreme Precipitation data are for the grid cell in which your project are located. The threshold of 20 mm is equivalent to about ¾ an inch of rain, which would be light to moderate rainfall if received over a full day or heavy rain if received over a period of 2 to 4 hours. Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Sea Level Rise data are for the grid cell in which your project are located. The projections are from Radke et al. (2017), as reported in Cal-Adapt (Radke et al., 2017, CEC-500-2017-008), and consider inundation location and depth for the San Francisco Bay, the Sacramento-San Joaquin River Delta and California coast resulting different increments of sea level rise coupled with extreme storm events. Users may select from four scenarios to view the range in potential inundation depth for the grid cell. The four scenarios are: No rise, 0.5 meter, 1.0 meter, 1.41 meters
Wildfire data are for the grid cell in which your project are located. The projections are from UC Davis, as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider historical data of climate, vegetation, population density, and large (> 400 ha) fire history. Users may select from four model simulations to view the range in potential wildfire probabilities for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

6.2. Initial Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	N/A	N/A	N/A	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	N/A	N/A	N/A	N/A
Wildfire	N/A	N/A	N/A	N/A
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	N/A	N/A	N/A	N/A

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores do not include implementation of climate risk reduction measures.

6.3. Adjusted Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	N/A	N/A	N/A	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	N/A	N/A	N/A	N/A

Wildfire	N/A	N/A	N/A	N/A
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	N/A	N/A	N/A	N/A

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores include implementation of climate risk reduction measures.

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Exposure Indicators	—
AQ-Ozone	—
AQ-PM	—
AQ-DPM	—
Drinking Water	—
Lead Risk Housing	—
Pesticides	—
Toxic Releases	—
Traffic	—
Effect Indicators	—
CleanUp Sites	—
Groundwater	—
Haz Waste Facilities/Generators	—

Impaired Water Bodies	—
Solid Waste	—
Sensitive Population	—
Asthma	—
Cardio-vascular	—
Low Birth Weights	—
Socioeconomic Factor Indicators	—
Education	—
Housing	—
Linguistic	—
Poverty	—
Unemployment	—

7.2. Healthy Places Index Scores

The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Economic	—
Above Poverty	38.14962146
Employed	54.83125882
Median HI	49.50596689
Education	—
Bachelor's or higher	87.48877197
High school enrollment	100
Preschool enrollment	89.32375209
Transportation	—
Auto Access	21.89144104
Active commuting	95.983575
Social	—

2-parent households	21.35249583
Voting	58.28307455
Neighborhood	—
Alcohol availability	33.79956371
Park access	81.35506224
Retail density	94.80302836
Supermarket access	85.8462723
Tree canopy	44.66829206
Housing	—
Homeownership	12.81919672
Housing habitability	45.96432696
Low-inc homeowner severe housing cost burden	53.31707943
Low-inc renter severe housing cost burden	74.69523932
Uncrowded housing	34.89028615
Health Outcomes	—
Insured adults	76.54305146
Arthritis	26.6
Asthma ER Admissions	14.1
High Blood Pressure	32.4
Cancer (excluding skin)	40.8
Asthma	21.6
Coronary Heart Disease	51.0
Chronic Obstructive Pulmonary Disease	35.3
Diagnosed Diabetes	47.0
Life Expectancy at Birth	57.1
Cognitively Disabled	6.9
Physically Disabled	30.9
Heart Attack ER Admissions	62.3

Mental Health Not Good	44.5
Chronic Kidney Disease	55.3
Obesity	34.3
Pedestrian Injuries	99.9
Physical Health Not Good	45.1
Stroke	29.9
Health Risk Behaviors	—
Binge Drinking	68.3
Current Smoker	47.6
No Leisure Time for Physical Activity	59.9
Climate Change Exposures	—
Wildfire Risk	0.0
SLR Inundation Area	33.2
Children	0.4
Elderly	77.9
English Speaking	98.1
Foreign-born	21.5
Outdoor Workers	83.2
Climate Change Adaptive Capacity	—
Impervious Surface Cover	9.5
Traffic Density	94.5
Traffic Access	68.4
Other Indices	—
Hardship	61.1
Other Decision Support	—
2016 Voting	47.8

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	—
Healthy Places Index Score for Project Location (b)	76.0
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	Yes
Project Located in a Low-Income Community (Assembly Bill 1550)	No
Project Located in a Community Air Protection Program Community (Assembly Bill 617)	No

a: The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.
b: The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

7.4. Health & Equity Measures

No Health & Equity Measures selected.

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

8. User Changes to Default Data

Screen	Justification
Construction: Construction Phases	Uses one workday as a multiplier for construction activity duration provided by applicant. See Construction Duration by Phase worksheet or Project Description
Construction: Off-Road Equipment	based on data provided by client
Construction: Trips and VMT	concrete truck 13 times per month during Deck, Float, Gangway Construction
Construction: Architectural Coatings	based on land use data for restrooms and parking area

Berkeley WTPF Project - Existing VMT and EV Charging Emissions Custom Report

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1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	Berkeley WTPF Project - Existing VMT and EV Charging Emissions
Operational Year	2045
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	3.90000
Precipitation (days)	17.0000
Location	37.865556962073796, -122.31152823274923
County	Alameda
City	Berkeley
Air District	Bay Area AQMD
Air Basin	San Francisco Bay Area
TAZ	1532
EDFZ	1
Electric Utility	Pacific Gas & Electric Company
Gas Utility	Pacific Gas & Electric
App Version	2022.1.1.37

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description
Health Club	0.14000	1000sqft	0.00321	140.000	0.00000	0.00000	—	—
Parking Lot	442.000	Space	3.97800	0.00000	0.00000	0.00000	—	—

Other Asphalt Surfaces	400.000	1000sqft	9.18274	0.00000	0.00000	0.00000	—	—

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Health Club	3.85299	3.39750	2.02243	54.7736	0.14948	0.03384	19.6171	19.6509	0.03120	4.95091	4.98211	—	15,125.0	15,125.0	0.36899	0.27589	2.44811	15,218.9
Parking Lot	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Other Asphalt Surfaces	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Total	3.85299	3.39750	2.02243	54.7736	0.14948	0.03384	19.6171	19.6509	0.03120	4.95091	4.98211	—	15,125.0	15,125.0	0.36899	0.27589	2.44811	15,218.9
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Health Club	3.73292	3.29018	2.54480	46.5319	0.13833	0.03384	19.6171	19.6509	0.03120	4.95091	4.98211	—	13,997.6	13,997.6	0.37544	0.32557	0.06346	14,104.1
Parking Lot	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Other Asphalt Surfaces	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Total	3.73292	3.29018	2.54480	46.5319	0.13833	0.03384	19.6171	19.6509	0.03120	4.95091	4.98211	—	13,997.6	13,997.6	0.37544	0.32557	0.06346	14,104.1
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Health Club	0.68060	0.59906	0.42736	8.51864	0.02543	0.00618	3.54047	3.54665	0.00569	0.89363	0.89932	—	2,334.27	2,334.27	0.06160	0.05074	0.17501	2,351.10
Parking Lot	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Other Asphalt Surfaces	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Total	0.68060	0.59906	0.42736	8.51864	0.02543	0.00618	3.54047	3.54665	0.00569	0.89363	0.89932	—	2,334.27	2,334.27	0.06160	0.05074	0.17501	2,351.10

4.2. Energy

4.2.1. Electricity Emissions By Land Use - Unmitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Health Club	—	—	—	—	—	—	—	—	—	—	—	—	274.102	274.102	0.04434	0.00538	—	276.813
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	—	—	—	—	—	—	—	—	—	—	—	—	274.102	274.102	0.04434	0.00538	—	276.813
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Health Club	—	—	—	—	—	—	—	—	—	—	—	—	274.102	274.102	0.04434	0.00538	—	276.813
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	—	0.00000

Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	—	—	—	—	—	—	—	—	—	—	—	—	274.102	274.102	0.04434	0.00538	—	276.813
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Health Club	—	—	—	—	—	—	—	—	—	—	—	—	45.3807	45.3807	0.00734	0.00089	—	45.8295
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	—	—	—	—	—	—	—	—	—	—	—	—	45.3807	45.3807	0.00734	0.00089	—	45.8295

5. Activity Data

5.9. Operational Mobile Sources

5.9.1. Unmitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
Health Club	1,126.69	1,126.69	1,126.69	411,241	28,167.2	28,167.2	28,167.2	10,281,019
Parking Lot	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Other Asphalt Surfaces	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

5.11. Operational Energy Consumption

5.11.1. Unmitigated

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

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
Health Club	490,469	203.983	0.0330	0.0040	0.00000

Parking Lot	0.00000	203.983	0.0330	0.0040	0.00000
Other Asphalt Surfaces	0.00000	203.983	0.0330	0.0040	0.00000

8. User Changes to Default Data

8.1. Justifications

Screen	Justification
Construction: Construction Phases	Uses one workday as a multiplier for construction activity duration provided by applicant. See Construction Duration by Phase worksheet or Project Description. Added Architectural Coating activity to account for emissions from painting
Construction: Off-Road Equipment	based on data provided by client
Construction: Architectural Coatings	based on land use data for restrooms and parking area
Operations: Vehicle Data	1,127 trips per day based on data provided by client. VMT of 25 miles based on Kittlson for current commuter traffic
Operations: Fleet Mix	Assumes that fleet mix will be mainly passenger vehicles and buses
Operations: Architectural Coatings	Vehicle Emissions Only
Operations: Landscape Equipment	Vehicle Emissions Only
Operations: Energy Use	Accounts for increased electrical use from implementation of EV charging Stations.

8.5. Operations

8.5.1. Mobile Sources

8.5.1.1. Vehicle Data

Land Use	Model Parameter	Units	Default Value	New Value
Health Club	Weekday Trip Rate	size/day	32.9300	8,047.76
Health Club	Saturday Trip Rate	size/day	20.8700	8,047.76
Health Club	Sunday Trip Rate	size/day	26.7300	8,047.76
Health Club	Non-Res H-W Trip Length	miles	12.7348	25.0000

Health Club	Non-Res W-O Trip Length	miles	8.00914	25.0000
Health Club	Non-Res O-O Trip Length	miles	4.59421	25.0000

8.5.1.2. Fleet Mix

Land Use	Season	Model Parameter	Units	Default Value	New Value
Health Club	A	Heavy-Heavy-Duty Trucks	%	1%	0%
Health Club	A	Passenger Cars	%	52%	64%
Health Club	A	Light-Duty Trucks 1	%	4%	5%
Health Club	A	Light-Duty Trucks 2	%	23%	28%
Health Club	A	Light Heavy-Duty Trucks 1	%	2%	0%
Health Club	A	Light Heavy-Duty Trucks 2	%	1%	0%
Health Club	A	Motorcycles	%	2%	3%
Health Club	A	Medium-Duty Trucks	%	13%	0%
Health Club	A	Motor Homes	%	< 0.5%	0%
Health Club	A	Medium-Heavy-Duty Trucks	%	1%	0%
Health Club	A	Other Buses	%	< 0.5%	< 0.5%
Health Club	A	School Buses	%	< 0.5%	< 0.5%
Health Club	A	Urban Buses	%	< 0.5%	< 0.5%
Health Club	S	Heavy-Heavy-Duty Trucks	%	1%	0%
Health Club	S	Passenger Cars	%	52%	64%
Health Club	S	Light-Duty Trucks 1	%	4%	5%
Health Club	S	Light-Duty Trucks 2	%	23%	28%
Health Club	S	Light Heavy-Duty Trucks 1	%	2%	0%
Health Club	S	Light Heavy-Duty Trucks 2	%	1%	0%
Health Club	S	Motorcycles	%	2%	3%
Health Club	S	Medium-Duty Trucks	%	13%	0%
Health Club	S	Motor Homes	%	< 0.5%	0%
Health Club	S	Medium-Heavy-Duty Trucks	%	1%	0%

Health Club	S	Other Buses	%	< 0.5%	< 0.5%
Health Club	S	School Buses	%	< 0.5%	< 0.5%
Health Club	S	Urban Buses	%	< 0.5%	< 0.5%
Health Club	W	Heavy-Heavy-Duty Trucks	%	1%	0%
Health Club	W	Passenger Cars	%	52%	64%
Health Club	W	Light-Duty Trucks 1	%	4%	5%
Health Club	W	Light-Duty Trucks 2	%	23%	28%
Health Club	W	Light Heavy-Duty Trucks 1	%	2%	0%
Health Club	W	Light Heavy-Duty Trucks 2	%	1%	0%
Health Club	W	Motorcycles	%	2%	3%
Health Club	W	Medium-Duty Trucks	%	13%	0%
Health Club	W	Motor Homes	%	< 0.5%	0%
Health Club	W	Medium-Heavy-Duty Trucks	%	1%	0%
Health Club	W	Other Buses	%	< 0.5%	< 0.5%
Health Club	W	School Buses	%	< 0.5%	< 0.5%
Health Club	W	Urban Buses	%	< 0.5%	< 0.5%

Health Risk Analysis Information

Berkley WTPF

Construction Health Risk Assessment

Date: 9/19/2025

	3rd	0-2	2-16	>16	Units	
DBR	361	1090	631	261	L/kg	
A	1				no units	
EF	0.95890411				years	
Constant 1	0.000001				no units	
CPF	1.1				mg/kg-day-1	
ASF	10	10	3	1	no units	
DREDG	**0.00**	0.23	0.00	0.00	years	
Pier	**0.00**	1.09	0.00	0.00	years	
BoatL	**0.00**	0.08	0.00	0.00	years	
SeaWall	**0.00**	**0.36**	0.00	0.00	years	
Plaza	**0.00**	0.25	0.00	0.00	years	
University	0.00	**0.22**	0.00	0.00	years	
Haul1	0.00	**0.91**	0.00	0.00	years	
Haul2	0.00	**0.91**	0.00	0.00	years	
Haul3	0.00	**0.91**	0.00	0.00	years	
AT	70				years	
FAH	1	1	1	0.73	day	
Constant 2	1,000,000				no units	
Dose Constant	3.46E-04	1.05E-03	6.05E-04	2.50E-04		= DBR * A * EF * Constant1
Risk Constant	1.57E-01	1.57E-01	4.71E-02	1.15E-02		= CPF * ASF * (1/AT) * FHA

Source: OEHHA 2015

FAH

If school is within the 1 per million cancer bracket:		If school is not within the 1 per milliion cancer bracket:	
3rd to 2 years	1	3rd to 2 years	0.85
2 to 16	1	2 to 16	0.72
16-30	0.73	16-30	0.73

Source: OEHHA 2015

Dose = (Cair X DBR X A X EF X Constant 1)

Cair = concentration in air ($\mu g/m^3$)

DBR = daily breathing rate normalized to body weight (l/kg bod weight -day)

A = Inhalation adsorption factor (unitless)

EF = Exposure frequency (unitless), days/365 days

Constant 1 = micrograms to milligrams conversion, liters to cubic meters conversion

Cancer Risk = Dose X CPF x ASF x (ED/AT) X FAH

Dose = Daily inhalation dose (mg/kg-day)

CPF = Inhalation cancer potency factor (mg/kg-day^{-1})

ASF = Age sensitivity factor for a specified age group (unitless)

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

AT = Averaging time for lifetime cancer risk (years)

FAH = Fraction of time spent at home (unitless)

Risk per Million = Cancer Risk X Constant 2

Onsite Concentrations (PM10)

		Residence			Park		
	Source ID	**(lbs/day)**	**(gr/day)**	**(gr/sec)**	**(lbs/day)**	**(gr/day)**	**PM10 (gr/sec)**
Dredging	DREDG	0.16	71.15	0.001797	0.05	22.64	0.000571716
Pier Work/Deck Work	Pier	4.87	2,209.02	0.055783	1.55	702.87	0.017749228
Boat Launch	BoatL	7.50E-03	3.40	8.59E-05	2.39E-03	1.08	2.73343E-05
SeaWall/Parkinglot/Trail	SeaWall	7.78E-03	3.53	8.91E-05	2.48E-03	1.12	2.83619E-05
Plaza	Plaza	8.33E-03	3.78	9.55E-05	2.65E-03	1.20	3.03714E-05
University Avenue	University	7.50E-03	3.40	8.59E-05	2.39E-03	1.08	2.73343E-05

Offsite Concentrations

	Source ID	**PM10 (lbs/mile)**	**Miles**	**PM10 (lbs/day)**	**PM10 (gr/day)**	**PM10 (gr/sec)**
			Residence			
Haul 1	Haul1	0.000619	0.09	5.81E-05	0.03	6.653E-07
Haul 2	Haul2	0.000619	0.41	2.51E-04	0.11	2.872E-06
Haul 3	Haul3	0.000619	0.40	2.49E-04	0.11	2.856E-06
			Park			
Haul 1	Haul1	0.000197	0.09	1.85E-05	0.01	2.117E-07
Haul 2	Haul2	0.000197	0.41	7.98E-05	0.04	9.137E-07
Haul 3	Haul3	0.000197	0.40	7.93E-05	0.04	9.088E-07

Onsite Concentrations (PM2.5)

	Source ID	PM10 (lbs/day)	Residence PM10 (gr/day)	PM10 (gr/sec)	PM10 (lbs/day)	Park PM10 (gr/day)	PM10 (gr/sec)
			Exhaust				
Dredging	DREDG	0.15	68.33	0.001725	0.05	21.74	0.000549
Pier Work/Deck Work	Pier	4.68	2,121.04	0.053562	1.49	674.88	0.017042342
Boat Launch	BoatL	0.01	3.40	8.59E-05	2.39E-03	1.08	2.73343E-05
SeaWall/Parkinglot/Trail	SeaWall	0.01	3.53	8.91E-05	2.48E-03	1.12	2.83619E-05
Plaza	Plaza	0.01	3.78	9.55E-05	2.65E-03	1.20	3.03714E-05
University Avenue	University	0.01	3.40	8.59E-05	2.39E-03	1.08	2.73343E-05
			Fugitive				
Boat Launch	BLPM	8.33E-04	0.38	9.55E-06	2.65E-04	0.12	3.03714E-06
SeaWall/Parkinglot/Trail	SeaPM	5.26E-04	0.24	6.03E-06	1.67E-04	0.08	1.91819E-06
Plaza	PlaPM	8.33E-04	0.38	9.55E-06	2.65E-04	0.12	3.03714E-06
University Avenue	UniPM	6.25E-04	0.28	7.16E-06	1.99E-04	0.09	2.27785E-06

Offsite Concentrations

	Source ID	PM10 (lbs/mile)	Miles	PM10 (lbs/day)	PM10 (gr/day)	PM10 (gr/sec)
		Exhaust (Residence)				
Haul 1	Haul1	0.000619	0.09	5.81E-05	0.03	6.653E-07
Haul 2	Haul2	0.000619	0.41	2.51E-04	0.11	2.872E-06
Haul 3	Haul3	0.000619	0.40	2.49E-04	0.11	2.856E-06
		Fugitive (Residence)				
Haul 1	Haul1	0.0010454	0.09	9.81E-05	0.04	1.124E-06
Haul 2	Haul2	0.0010454	0.41	4.23E-04	0.19	4.85E-06
Haul 3	Haul3	0.0010454	0.40	4.21E-04	0.19	4.824E-06
		Exhaust (Park)				
Haul 1	Haul1	0.0003326	0.09	3.12E-05	0.01	3.575E-07
Haul 2	Haul2	0.0003326	0.41	1.35E-04	0.06	1.543E-06
Haul 3	Haul3	0.0003326	0.40	1.34E-04	0.06	1.535E-06
		Fugitive (Park)				
Haul 1	Haul1	0.0003326	0.09	3.12E-05	0.01	3.575E-07
Haul 2	Haul2	0.0003326	0.41	1.35E-04	0.06	1.543E-06
Haul 3	Haul3	0.0003326	0.40	1.34E-04	0.06	1.535E-06

Berkley WTPF

Construction Health Risk Assessment

Sources	**Description**		**Meters**	**Miles**	**M^2**
DREDG	Dredging	Line Volume	10523.30	6.54	
Pier	Pier Flowat Breakwater Work	Line Volume	4106.50	2.55	
BoatL	Boat Launch	Line Volume	61.40	0.04	
SeaWall	Seawall Drive	Line Volume	2262.90	1.41	
Plaza	Plaza Work	Line Volume	309.80	0.19	
University	University Ave andAnemities	Line Volume	2236.30	1.39	
Haul1	Haul Route from University to Freeway	Line Volume	151.00	0.09	
Haul2	Haul Route Freeway South of University	Line Volume	651.80	0.41	
Haul3	Haul Route Freeway North of University	Line Volume	648.30	0.40	
UniPM	University Ave and Amenities PM2.5	Area Poly			24194
PlaPM	Plaza PM2.5	Area Poly			2658.4
SeaPM	Seawall Drive PM2.5	Area Poly			21003
BLPM	Boat Launch PM2.5	Area Poly			319.1

Assumptions and Constants:

365	days per year construction
453.59237	conversion from lbs to grams
11	hours per day construction
60	minutes per hour
60	seconds per minute
3.5	hours per day for park exposure

Receptors

1-435	Boat Docks
436 - 527	Shorebird Park

Age Bins

		3rd	0-2	2-16	16-30
	Start	NA	4/1/2027	NA	NA
	End	NA	12/31/2028	NA	NA
	Days	NA	549	NA	NA
DREDG	83	0	83	0	
Pier	397	0	397	0	
BoatL	30	0	30	0	
SeaWall	133	0	133	0	
Plaza	90	0	90	0	
University	80	0	80	0	
Haul1	333	0	333	0	
Haul2	333	0	333	0	
Haul3	333	0	333	0	

Berkley WTPF
Unmitigated - - Emissions

Onsite Emissions

	Unmitigated (lbs/day)			Mitigated (lbs/day)		
	PM10E	PM2.5E	PM2.5D	PM10E	PM2.5E	PM2.5D
DREDG	0.156867976	0.15063507		0.04978154	0.047832092	0
Pier	4.870051409	4.67609529		1.637171242	1.571900607	0
BoatL	0.0075	0.0075		0.005	0.005	0.00083333
SeaWall	0.007781955	0.007781955		0.00556391	0.00556391	0.00052632
Plaza	0.008333333	0.008333333		0.005	0.005	0.00083333
University	0.0075	0.0075		0.005	0.005	0.000625
UniPM			0.0006			0.0006
PlaPM			0.0008			0.0008
SeaPM			0.0005			0.0005
BLPM			0.0008			0.0008

	Unmitigated (lbs/day)			Mitigated (lbs/day)		
Offsite Emissions (Per Trip)	PM10E	PM2.5E	PM2.5D	PM10E	PM2.5E	PM2.5D
BoatL	0.0025	0.0025	0.006666667	0.0025	0.0025	0.00666667
SeaWall	0.006616541	0.006616541	0.010977444	0.006616541	0.006616541	0.01097744
Plaza	0.001388889	0.001388889	0.001388889	0.001388889	0.001388889	0.00138889
University	0.001875	0.001875	0.001875	0.001875	0.001875	0.001875
Offsite Emissions (Per mile)	20	miles/trip				
BoatL	0.000125	0.000125	0.000333333	0.000125	0.000125	0.00033333
SeaWall	0.000330827	0.000330827	0.000548872	0.000330827	0.000330827	0.00054887
Plaza	6.94444E-05	6.94444E-05	6.94444E-05	6.94444E-05	6.94444E-05	6.9444E-05
University	0.00009375	0.00009375	0.00009375	0.00009375	0.00009375	0.00009375

Berkley WTPF

Unmitigated - - Risk Summary

			Cancer Risk									
Receptor #	**Total Per/Million**		**Dredging**	**Peir**	**University**	**Seawall**	**Plaza**	**Boatlaunch**	**Haul 1**	**Haul 2**	**Haul 3**	
1	**10.2**	**10.2**	**0.03**	**15.7**	**0.0**	**0.0**	**0.2**	**0.00**	**1.42E-05**	**3.70E-05**	**5.70E-05**	**Max Risk**
Max Park	**15.8**	**6.94**	**459**	**467**	**513**	**436**	**488**	**437**	**120**	**120**	**210**	**Max Rec**
Total	26.0	17.1					Residence					
1	10.19		2.88E-02	1.01E+01	7.81E-03	3.23E-03	2.03E-02	2.05E-03	6.32E-06	2.07E-05	3.03E-05	
2	9.73		2.76E-02	9.67E+00	8.70E-03	3.18E-03	1.92E-02	2.01E-03	6.54E-06	2.12E-05	3.10E-05	
3	9.28		2.64E-02	9.22E+00	9.63E-03	3.15E-03	1.82E-02	1.89E-03	6.78E-06	2.18E-05	3.18E-05	
4	8.83		2.53E-02	8.77E+00	1.06E-02	3.15E-03	1.73E-02	1.78E-03	7.03E-06	2.24E-05	3.26E-05	
5	8.40		2.42E-02	8.34E+00	1.17E-02	3.15E-03	1.66E-02	1.71E-03	7.31E-06	2.30E-05	3.34E-05	
6	7.98		2.32E-02	7.92E+00	1.29E-02	3.15E-03	1.57E-02	1.70E-03	7.61E-06	2.37E-05	3.42E-05	
7	7.59		2.22E-02	7.53E+00	1.42E-02	3.13E-03	1.46E-02	1.73E-03	7.92E-06	2.44E-05	3.51E-05	
8	7.23		2.13E-02	7.17E+00	1.56E-02	3.09E-03	1.35E-02	1.78E-03	8.25E-06	2.52E-05	3.59E-05	
9	9.48		2.70E-02	9.43E+00	5.99E-03	2.95E-03	1.67E-02	1.86E-03	6.07E-06	2.00E-05	2.97E-05	
10	9.17		2.61E-02	9.11E+00	6.60E-03	2.90E-03	1.61E-02	1.92E-03	6.25E-06	2.05E-05	3.04E-05	
11	8.78		2.51E-02	8.73E+00	7.25E-03	2.85E-03	1.53E-02	1.86E-03	6.47E-06	2.11E-05	3.11E-05	
12	8.40		2.41E-02	8.35E+00	7.94E-03	2.83E-03	1.45E-02	1.75E-03	6.70E-06	2.16E-05	3.19E-05	
13	8.03		2.32E-02	7.98E+00	8.67E-03	2.84E-03	1.39E-02	1.65E-03	6.95E-06	2.22E-05	3.28E-05	
14	7.68		2.23E-02	7.63E+00	9.44E-03	2.85E-03	1.34E-02	1.59E-03	7.21E-06	2.28E-05	3.36E-05	
15	7.34		2.15E-02	7.29E+00	1.03E-02	2.85E-03	1.29E-02	1.58E-03	7.49E-06	2.35E-05	3.44E-05	
16	7.01		2.07E-02	6.96E+00	1.12E-02	2.84E-03	1.24E-02	1.61E-03	7.79E-06	2.42E-05	3.53E-05	
17	6.70		2.00E-02	6.65E+00	1.22E-02	2.81E-03	1.17E-02	1.66E-03	8.11E-06	2.49E-05	3.62E-05	
18	6.40		1.92E-02	6.35E+00	1.33E-02	2.77E-03	1.09E-02	1.70E-03	8.46E-06	2.57E-05	3.71E-05	
19	6.10		1.85E-02	6.06E+00	1.44E-02	2.71E-03	1.00E-02	1.73E-03	8.84E-06	2.65E-05	3.81E-05	
20	5.85		1.79E-02	5.81E+00	1.58E-02	2.65E-03	9.23E-03	1.73E-03	9.24E-06	2.73E-05	3.91E-05	
21	8.52		2.45E-02	8.47E+00	5.25E-03	2.67E-03	1.35E-02	1.76E-03	6.04E-06	1.99E-05	2.97E-05	
22	8.28		2.38E-02	8.23E+00	5.72E-03	2.62E-03	1.31E-02	1.79E-03	6.22E-06	2.04E-05	3.05E-05	
23	7.98		2.29E-02	7.93E+00	6.22E-03	2.58E-03	1.26E-02	1.73E-03	6.43E-06	2.09E-05	3.13E-05	
24	7.67		2.21E-02	7.62E+00	6.75E-03	2.56E-03	1.20E-02	1.62E-03	6.65E-06	2.14E-05	3.21E-05	
25	7.36		2.14E-02	7.32E+00	7.30E-03	2.57E-03	1.14E-02	1.53E-03	6.89E-06	2.20E-05	3.29E-05	
26	7.06		2.06E-02	7.02E+00	7.88E-03	2.58E-03	1.10E-02	1.47E-03	7.14E-06	2.26E-05	3.38E-05	
27	6.77		1.99E-02	6.73E+00	8.50E-03	2.59E-03	1.07E-02	1.47E-03	7.41E-06	2.33E-05	3.47E-05	
28	6.49		1.93E-02	6.45E+00	9.16E-03	2.58E-03	1.04E-02	1.50E-03	7.70E-06	2.39E-05	3.56E-05	

Berkley WTPF

Unmitigated - - Risk Summary

		Cancer Risk								
Receptor #	Total Per/Million	Dredging	Peir	University	Seawall	Plaza	Boatlaunch	Haul 1	Haul 2	Haul 3
29	6.22	1.87E-02	6.18E+00	9.89E-03	2.56E-03	1.00E-02	1.54E-03	8.01E-06	2.46E-05	3.65E-05
30	5.96	1.81E-02	5.92E+00	1.07E-02	2.53E-03	9.52E-03	1.59E-03	8.34E-06	2.54E-05	3.75E-05
31	5.71	1.75E-02	5.67E+00	1.15E-02	2.49E-03	8.94E-03	1.62E-03	8.69E-06	2.62E-05	3.84E-05
32	5.48	1.69E-02	5.44E+00	1.25E-02	2.44E-03	8.32E-03	1.62E-03	9.07E-06	2.70E-05	3.94E-05
33	5.27	1.64E-02	5.23E+00	1.35E-02	2.39E-03	7.71E-03	1.61E-03	9.48E-06	2.79E-05	4.04E-05
34	5.07	1.59E-02	5.03E+00	1.47E-02	2.34E-03	7.15E-03	1.57E-03	9.92E-06	2.88E-05	4.15E-05
35	4.89	1.54E-02	4.85E+00	1.60E-02	2.29E-03	6.65E-03	1.54E-03	1.04E-05	2.98E-05	4.26E-05
36	4.72	1.49E-02	4.68E+00	1.75E-02	2.23E-03	6.22E-03	1.52E-03	1.09E-05	3.09E-05	4.37E-05
37	7.74	2.25E-02	7.69E+00	4.69E-03	2.44E-03	1.11E-02	1.67E-03	6.04E-06	1.97E-05	2.97E-05
38	7.52	2.18E-02	7.48E+00	5.06E-03	2.38E-03	1.09E-02	1.68E-03	6.23E-06	2.02E-05	3.05E-05
39	7.28	2.11E-02	7.24E+00	5.46E-03	2.34E-03	1.06E-02	1.60E-03	6.43E-06	2.07E-05	3.14E-05
40	7.04	2.04E-02	7.00E+00	5.87E-03	2.33E-03	1.01E-02	1.50E-03	6.64E-06	2.12E-05	3.22E-05
41	6.79	1.98E-02	6.75E+00	6.31E-03	2.34E-03	9.57E-03	1.42E-03	6.87E-06	2.18E-05	3.31E-05
42	6.54	1.92E-02	6.50E+00	6.77E-03	2.36E-03	9.15E-03	1.37E-03	7.11E-06	2.24E-05	3.40E-05
43	6.29	1.86E-02	6.25E+00	7.24E-03	2.37E-03	8.88E-03	1.37E-03	7.37E-06	2.30E-05	3.49E-05
44	6.05	1.80E-02	6.01E+00	7.75E-03	2.36E-03	8.71E-03	1.40E-03	7.65E-06	2.37E-05	3.59E-05
45	5.81	1.75E-02	5.77E+00	8.29E-03	2.35E-03	8.54E-03	1.44E-03	7.94E-06	2.44E-05	3.68E-05
46	5.57	1.70E-02	5.54E+00	8.89E-03	2.32E-03	8.29E-03	1.48E-03	8.26E-06	2.51E-05	3.78E-05
47	5.35	1.65E-02	5.31E+00	9.54E-03	2.29E-03	7.94E-03	1.51E-03	8.60E-06	2.59E-05	3.88E-05
48	5.14	1.60E-02	5.10E+00	1.02E-02	2.25E-03	7.50E-03	1.52E-03	8.97E-06	2.67E-05	3.98E-05
49	4.94	1.55E-02	4.91E+00	1.10E-02	2.20E-03	7.03E-03	1.51E-03	9.36E-06	2.76E-05	4.09E-05
50	4.76	1.51E-02	4.72E+00	1.19E-02	2.16E-03	6.54E-03	1.48E-03	9.79E-06	2.85E-05	4.20E-05
51	4.59	1.46E-02	4.55E+00	1.28E-02	2.12E-03	6.09E-03	1.44E-03	1.02E-05	2.95E-05	4.31E-05
52	4.43	1.42E-02	4.40E+00	1.39E-02	2.07E-03	5.68E-03	1.42E-03	1.07E-05	3.05E-05	4.43E-05
53	4.29	1.38E-02	4.25E+00	1.53E-02	2.02E-03	5.32E-03	1.42E-03	1.13E-05	3.16E-05	4.56E-05
54	4.15	1.34E-02	4.12E+00	1.70E-02	1.97E-03	5.01E-03	1.42E-03	1.19E-05	3.28E-05	4.68E-05
55	4.03	1.30E-02	3.99E+00	1.93E-02	1.92E-03	4.74E-03	1.43E-03	1.25E-05	3.41E-05	4.81E-05
56	7.20	2.14E-02	7.16E+00	3.96E-03	2.28E-03	9.25E-03	1.50E-03	5.91E-06	1.91E-05	2.89E-05
57	7.05	2.08E-02	7.01E+00	4.24E-03	2.23E-03	9.27E-03	1.58E-03	6.08E-06	1.95E-05	2.97E-05
58	6.86	2.02E-02	6.83E+00	4.55E-03	2.17E-03	9.16E-03	1.57E-03	6.26E-06	2.00E-05	3.06E-05
59	6.68	1.96E-02	6.64E+00	4.87E-03	2.14E-03	8.94E-03	1.49E-03	6.46E-06	2.05E-05	3.14E-05

Berkley WTPF

Unmitigated - - Risk Summary

		Cancer Risk								
Receptor #	Total Per/Million	Dredging	Peir	University	Seawall	Plaza	Boatlaunch	Haul 1	Haul 2	Haul 3
60	6.48	1.90E-02	6.45E+00	5.21E-03	2.13E-03	8.63E-03	1.40E-03	6.67E-06	2.11E-05	3.23E-05
61	6.28	1.84E-02	6.24E+00	5.56E-03	2.14E-03	8.22E-03	1.32E-03	6.89E-06	2.16E-05	3.32E-05
62	6.08	1.79E-02	6.04E+00	5.93E-03	2.16E-03	7.81E-03	1.28E-03	7.12E-06	2.22E-05	3.42E-05
63	5.87	1.74E-02	5.83E+00	6.32E-03	2.18E-03	7.51E-03	1.28E-03	7.37E-06	2.28E-05	3.51E-05
64	5.66	1.69E-02	5.62E+00	6.72E-03	2.17E-03	7.35E-03	1.31E-03	7.64E-06	2.35E-05	3.61E-05
65	5.45	1.64E-02	5.42E+00	7.15E-03	2.16E-03	7.25E-03	1.34E-03	7.92E-06	2.42E-05	3.71E-05
66	5.24	1.60E-02	5.21E+00	7.61E-03	2.14E-03	7.14E-03	1.38E-03	8.23E-06	2.49E-05	3.81E-05
67	5.04	1.55E-02	5.01E+00	8.12E-03	2.11E-03	6.97E-03	1.41E-03	8.56E-06	2.57E-05	3.92E-05
68	4.85	1.51E-02	4.82E+00	8.67E-03	2.08E-03	6.72E-03	1.43E-03	8.91E-06	2.65E-05	4.02E-05
69	4.67	1.47E-02	4.63E+00	9.27E-03	2.04E-03	6.40E-03	1.42E-03	9.29E-06	2.73E-05	4.14E-05
70	4.50	1.43E-02	4.46E+00	9.94E-03	2.00E-03	6.02E-03	1.39E-03	9.70E-06	2.82E-05	4.25E-05
71	4.33	1.39E-02	4.30E+00	1.07E-02	1.96E-03	5.64E-03	1.36E-03	1.01E-05	2.92E-05	4.37E-05
72	4.19	1.35E-02	4.15E+00	1.16E-02	1.92E-03	5.26E-03	1.34E-03	1.06E-05	3.02E-05	4.49E-05
73	4.05	1.32E-02	4.01E+00	1.26E-02	1.88E-03	4.92E-03	1.33E-03	1.11E-05	3.12E-05	4.61E-05
74	3.92	1.28E-02	3.89E+00	1.39E-02	1.83E-03	4.61E-03	1.33E-03	1.17E-05	3.24E-05	4.74E-05
75	3.80	1.25E-02	3.77E+00	1.56E-02	1.79E-03	4.34E-03	1.34E-03	1.23E-05	3.36E-05	4.88E-05
76	6.57	1.97E-02	6.53E+00	3.64E-03	2.10E-03	7.82E-03	1.44E-03	5.98E-06	1.89E-05	2.89E-05
77	6.44	1.93E-02	6.41E+00	3.87E-03	2.04E-03	7.88E-03	1.50E-03	6.15E-06	1.94E-05	2.97E-05
78	6.29	1.88E-02	6.26E+00	4.13E-03	1.99E-03	7.80E-03	1.47E-03	6.33E-06	1.98E-05	3.06E-05
79	6.14	1.83E-02	6.11E+00	4.39E-03	1.96E-03	7.66E-03	1.39E-03	6.52E-06	2.03E-05	3.15E-05
80	5.99	1.78E-02	5.95E+00	4.68E-03	1.95E-03	7.46E-03	1.31E-03	6.73E-06	2.09E-05	3.24E-05
81	5.82	1.73E-02	5.79E+00	4.97E-03	1.97E-03	7.16E-03	1.24E-03	6.94E-06	2.14E-05	3.33E-05
82	5.66	1.68E-02	5.63E+00	5.28E-03	1.99E-03	6.80E-03	1.20E-03	7.17E-06	2.20E-05	3.43E-05
83	5.49	1.63E-02	5.46E+00	5.60E-03	2.01E-03	6.49E-03	1.20E-03	7.41E-06	2.26E-05	3.53E-05
84	5.31	1.59E-02	5.28E+00	5.93E-03	2.01E-03	6.29E-03	1.22E-03	7.67E-06	2.33E-05	3.63E-05
85	5.13	1.55E-02	5.10E+00	6.28E-03	2.00E-03	6.19E-03	1.26E-03	7.95E-06	2.39E-05	3.73E-05
86	4.95	1.51E-02	4.92E+00	6.66E-03	1.98E-03	6.14E-03	1.30E-03	8.25E-06	2.46E-05	3.84E-05
87	4.78	1.47E-02	4.74E+00	7.06E-03	1.95E-03	6.07E-03	1.32E-03	8.57E-06	2.54E-05	3.95E-05
88	4.60	1.43E-02	4.57E+00	7.51E-03	1.92E-03	5.95E-03	1.34E-03	8.91E-06	2.62E-05	4.06E-05
89	4.43	1.40E-02	4.40E+00	8.00E-03	1.89E-03	5.77E-03	1.34E-03	9.27E-06	2.70E-05	4.18E-05
90	4.27	1.36E-02	4.24E+00	8.55E-03	1.86E-03	5.52E-03	1.32E-03	9.67E-06	2.79E-05	4.30E-05

Berkley WTPF

Unmitigated - - Risk Summary

		Cancer Risk								
Receptor #	Total Per/Million	Dredging	Peir	University	Seawall	Plaza	Boatlaunch	Haul 1	Haul 2	Haul 3
91	4.12	1.33E-02	4.09E+00	9.16E-03	1.83E-03	5.23E-03	1.29E-03	1.01E-05	2.88E-05	4.42E-05
92	3.97	1.29E-02	3.94E+00	9.87E-03	1.79E-03	4.92E-03	1.26E-03	1.06E-05	2.98E-05	4.55E-05
93	3.84	1.26E-02	3.81E+00	1.07E-02	1.76E-03	4.61E-03	1.25E-03	1.11E-05	3.09E-05	4.68E-05
94	3.72	1.23E-02	3.69E+00	1.18E-02	1.72E-03	4.31E-03	1.25E-03	1.16E-05	3.20E-05	4.81E-05
95	3.61	1.20E-02	3.58E+00	1.31E-02	1.67E-03	4.05E-03	1.26E-03	1.22E-05	3.32E-05	4.95E-05
96	3.50	1.17E-02	3.47E+00	1.49E-02	1.63E-03	3.82E-03	1.26E-03	1.28E-05	3.45E-05	5.10E-05
97	3.41	1.14E-02	3.38E+00	1.75E-02	1.60E-03	3.61E-03	1.26E-03	1.35E-05	3.59E-05	5.25E-05
98	6.02	1.83E-02	5.99E+00	3.35E-03	1.94E-03	6.71E-03	1.38E-03	6.07E-06	1.87E-05	2.89E-05
99	5.92	1.80E-02	5.89E+00	3.56E-03	1.88E-03	6.78E-03	1.42E-03	6.23E-06	1.92E-05	2.97E-05
100	5.79	1.75E-02	5.76E+00	3.77E-03	1.83E-03	6.73E-03	1.38E-03	6.41E-06	1.97E-05	3.06E-05
101	5.67	1.71E-02	5.64E+00	4.00E-03	1.80E-03	6.63E-03	1.30E-03	6.60E-06	2.02E-05	3.15E-05
102	5.54	1.67E-02	5.51E+00	4.24E-03	1.80E-03	6.50E-03	1.22E-03	6.81E-06	2.07E-05	3.25E-05
103	5.41	1.63E-02	5.38E+00	4.49E-03	1.82E-03	6.30E-03	1.16E-03	7.02E-06	2.12E-05	3.34E-05
104	5.28	1.58E-02	5.25E+00	4.75E-03	1.84E-03	6.02E-03	1.13E-03	7.25E-06	2.18E-05	3.44E-05
105	5.14	1.54E-02	5.11E+00	5.02E-03	1.86E-03	5.71E-03	1.13E-03	7.49E-06	2.24E-05	3.55E-05
106	4.99	1.50E-02	4.97E+00	5.30E-03	1.86E-03	5.48E-03	1.15E-03	7.75E-06	2.30E-05	3.65E-05
107	4.84	1.47E-02	4.82E+00	5.60E-03	1.86E-03	5.35E-03	1.18E-03	8.02E-06	2.37E-05	3.76E-05
108	4.69	1.43E-02	4.66E+00	5.91E-03	1.84E-03	5.29E-03	1.22E-03	8.31E-06	2.44E-05	3.87E-05
109	4.53	1.40E-02	4.51E+00	6.24E-03	1.82E-03	5.26E-03	1.24E-03	8.62E-06	2.51E-05	3.98E-05
110	4.38	1.36E-02	4.35E+00	6.61E-03	1.79E-03	5.22E-03	1.26E-03	8.95E-06	2.59E-05	4.10E-05
111	4.22	1.33E-02	4.20E+00	7.02E-03	1.76E-03	5.14E-03	1.26E-03	9.31E-06	2.67E-05	4.22E-05
112	4.07	1.30E-02	4.05E+00	7.48E-03	1.74E-03	5.01E-03	1.25E-03	9.70E-06	2.76E-05	4.34E-05
113	3.93	1.27E-02	3.90E+00	8.00E-03	1.71E-03	4.82E-03	1.22E-03	1.01E-05	2.85E-05	4.47E-05
114	3.79	1.24E-02	3.76E+00	8.60E-03	1.68E-03	4.59E-03	1.19E-03	1.06E-05	2.95E-05	4.60E-05
115	3.67	1.21E-02	3.64E+00	9.31E-03	1.65E-03	4.33E-03	1.18E-03	1.10E-05	3.06E-05	4.74E-05
116	3.55	1.18E-02	3.52E+00	1.02E-02	1.61E-03	4.07E-03	1.18E-03	1.16E-05	3.17E-05	4.88E-05
117	3.44	1.15E-02	3.41E+00	1.12E-02	1.57E-03	3.83E-03	1.18E-03	1.21E-05	3.29E-05	5.02E-05
118	3.33	1.12E-02	3.30E+00	1.26E-02	1.53E-03	3.60E-03	1.19E-03	1.28E-05	3.41E-05	5.18E-05
119	3.24	1.10E-02	3.21E+00	1.45E-02	1.50E-03	3.39E-03	1.19E-03	1.34E-05	3.55E-05	5.33E-05
120	3.16	1.07E-02	3.12E+00	1.74E-02	1.47E-03	3.21E-03	1.17E-03	1.42E-05	3.70E-05	5.50E-05
121	5.62	1.73E-02	5.59E+00	2.94E-03	1.83E-03	5.68E-03	1.23E-03	6.00E-06	1.81E-05	2.81E-05

Berkley WTPF

Unmitigated - - Risk Summary

		Cancer Risk								
Receptor #	Total Per/Million	Dredging	Peir	University	Seawall	Plaza	Boatlaunch	Haul 1	Haul 2	Haul 3
122	5.55	1.71E-02	5.52E+00	3.11E-03	1.80E-03	5.82E-03	1.32E-03	6.15E-06	1.85E-05	2.89E-05
123	5.46	1.68E-02	5.43E+00	3.28E-03	1.74E-03	5.90E-03	1.34E-03	6.31E-06	1.90E-05	2.97E-05
124	5.36	1.64E-02	5.33E+00	3.46E-03	1.69E-03	5.87E-03	1.30E-03	6.50E-06	1.95E-05	3.06E-05
125	5.25	1.61E-02	5.22E+00	3.66E-03	1.67E-03	5.79E-03	1.22E-03	6.69E-06	2.00E-05	3.16E-05
126	5.15	1.57E-02	5.12E+00	3.86E-03	1.67E-03	5.69E-03	1.15E-03	6.90E-06	2.05E-05	3.25E-05
127	5.04	1.54E-02	5.01E+00	4.08E-03	1.68E-03	5.57E-03	1.09E-03	7.11E-06	2.10E-05	3.35E-05
128	4.93	1.50E-02	4.90E+00	4.30E-03	1.70E-03	5.37E-03	1.06E-03	7.34E-06	2.16E-05	3.45E-05
129	4.82	1.46E-02	4.79E+00	4.53E-03	1.72E-03	5.11E-03	1.06E-03	7.58E-06	2.22E-05	3.56E-05
130	4.70	1.43E-02	4.67E+00	4.78E-03	1.73E-03	4.86E-03	1.08E-03	7.84E-06	2.28E-05	3.67E-05
131	4.58	1.39E-02	4.55E+00	5.03E-03	1.73E-03	4.69E-03	1.11E-03	8.11E-06	2.35E-05	3.78E-05
132	4.45	1.36E-02	4.42E+00	5.29E-03	1.71E-03	4.61E-03	1.15E-03	8.40E-06	2.42E-05	3.89E-05
133	4.31	1.33E-02	4.29E+00	5.58E-03	1.69E-03	4.58E-03	1.17E-03	8.71E-06	2.49E-05	4.01E-05
134	4.18	1.30E-02	4.15E+00	5.89E-03	1.67E-03	4.57E-03	1.19E-03	9.04E-06	2.57E-05	4.13E-05
135	4.04	1.27E-02	4.01E+00	6.23E-03	1.65E-03	4.55E-03	1.20E-03	9.39E-06	2.65E-05	4.26E-05
136	3.90	1.24E-02	3.88E+00	6.62E-03	1.62E-03	4.49E-03	1.18E-03	9.77E-06	2.73E-05	4.38E-05
137	3.77	1.21E-02	3.74E+00	7.07E-03	1.60E-03	4.39E-03	1.16E-03	1.02E-05	2.82E-05	4.52E-05
138	3.64	1.18E-02	3.61E+00	7.57E-03	1.57E-03	4.24E-03	1.13E-03	1.06E-05	2.92E-05	4.65E-05
139	3.52	1.16E-02	3.49E+00	8.17E-03	1.54E-03	4.06E-03	1.11E-03	1.11E-05	3.02E-05	4.80E-05
140	3.40	1.13E-02	3.37E+00	8.87E-03	1.51E-03	3.85E-03	1.11E-03	1.16E-05	3.13E-05	4.94E-05
141	3.29	1.10E-02	3.26E+00	9.73E-03	1.48E-03	3.63E-03	1.11E-03	1.22E-05	3.25E-05	5.10E-05
142	3.19	1.08E-02	3.16E+00	1.08E-02	1.45E-03	3.42E-03	1.12E-03	1.28E-05	3.37E-05	5.25E-05
143	3.10	1.06E-02	3.07E+00	1.23E-02	1.41E-03	3.23E-03	1.12E-03	1.34E-05	3.51E-05	5.42E-05
144	3.01	1.03E-02	2.98E+00	1.43E-02	1.38E-03	3.04E-03	1.11E-03	1.42E-05	3.66E-05	5.60E-05
145	5.19	1.62E-02	5.17E+00	2.74E-03	1.71E-03	4.97E-03	1.19E-03	6.06E-06	1.79E-05	2.81E-05
146	5.14	1.60E-02	5.11E+00	2.88E-03	1.67E-03	5.09E-03	1.26E-03	6.22E-06	1.84E-05	2.89E-05
147	5.06	1.58E-02	5.04E+00	3.03E-03	1.61E-03	5.18E-03	1.27E-03	6.39E-06	1.88E-05	2.97E-05
148	4.97	1.55E-02	4.95E+00	3.19E-03	1.57E-03	5.17E-03	1.22E-03	6.57E-06	1.93E-05	3.06E-05
149	4.88	1.52E-02	4.86E+00	3.36E-03	1.55E-03	5.10E-03	1.15E-03	6.77E-06	1.97E-05	3.16E-05
150	4.79	1.48E-02	4.77E+00	3.54E-03	1.55E-03	5.02E-03	1.08E-03	6.98E-06	2.03E-05	3.26E-05
151	4.70	1.45E-02	4.68E+00	3.72E-03	1.56E-03	4.94E-03	1.03E-03	7.20E-06	2.08E-05	3.36E-05
152	4.61	1.42E-02	4.59E+00	3.91E-03	1.58E-03	4.81E-03	1.00E-03	7.43E-06	2.14E-05	3.46E-05

Berkley WTPF

Unmitigated - - Risk Summary

		Cancer Risk								
Receptor #	Total Per/Million	Dredging	Peir	University	Seawall	Plaza	Boatlaunch	Haul 1	Haul 2	Haul 3
153	4.52	1.39E-02	4.50E+00	4.11E-03	1.60E-03	4.61E-03	1.00E-03	7.67E-06	2.19E-05	3.57E-05
154	4.43	1.36E-02	4.40E+00	4.32E-03	1.61E-03	4.38E-03	1.02E-03	7.93E-06	2.26E-05	3.68E-05
155	4.32	1.33E-02	4.30E+00	4.54E-03	1.61E-03	4.19E-03	1.05E-03	8.21E-06	2.32E-05	3.80E-05
156	4.22	1.30E-02	4.19E+00	4.77E-03	1.60E-03	4.07E-03	1.08E-03	8.50E-06	2.39E-05	3.91E-05
157	4.11	1.27E-02	4.08E+00	5.02E-03	1.58E-03	4.02E-03	1.11E-03	8.81E-06	2.46E-05	4.04E-05
158	3.99	1.24E-02	3.96E+00	5.28E-03	1.56E-03	4.01E-03	1.12E-03	9.14E-06	2.54E-05	4.16E-05
159	3.87	1.21E-02	3.84E+00	5.58E-03	1.54E-03	4.01E-03	1.13E-03	9.49E-06	2.62E-05	4.29E-05
160	3.75	1.19E-02	3.72E+00	5.91E-03	1.52E-03	3.99E-03	1.12E-03	9.87E-06	2.70E-05	4.42E-05
161	3.62	1.16E-02	3.60E+00	6.29E-03	1.50E-03	3.96E-03	1.10E-03	1.03E-05	2.79E-05	4.56E-05
162	3.50	1.14E-02	3.48E+00	6.72E-03	1.48E-03	3.88E-03	1.08E-03	1.07E-05	2.89E-05	4.70E-05
163	3.39	1.11E-02	3.36E+00	7.21E-03	1.45E-03	3.77E-03	1.06E-03	1.12E-05	2.99E-05	4.85E-05
164	3.27	1.09E-02	3.25E+00	7.80E-03	1.43E-03	3.62E-03	1.05E-03	1.17E-05	3.10E-05	5.01E-05
165	3.17	1.06E-02	3.14E+00	8.50E-03	1.40E-03	3.45E-03	1.05E-03	1.22E-05	3.21E-05	5.16E-05
166	3.07	1.04E-02	3.04E+00	9.38E-03	1.36E-03	3.26E-03	1.06E-03	1.28E-05	3.34E-05	5.33E-05
167	2.98	1.02E-02	2.95E+00	1.05E-02	1.33E-03	3.08E-03	1.06E-03	1.35E-05	3.47E-05	5.50E-05
168	4.82	1.52E-02	4.79E+00	2.55E-03	1.60E-03	4.38E-03	1.15E-03	6.10E-06	1.77E-05	2.80E-05
169	4.77	1.50E-02	4.74E+00	2.68E-03	1.55E-03	4.49E-03	1.21E-03	6.26E-06	1.81E-05	2.88E-05
170	4.71	1.48E-02	4.68E+00	2.81E-03	1.50E-03	4.58E-03	1.20E-03	6.43E-06	1.86E-05	2.97E-05
171	4.63	1.46E-02	4.61E+00	2.95E-03	1.46E-03	4.59E-03	1.15E-03	6.62E-06	1.90E-05	3.06E-05
172	4.55	1.43E-02	4.53E+00	3.10E-03	1.44E-03	4.53E-03	1.08E-03	6.82E-06	1.95E-05	3.16E-05
173	4.48	1.41E-02	4.45E+00	3.25E-03	1.44E-03	4.46E-03	1.02E-03	7.03E-06	2.00E-05	3.26E-05
174	4.40	1.38E-02	4.38E+00	3.41E-03	1.46E-03	4.41E-03	9.72E-04	7.26E-06	2.06E-05	3.36E-05
175	4.32	1.35E-02	4.30E+00	3.57E-03	1.48E-03	4.33E-03	9.48E-04	7.49E-06	2.11E-05	3.47E-05
176	4.25	1.32E-02	4.22E+00	3.75E-03	1.50E-03	4.19E-03	9.47E-04	7.74E-06	2.17E-05	3.58E-05
177	4.17	1.30E-02	4.14E+00	3.93E-03	1.51E-03	3.99E-03	9.65E-04	8.00E-06	2.23E-05	3.69E-05
178	4.09	1.27E-02	4.06E+00	4.13E-03	1.51E-03	3.80E-03	9.94E-04	8.28E-06	2.29E-05	3.81E-05
179	4.00	1.24E-02	3.98E+00	4.33E-03	1.50E-03	3.65E-03	1.02E-03	8.58E-06	2.36E-05	3.93E-05
180	3.91	1.22E-02	3.88E+00	4.54E-03	1.49E-03	3.57E-03	1.05E-03	8.89E-06	2.43E-05	4.06E-05
181	3.81	1.19E-02	3.79E+00	4.77E-03	1.47E-03	3.54E-03	1.06E-03	9.23E-06	2.51E-05	4.19E-05
182	3.70	1.16E-02	3.68E+00	5.03E-03	1.45E-03	3.54E-03	1.07E-03	9.58E-06	2.59E-05	4.32E-05
183	3.60	1.14E-02	3.58E+00	5.31E-03	1.43E-03	3.54E-03	1.07E-03	9.97E-06	2.67E-05	4.46E-05

Berkley WTPF

Unmitigated - - Risk Summary

		Cancer Risk								
Receptor #	Total Per/Million	Dredging	Peir	University	Seawall	Plaza	Boatlaunch	Haul 1	Haul 2	Haul 3
184	3.49	1.12E-02	3.47E+00	5.63E-03	1.41E-03	3.54E-03	1.05E-03	1.04E-05	2.76E-05	4.61E-05
185	3.38	1.09E-02	3.36E+00	5.99E-03	1.39E-03	3.52E-03	1.03E-03	1.08E-05	2.86E-05	4.75E-05
186	3.27	1.07E-02	3.25E+00	6.41E-03	1.37E-03	3.46E-03	1.01E-03	1.13E-05	2.96E-05	4.91E-05
187	3.16	1.05E-02	3.14E+00	6.90E-03	1.35E-03	3.37E-03	9.94E-04	1.18E-05	3.06E-05	5.07E-05
188	3.06	1.03E-02	3.04E+00	7.48E-03	1.32E-03	3.25E-03	9.93E-04	1.23E-05	3.18E-05	5.23E-05
189	2.97	1.00E-02	2.94E+00	8.18E-03	1.29E-03	3.11E-03	9.98E-04	1.29E-05	3.30E-05	5.41E-05
190	2.86	9.79E-03	2.84E+00	9.04E-03	1.26E-03	2.95E-03	9.99E-04	1.37E-05	3.44E-05	5.61E-05
191	4.49	1.44E-02	4.47E+00	2.39E-03	1.50E-03	3.90E-03	1.11E-03	6.10E-06	1.75E-05	2.79E-05
192	4.45	1.42E-02	4.42E+00	2.50E-03	1.45E-03	3.99E-03	1.15E-03	6.27E-06	1.79E-05	2.88E-05
193	4.39	1.40E-02	4.37E+00	2.61E-03	1.40E-03	4.08E-03	1.14E-03	6.45E-06	1.83E-05	2.96E-05
194	4.32	1.38E-02	4.30E+00	2.73E-03	1.36E-03	4.11E-03	1.08E-03	6.64E-06	1.88E-05	3.06E-05
195	4.26	1.36E-02	4.23E+00	2.86E-03	1.34E-03	4.06E-03	1.02E-03	6.84E-06	1.93E-05	3.15E-05
196	4.19	1.33E-02	4.17E+00	3.00E-03	1.35E-03	3.99E-03	9.60E-04	7.06E-06	1.98E-05	3.26E-05
197	4.12	1.31E-02	4.10E+00	3.14E-03	1.36E-03	3.95E-03	9.19E-04	7.28E-06	2.03E-05	3.36E-05
198	4.06	1.29E-02	4.04E+00	3.28E-03	1.38E-03	3.90E-03	8.98E-04	7.52E-06	2.09E-05	3.47E-05
199	3.99	1.26E-02	3.97E+00	3.43E-03	1.40E-03	3.81E-03	8.97E-04	7.77E-06	2.14E-05	3.58E-05
200	3.93	1.24E-02	3.91E+00	3.60E-03	1.41E-03	3.66E-03	9.14E-04	8.04E-06	2.20E-05	3.70E-05
201	3.63	1.14E-02	3.61E+00	4.33E-03	1.38E-03	3.16E-03	1.01E-03	9.27E-06	2.48E-05	4.22E-05
202	3.55	1.12E-02	3.53E+00	4.56E-03	1.36E-03	3.15E-03	1.02E-03	9.63E-06	2.56E-05	4.35E-05
203	3.46	1.10E-02	3.43E+00	4.80E-03	1.35E-03	3.15E-03	1.02E-03	1.00E-05	2.64E-05	4.50E-05
204	3.36	1.08E-02	3.34E+00	5.08E-03	1.33E-03	3.16E-03	1.00E-03	1.04E-05	2.73E-05	4.65E-05
205	3.26	1.05E-02	3.24E+00	5.39E-03	1.31E-03	3.16E-03	9.83E-04	1.09E-05	2.82E-05	4.80E-05
206	3.16	1.03E-02	3.14E+00	5.74E-03	1.30E-03	3.15E-03	9.60E-04	1.13E-05	2.92E-05	4.96E-05
207	3.07	1.01E-02	3.04E+00	6.15E-03	1.28E-03	3.11E-03	9.46E-04	1.19E-05	3.03E-05	5.13E-05
208	2.97	9.91E-03	2.95E+00	6.63E-03	1.25E-03	3.04E-03	9.41E-04	1.24E-05	3.14E-05	5.30E-05
209	2.88	9.71E-03	2.85E+00	7.19E-03	1.23E-03	2.94E-03	9.45E-04	1.30E-05	3.26E-05	5.48E-05
210	2.77	9.46E-03	2.75E+00	7.84E-03	1.19E-03	2.81E-03	9.44E-04	1.38E-05	3.40E-05	5.70E-05
211	4.21	1.37E-02	4.19E+00	2.24E-03	1.41E-03	3.49E-03	1.07E-03	6.06E-06	1.73E-05	2.78E-05
212	4.16	1.35E-02	4.14E+00	2.34E-03	1.36E-03	3.57E-03	1.10E-03	6.24E-06	1.77E-05	2.87E-05
213	4.11	1.33E-02	4.08E+00	2.44E-03	1.31E-03	3.66E-03	1.08E-03	6.42E-06	1.81E-05	2.96E-05
214	4.05	1.31E-02	4.03E+00	2.54E-03	1.27E-03	3.69E-03	1.02E-03	6.62E-06	1.86E-05	3.05E-05

Berkley WTPF

Unmitigated - - Risk Summary

		Cancer Risk								
Receptor #	Total Per/Million	Dredging	Peir	University	Seawall	Plaza	Boatlaunch	Haul 1	Haul 2	Haul 3
215	3.99	1.29E-02	3.97E+00	2.66E-03	1.26E-03	3.66E-03	9.60E-04	6.82E-06	1.90E-05	3.15E-05
216	3.93	1.27E-02	3.91E+00	2.78E-03	1.26E-03	3.60E-03	9.08E-04	7.04E-06	1.95E-05	3.25E-05
217	3.87	1.25E-02	3.85E+00	2.90E-03	1.27E-03	3.55E-03	8.71E-04	7.26E-06	2.00E-05	3.36E-05
218	3.82	1.23E-02	3.80E+00	3.03E-03	1.29E-03	3.52E-03	8.52E-04	7.50E-06	2.06E-05	3.47E-05
219	3.76	1.21E-02	3.74E+00	3.16E-03	1.31E-03	3.47E-03	8.51E-04	7.75E-06	2.12E-05	3.59E-05
220	3.32	1.06E-02	3.30E+00	4.37E-03	1.27E-03	2.82E-03	9.69E-04	1.00E-05	2.61E-05	4.53E-05
221	3.24	1.04E-02	3.22E+00	4.61E-03	1.25E-03	2.83E-03	9.60E-04	1.04E-05	2.70E-05	4.68E-05
222	3.15	1.02E-02	3.13E+00	4.87E-03	1.24E-03	2.84E-03	9.40E-04	1.09E-05	2.79E-05	4.84E-05
223	3.06	9.98E-03	3.04E+00	5.17E-03	1.23E-03	2.84E-03	9.19E-04	1.13E-05	2.89E-05	5.01E-05
224	2.97	9.78E-03	2.95E+00	5.51E-03	1.21E-03	2.83E-03	9.02E-04	1.19E-05	2.99E-05	5.18E-05
225	2.88	9.59E-03	2.86E+00	5.91E-03	1.19E-03	2.80E-03	8.95E-04	1.24E-05	3.10E-05	5.36E-05
226	2.80	9.40E-03	2.78E+00	6.35E-03	1.17E-03	2.75E-03	8.96E-04	1.30E-05	3.22E-05	5.55E-05
227	3.98	1.31E-02	3.96E+00	2.02E-03	1.36E-03	3.16E-03	9.71E-04	5.85E-06	1.66E-05	2.69E-05
228	3.94	1.29E-02	3.92E+00	2.10E-03	1.32E-03	3.15E-03	1.04E-03	6.01E-06	1.70E-05	2.77E-05
229	3.90	1.28E-02	3.88E+00	2.19E-03	1.27E-03	3.22E-03	1.05E-03	6.18E-06	1.74E-05	2.86E-05
230	3.85	1.26E-02	3.83E+00	2.28E-03	1.22E-03	3.30E-03	1.02E-03	6.36E-06	1.79E-05	2.95E-05
231	3.80	1.24E-02	3.78E+00	2.37E-03	1.19E-03	3.34E-03	9.65E-04	6.56E-06	1.83E-05	3.04E-05
232	3.75	1.22E-02	3.73E+00	2.47E-03	1.18E-03	3.32E-03	9.08E-04	6.76E-06	1.88E-05	3.14E-05
233	3.70	1.21E-02	3.68E+00	2.58E-03	1.18E-03	3.27E-03	8.61E-04	6.97E-06	1.93E-05	3.25E-05
234	3.65	1.19E-02	3.63E+00	2.69E-03	1.20E-03	3.22E-03	8.27E-04	7.20E-06	1.98E-05	3.36E-05
235	3.60	1.17E-02	3.58E+00	2.80E-03	1.22E-03	3.19E-03	8.09E-04	7.44E-06	2.03E-05	3.47E-05
236	3.55	1.15E-02	3.53E+00	2.92E-03	1.23E-03	3.16E-03	8.09E-04	7.69E-06	2.09E-05	3.59E-05
237	3.25	1.04E-02	3.23E+00	3.81E-03	1.22E-03	2.56E-03	9.21E-04	9.55E-06	2.50E-05	4.40E-05
238	3.18	1.02E-02	3.16E+00	4.00E-03	1.20E-03	2.54E-03	9.24E-04	9.94E-06	2.58E-05	4.56E-05
239	3.11	1.00E-02	3.09E+00	4.20E-03	1.19E-03	2.54E-03	9.18E-04	1.03E-05	2.66E-05	4.72E-05
240	3.04	9.85E-03	3.02E+00	4.43E-03	1.17E-03	2.55E-03	9.01E-04	1.08E-05	2.75E-05	4.88E-05
241	2.96	9.66E-03	2.95E+00	4.69E-03	1.16E-03	2.56E-03	8.80E-04	1.13E-05	2.85E-05	5.06E-05
242	2.88	9.48E-03	2.87E+00	4.97E-03	1.15E-03	2.57E-03	8.63E-04	1.18E-05	2.95E-05	5.23E-05
243	2.80	9.29E-03	2.78E+00	5.29E-03	1.13E-03	2.57E-03	8.52E-04	1.23E-05	3.06E-05	5.43E-05
244	2.71	9.10E-03	2.69E+00	5.66E-03	1.11E-03	2.54E-03	8.49E-04	1.30E-05	3.18E-05	5.63E-05
245	3.66	1.22E-02	3.64E+00	2.06E-03	1.19E-03	2.91E-03	1.00E-03	6.09E-06	1.72E-05	2.84E-05

Berkley WTPF

Unmitigated - - Risk Summary

		Cancer Risk								
Receptor #	Total Per/Million	Dredging	Peir	University	Seawall	Plaza	Boatlaunch	Haul 1	Haul 2	Haul 3
246	3.62	1.20E-02	3.60E+00	2.14E-03	1.15E-03	2.99E-03	9.67E-04	6.28E-06	1.76E-05	2.94E-05
247	3.58	1.18E-02	3.56E+00	2.22E-03	1.12E-03	3.04E-03	9.14E-04	6.47E-06	1.81E-05	3.03E-05
248	3.53	1.17E-02	3.51E+00	2.31E-03	1.11E-03	3.03E-03	8.61E-04	6.66E-06	1.85E-05	3.13E-05
249	3.49	1.15E-02	3.47E+00	2.41E-03	1.11E-03	2.98E-03	8.17E-04	6.88E-06	1.90E-05	3.24E-05
250	3.44	1.14E-02	3.42E+00	2.51E-03	1.13E-03	2.93E-03	7.86E-04	7.10E-06	1.95E-05	3.35E-05
251	3.40	1.12E-02	3.38E+00	2.61E-03	1.15E-03	2.90E-03	7.70E-04	7.33E-06	2.00E-05	3.46E-05
252	3.35	1.11E-02	3.34E+00	2.72E-03	1.16E-03	2.89E-03	7.70E-04	7.58E-06	2.06E-05	3.58E-05
253	3.10	1.01E-02	3.08E+00	3.51E-03	1.15E-03	2.34E-03	8.77E-04	9.42E-06	2.46E-05	4.42E-05
254	3.05	9.88E-03	3.03E+00	3.68E-03	1.14E-03	2.31E-03	8.82E-04	9.79E-06	2.54E-05	4.58E-05
255	2.99	9.71E-03	2.97E+00	3.85E-03	1.13E-03	2.30E-03	8.78E-04	1.02E-05	2.63E-05	4.74E-05
256	2.93	9.54E-03	2.91E+00	4.05E-03	1.11E-03	2.31E-03	8.64E-04	1.06E-05	2.72E-05	4.92E-05
257	2.87	9.37E-03	2.85E+00	4.27E-03	1.10E-03	2.32E-03	8.45E-04	1.11E-05	2.81E-05	5.09E-05
258	2.80	9.20E-03	2.78E+00	4.50E-03	1.09E-03	2.33E-03	8.27E-04	1.16E-05	2.91E-05	5.28E-05
259	2.72	9.02E-03	2.70E+00	4.77E-03	1.08E-03	2.34E-03	8.14E-04	1.22E-05	3.02E-05	5.49E-05
260	3.25	1.09E-02	3.24E+00	2.35E-03	1.06E-03	2.68E-03	7.49E-04	6.97E-06	1.92E-05	3.34E-05
261	3.21	1.07E-02	3.20E+00	2.44E-03	1.08E-03	2.65E-03	7.34E-04	7.19E-06	1.98E-05	3.45E-05
262	3.00	9.86E-03	2.98E+00	3.12E-03	1.11E-03	2.26E-03	8.25E-04	8.88E-06	2.35E-05	4.27E-05
263	2.96	9.71E-03	2.94E+00	3.25E-03	1.09E-03	2.17E-03	8.37E-04	9.23E-06	2.43E-05	4.43E-05
264	2.92	9.56E-03	2.90E+00	3.40E-03	1.08E-03	2.12E-03	8.43E-04	9.60E-06	2.51E-05	4.59E-05
265	2.87	9.40E-03	2.86E+00	3.55E-03	1.07E-03	2.10E-03	8.41E-04	9.99E-06	2.59E-05	4.76E-05
266	2.82	9.25E-03	2.81E+00	3.72E-03	1.06E-03	2.10E-03	8.30E-04	1.04E-05	2.68E-05	4.94E-05
267	2.77	9.09E-03	2.75E+00	3.90E-03	1.05E-03	2.10E-03	8.12E-04	1.09E-05	2.77E-05	5.13E-05
268	2.71	8.94E-03	2.69E+00	4.10E-03	1.04E-03	2.11E-03	7.94E-04	1.14E-05	2.87E-05	5.32E-05
269	2.64	8.76E-03	2.62E+00	4.32E-03	1.03E-03	2.12E-03	7.78E-04	1.19E-05	2.98E-05	5.54E-05
270	2.86	9.52E-03	2.84E+00	2.90E-03	1.05E-03	2.13E-03	7.88E-04	8.68E-06	2.32E-05	4.27E-05
271	2.82	9.39E-03	2.81E+00	3.02E-03	1.04E-03	2.03E-03	7.99E-04	9.01E-06	2.40E-05	4.43E-05
272	2.79	9.25E-03	2.77E+00	3.15E-03	1.03E-03	1.96E-03	8.06E-04	9.37E-06	2.47E-05	4.60E-05
273	2.75	9.11E-03	2.74E+00	3.28E-03	1.02E-03	1.93E-03	8.06E-04	9.75E-06	2.56E-05	4.78E-05
274	2.71	8.97E-03	2.70E+00	3.43E-03	1.01E-03	1.92E-03	7.98E-04	1.02E-05	2.64E-05	4.96E-05
275	2.67	8.83E-03	2.65E+00	3.58E-03	9.97E-04	1.92E-03	7.82E-04	1.06E-05	2.73E-05	5.15E-05
276	2.61	8.67E-03	2.60E+00	3.75E-03	9.89E-04	1.93E-03	7.62E-04	1.11E-05	2.83E-05	5.36E-05

Berkley WTPF

Unmitigated - - Risk Summary

		Cancer Risk								
Receptor #	Total Per/Million	Dredging	Peir	University	Seawall	Plaza	Boatlaunch	Haul 1	Haul 2	Haul 3
277	3.17	1.11E-02	3.15E+00	1.46E-03	1.08E-03	2.53E-03	6.54E-04	5.02E-06	1.47E-05	2.39E-05
278	3.16	1.10E-02	3.14E+00	1.51E-03	1.11E-03	2.39E-03	7.32E-04	5.14E-06	1.51E-05	2.46E-05
279	3.14	1.09E-02	3.12E+00	1.57E-03	1.11E-03	2.25E-03	8.10E-04	5.28E-06	1.54E-05	2.54E-05
280	3.12	1.08E-02	3.10E+00	1.63E-03	1.09E-03	2.17E-03	8.66E-04	5.42E-06	1.57E-05	2.62E-05
281	3.10	1.07E-02	3.08E+00	1.68E-03	1.05E-03	2.17E-03	8.86E-04	5.57E-06	1.61E-05	2.70E-05
282	2.75	9.32E-03	2.73E+00	2.60E-03	1.01E-03	2.11E-03	7.38E-04	8.15E-06	2.22E-05	4.11E-05
283	2.72	9.20E-03	2.71E+00	2.71E-03	1.00E-03	2.02E-03	7.53E-04	8.45E-06	2.29E-05	4.26E-05
284	2.70	9.08E-03	2.68E+00	2.82E-03	9.92E-04	1.92E-03	7.64E-04	8.78E-06	2.36E-05	4.43E-05
285	2.67	8.96E-03	2.65E+00	2.93E-03	9.80E-04	1.84E-03	7.71E-04	9.12E-06	2.44E-05	4.60E-05
286	2.64	8.83E-03	2.62E+00	3.05E-03	9.68E-04	1.79E-03	7.73E-04	9.49E-06	2.52E-05	4.78E-05
287	2.61	8.71E-03	2.59E+00	3.17E-03	9.58E-04	1.76E-03	7.67E-04	9.89E-06	2.61E-05	4.97E-05
288	2.57	8.58E-03	2.55E+00	3.30E-03	9.50E-04	1.76E-03	7.53E-04	1.03E-05	2.69E-05	5.17E-05
289	2.52	8.42E-03	2.50E+00	3.44E-03	9.41E-04	1.76E-03	7.33E-04	1.08E-05	2.80E-05	5.40E-05
290	3.02	1.07E-02	3.00E+00	1.34E-03	9.82E-04	2.39E-03	5.84E-04	4.78E-06	1.42E-05	2.30E-05
291	3.01	1.06E-02	2.99E+00	1.39E-03	1.04E-03	2.33E-03	6.46E-04	4.90E-06	1.45E-05	2.37E-05
292	2.99	1.05E-02	2.97E+00	1.45E-03	1.07E-03	2.19E-03	7.21E-04	5.03E-06	1.49E-05	2.44E-05
293	2.97	1.05E-02	2.96E+00	1.50E-03	1.06E-03	2.07E-03	7.92E-04	5.16E-06	1.52E-05	2.52E-05
294	2.95	1.04E-02	2.94E+00	1.55E-03	1.03E-03	2.00E-03	8.40E-04	5.30E-06	1.55E-05	2.60E-05
295	2.93	1.03E-02	2.92E+00	1.60E-03	9.90E-04	2.00E-03	8.51E-04	5.45E-06	1.59E-05	2.68E-05
296	2.91	1.02E-02	2.89E+00	1.65E-03	9.47E-04	2.05E-03	8.30E-04	5.60E-06	1.63E-05	2.77E-05
297	2.88	1.01E-02	2.87E+00	1.71E-03	9.13E-04	2.11E-03	7.89E-04	5.77E-06	1.67E-05	2.86E-05
298	2.86	9.96E-03	2.84E+00	1.77E-03	8.92E-04	2.16E-03	7.44E-04	5.93E-06	1.71E-05	2.96E-05
299	2.83	9.85E-03	2.81E+00	1.83E-03	8.85E-04	2.18E-03	7.05E-04	6.11E-06	1.76E-05	3.06E-05
300	2.80	9.74E-03	2.79E+00	1.89E-03	8.90E-04	2.16E-03	6.74E-04	6.30E-06	1.80E-05	3.17E-05
301	2.62	9.00E-03	2.60E+00	2.44E-03	9.61E-04	1.99E-03	7.06E-04	7.94E-06	2.19E-05	4.09E-05
302	2.60	8.89E-03	2.58E+00	2.53E-03	9.55E-04	1.91E-03	7.20E-04	8.23E-06	2.26E-05	4.25E-05
303	2.57	8.78E-03	2.56E+00	2.63E-03	9.46E-04	1.82E-03	7.31E-04	8.54E-06	2.33E-05	4.42E-05
304	2.55	8.68E-03	2.54E+00	2.73E-03	9.35E-04	1.74E-03	7.39E-04	8.88E-06	2.41E-05	4.60E-05
305	2.53	8.57E-03	2.51E+00	2.83E-03	9.24E-04	1.68E-03	7.42E-04	9.23E-06	2.49E-05	4.78E-05
306	2.50	8.45E-03	2.49E+00	2.94E-03	9.14E-04	1.64E-03	7.38E-04	9.61E-06	2.57E-05	4.98E-05
307	2.47	8.34E-03	2.46E+00	3.05E-03	9.07E-04	1.62E-03	7.26E-04	1.00E-05	2.66E-05	5.18E-05

Berkley WTPF

Unmitigated - - Risk Summary

		Cancer Risk								
Receptor #	Total Per/Million	Dredging	Peir	University	Seawall	Plaza	Boatlaunch	Haul 1	Haul 2	Haul 3
308	2.86	1.02E-02	2.84E+00	1.29E-03	9.52E-04	2.23E-03	5.74E-04	4.68E-06	1.41E-05	2.29E-05
309	2.85	1.02E-02	2.83E+00	1.34E-03	1.00E-03	2.15E-03	6.37E-04	4.80E-06	1.43E-05	2.35E-05
310	2.83	1.01E-02	2.82E+00	1.38E-03	1.02E-03	2.02E-03	7.10E-04	4.92E-06	1.47E-05	2.42E-05
311	2.82	1.00E-02	2.80E+00	1.43E-03	1.01E-03	1.91E-03	7.74E-04	5.05E-06	1.50E-05	2.50E-05
312	2.80	9.96E-03	2.78E+00	1.48E-03	9.79E-04	1.85E-03	8.13E-04	5.19E-06	1.54E-05	2.58E-05
313	2.78	9.87E-03	2.77E+00	1.53E-03	9.38E-04	1.85E-03	8.17E-04	5.33E-06	1.57E-05	2.66E-05
314	2.76	9.78E-03	2.74E+00	1.58E-03	8.98E-04	1.89E-03	7.92E-04	5.48E-06	1.61E-05	2.75E-05
315	2.74	9.68E-03	2.72E+00	1.62E-03	8.66E-04	1.95E-03	7.52E-04	5.63E-06	1.65E-05	2.84E-05
316	2.71	9.58E-03	2.70E+00	1.68E-03	8.47E-04	2.00E-03	7.09E-04	5.80E-06	1.69E-05	2.94E-05
317	2.69	9.48E-03	2.67E+00	1.73E-03	8.41E-04	2.02E-03	6.73E-04	5.97E-06	1.74E-05	3.04E-05
318	2.66	9.38E-03	2.65E+00	1.79E-03	8.45E-04	2.01E-03	6.44E-04	6.15E-06	1.78E-05	3.15E-05
319	2.64	9.28E-03	2.62E+00	1.86E-03	8.57E-04	1.98E-03	6.24E-04	6.34E-06	1.83E-05	3.26E-05
320	2.61	9.18E-03	2.60E+00	1.92E-03	8.73E-04	1.94E-03	6.14E-04	6.55E-06	1.88E-05	3.38E-05
321	2.59	9.08E-03	2.57E+00	1.99E-03	8.90E-04	1.92E-03	6.15E-04	6.76E-06	1.93E-05	3.50E-05
322	2.56	8.98E-03	2.55E+00	2.06E-03	9.03E-04	1.91E-03	6.25E-04	6.98E-06	1.99E-05	3.63E-05
323	2.50	8.70E-03	2.48E+00	2.29E-03	9.17E-04	1.87E-03	6.77E-04	7.74E-06	2.17E-05	4.07E-05
324	2.48	8.60E-03	2.46E+00	2.37E-03	9.12E-04	1.82E-03	6.90E-04	8.02E-06	2.23E-05	4.23E-05
325	2.46	8.50E-03	2.44E+00	2.46E-03	9.04E-04	1.74E-03	7.00E-04	8.32E-06	2.30E-05	4.40E-05
326	2.44	8.41E-03	2.42E+00	2.55E-03	8.94E-04	1.66E-03	7.08E-04	8.64E-06	2.38E-05	4.58E-05
327	2.42	8.31E-03	2.41E+00	2.64E-03	8.83E-04	1.59E-03	7.12E-04	8.98E-06	2.45E-05	4.77E-05
328	2.40	8.21E-03	2.38E+00	2.73E-03	8.74E-04	1.54E-03	7.10E-04	9.34E-06	2.53E-05	4.97E-05
329	2.38	8.11E-03	2.36E+00	2.83E-03	8.66E-04	1.51E-03	7.01E-04	9.74E-06	2.62E-05	5.18E-05
330	2.72	9.83E-03	2.70E+00	1.24E-03	9.23E-04	2.07E-03	5.65E-04	4.59E-06	1.39E-05	2.27E-05
331	2.71	9.78E-03	2.69E+00	1.28E-03	9.64E-04	1.99E-03	6.30E-04	4.70E-06	1.42E-05	2.33E-05
332	2.69	9.72E-03	2.68E+00	1.33E-03	9.76E-04	1.87E-03	6.99E-04	4.82E-06	1.45E-05	2.40E-05
333	2.68	9.65E-03	2.66E+00	1.37E-03	9.62E-04	1.77E-03	7.56E-04	4.94E-06	1.48E-05	2.48E-05
334	2.66	9.58E-03	2.65E+00	1.42E-03	9.30E-04	1.72E-03	7.86E-04	5.08E-06	1.52E-05	2.56E-05
335	2.64	9.50E-03	2.63E+00	1.46E-03	8.90E-04	1.72E-03	7.84E-04	5.21E-06	1.55E-05	2.64E-05
336	2.62	9.41E-03	2.61E+00	1.50E-03	8.52E-04	1.76E-03	7.56E-04	5.36E-06	1.59E-05	2.72E-05
337	2.60	9.32E-03	2.59E+00	1.55E-03	8.23E-04	1.81E-03	7.17E-04	5.51E-06	1.63E-05	2.82E-05
338	2.58	9.23E-03	2.57E+00	1.60E-03	8.05E-04	1.85E-03	6.77E-04	5.67E-06	1.67E-05	2.91E-05

Berkley WTPF

Unmitigated - - Risk Summary

		Cancer Risk								
Receptor #	Total Per/Million	Dredging	Peir	University	Seawall	Plaza	Boatlaunch	Haul 1	Haul 2	Haul 3
339	2.56	9.13E-03	2.54E+00	1.65E-03	8.00E-04	1.88E-03	6.43E-04	5.84E-06	1.72E-05	3.01E-05
340	2.54	9.04E-03	2.52E+00	1.70E-03	8.04E-04	1.88E-03	6.17E-04	6.01E-06	1.76E-05	3.12E-05
341	2.51	8.95E-03	2.50E+00	1.76E-03	8.16E-04	1.85E-03	5.98E-04	6.20E-06	1.81E-05	3.23E-05
342	2.49	8.86E-03	2.48E+00	1.82E-03	8.31E-04	1.82E-03	5.89E-04	6.39E-06	1.86E-05	3.35E-05
343	2.47	8.77E-03	2.45E+00	1.88E-03	8.47E-04	1.79E-03	5.90E-04	6.60E-06	1.91E-05	3.47E-05
344	2.45	8.68E-03	2.43E+00	1.95E-03	8.61E-04	1.77E-03	6.00E-04	6.82E-06	1.96E-05	3.61E-05
345	2.42	8.59E-03	2.41E+00	2.01E-03	8.70E-04	1.77E-03	6.16E-04	7.05E-06	2.02E-05	3.75E-05
346	2.40	8.50E-03	2.39E+00	2.08E-03	8.76E-04	1.77E-03	6.33E-04	7.29E-06	2.08E-05	3.89E-05
347	2.38	8.41E-03	2.37E+00	2.15E-03	8.76E-04	1.76E-03	6.49E-04	7.54E-06	2.14E-05	4.05E-05
348	2.37	8.32E-03	2.35E+00	2.23E-03	8.72E-04	1.72E-03	6.62E-04	7.82E-06	2.21E-05	4.21E-05
349	2.35	8.24E-03	2.34E+00	2.31E-03	8.65E-04	1.66E-03	6.72E-04	8.11E-06	2.27E-05	4.38E-05
350	2.33	8.15E-03	2.32E+00	2.38E-03	8.56E-04	1.59E-03	6.80E-04	8.42E-06	2.35E-05	4.56E-05
351	2.31	8.05E-03	2.30E+00	2.47E-03	8.45E-04	1.51E-03	6.84E-04	8.76E-06	2.42E-05	4.76E-05
352	2.30	7.96E-03	2.28E+00	2.55E-03	8.36E-04	1.45E-03	6.83E-04	9.12E-06	2.50E-05	4.96E-05
353	2.58	9.45E-03	2.57E+00	1.19E-03	8.95E-04	1.94E-03	5.58E-04	4.50E-06	1.37E-05	2.25E-05
354	2.57	9.41E-03	2.56E+00	1.23E-03	9.29E-04	1.85E-03	6.22E-04	4.60E-06	1.40E-05	2.31E-05
355	2.56	9.36E-03	2.55E+00	1.27E-03	9.35E-04	1.73E-03	6.87E-04	4.72E-06	1.43E-05	2.38E-05
356	2.55	9.29E-03	2.53E+00	1.31E-03	9.18E-04	1.64E-03	7.37E-04	4.84E-06	1.47E-05	2.46E-05
357	2.53	9.23E-03	2.52E+00	1.35E-03	8.85E-04	1.60E-03	7.60E-04	4.97E-06	1.50E-05	2.53E-05
358	2.52	9.15E-03	2.50E+00	1.39E-03	8.46E-04	1.60E-03	7.52E-04	5.11E-06	1.54E-05	2.61E-05
359	2.50	9.07E-03	2.48E+00	1.44E-03	8.10E-04	1.64E-03	7.23E-04	5.25E-06	1.57E-05	2.70E-05
360	2.48	8.99E-03	2.46E+00	1.48E-03	7.83E-04	1.68E-03	6.84E-04	5.40E-06	1.61E-05	2.79E-05
361	2.46	8.90E-03	2.44E+00	1.52E-03	7.67E-04	1.73E-03	6.47E-04	5.55E-06	1.65E-05	2.88E-05
362	2.44	8.81E-03	2.42E+00	1.57E-03	7.62E-04	1.75E-03	6.16E-04	5.71E-06	1.70E-05	2.98E-05
363	2.42	8.73E-03	2.40E+00	1.62E-03	7.66E-04	1.76E-03	5.92E-04	5.88E-06	1.74E-05	3.09E-05
364	2.40	8.64E-03	2.38E+00	1.67E-03	7.78E-04	1.74E-03	5.74E-04	6.06E-06	1.79E-05	3.20E-05
365	2.38	8.56E-03	2.36E+00	1.73E-03	7.92E-04	1.70E-03	5.65E-04	6.25E-06	1.84E-05	3.32E-05
366	2.36	8.47E-03	2.34E+00	1.79E-03	8.08E-04	1.67E-03	5.66E-04	6.45E-06	1.89E-05	3.44E-05
367	2.34	8.39E-03	2.32E+00	1.84E-03	8.21E-04	1.66E-03	5.76E-04	6.66E-06	1.94E-05	3.57E-05
368	2.32	8.30E-03	2.30E+00	1.90E-03	8.31E-04	1.65E-03	5.91E-04	6.88E-06	2.00E-05	3.71E-05
369	2.30	8.22E-03	2.28E+00	1.97E-03	8.37E-04	1.66E-03	6.08E-04	7.12E-06	2.05E-05	3.86E-05

Berkley WTPF

Unmitigated - - Risk Summary

		Cancer Risk								
Receptor #	Total Per/Million	Dredging	Peir	University	Seawall	Plaza	Boatlaunch	Haul 1	Haul 2	Haul 3
370	2.28	8.14E-03	2.26E+00	2.03E-03	8.38E-04	1.65E-03	6.23E-04	7.37E-06	2.12E-05	4.02E-05
371	2.26	8.06E-03	2.25E+00	2.10E-03	8.35E-04	1.63E-03	6.35E-04	7.63E-06	2.18E-05	4.18E-05
372	2.25	7.98E-03	2.23E+00	2.17E-03	8.28E-04	1.59E-03	6.45E-04	7.91E-06	2.25E-05	4.35E-05
373	2.45	9.07E-03	2.44E+00	1.18E-03	8.95E-04	1.72E-03	6.15E-04	4.52E-06	1.39E-05	2.29E-05
374	2.44	9.02E-03	2.43E+00	1.22E-03	8.96E-04	1.61E-03	6.75E-04	4.63E-06	1.42E-05	2.36E-05
375	2.43	8.96E-03	2.42E+00	1.26E-03	8.76E-04	1.53E-03	7.18E-04	4.75E-06	1.45E-05	2.43E-05
376	2.42	8.90E-03	2.40E+00	1.30E-03	8.42E-04	1.49E-03	7.34E-04	4.88E-06	1.49E-05	2.51E-05
377	2.40	8.83E-03	2.39E+00	1.34E-03	8.05E-04	1.49E-03	7.22E-04	5.01E-06	1.52E-05	2.59E-05
378	2.38	8.76E-03	2.37E+00	1.37E-03	7.71E-04	1.53E-03	6.91E-04	5.14E-06	1.56E-05	2.67E-05
379	2.36	8.68E-03	2.35E+00	1.41E-03	7.46E-04	1.57E-03	6.54E-04	5.29E-06	1.60E-05	2.76E-05
380	2.35	8.60E-03	2.33E+00	1.45E-03	7.31E-04	1.61E-03	6.19E-04	5.44E-06	1.64E-05	2.85E-05
381	2.33	8.52E-03	2.31E+00	1.50E-03	7.27E-04	1.64E-03	5.90E-04	5.60E-06	1.68E-05	2.95E-05
382	2.31	8.44E-03	2.29E+00	1.54E-03	7.31E-04	1.65E-03	5.68E-04	5.76E-06	1.72E-05	3.06E-05
383	2.29	8.35E-03	2.28E+00	1.59E-03	7.42E-04	1.63E-03	5.52E-04	5.94E-06	1.77E-05	3.17E-05
384	2.27	8.27E-03	2.26E+00	1.64E-03	7.56E-04	1.60E-03	5.44E-04	6.12E-06	1.82E-05	3.29E-05
385	2.25	8.19E-03	2.24E+00	1.70E-03	7.71E-04	1.57E-03	5.44E-04	6.31E-06	1.87E-05	3.41E-05
386	2.23	8.12E-03	2.22E+00	1.75E-03	7.85E-04	1.55E-03	5.53E-04	6.51E-06	1.92E-05	3.54E-05
387	2.21	8.04E-03	2.20E+00	1.80E-03	7.94E-04	1.55E-03	5.68E-04	6.73E-06	1.97E-05	3.68E-05
388	2.20	7.96E-03	2.18E+00	1.86E-03	8.00E-04	1.55E-03	5.83E-04	6.96E-06	2.03E-05	3.83E-05
389	2.34	8.74E-03	2.33E+00	1.14E-03	8.62E-04	1.60E-03	6.07E-04	4.44E-06	1.38E-05	2.28E-05
390	2.33	8.69E-03	2.32E+00	1.18E-03	8.58E-04	1.50E-03	6.62E-04	4.55E-06	1.41E-05	2.34E-05
391	2.32	8.65E-03	2.31E+00	1.21E-03	8.36E-04	1.43E-03	6.99E-04	4.67E-06	1.44E-05	2.41E-05
392	2.31	8.59E-03	2.29E+00	1.25E-03	8.03E-04	1.39E-03	7.09E-04	4.79E-06	1.47E-05	2.49E-05
393	2.29	8.53E-03	2.28E+00	1.28E-03	7.67E-04	1.40E-03	6.93E-04	4.91E-06	1.51E-05	2.56E-05
394	2.28	8.46E-03	2.26E+00	1.32E-03	7.35E-04	1.43E-03	6.61E-04	5.05E-06	1.54E-05	2.65E-05
395	2.26	8.39E-03	2.25E+00	1.35E-03	7.12E-04	1.47E-03	6.26E-04	5.19E-06	1.58E-05	2.73E-05
396	2.24	8.31E-03	2.23E+00	1.39E-03	6.98E-04	1.51E-03	5.93E-04	5.33E-06	1.62E-05	2.83E-05
397	2.22	8.24E-03	2.21E+00	1.43E-03	6.94E-04	1.54E-03	5.66E-04	5.48E-06	1.66E-05	2.92E-05
398	2.21	8.16E-03	2.19E+00	1.47E-03	6.99E-04	1.55E-03	5.45E-04	5.65E-06	1.71E-05	3.03E-05
399	2.19	8.09E-03	2.18E+00	1.52E-03	7.09E-04	1.54E-03	5.31E-04	5.81E-06	1.75E-05	3.13E-05
400	2.17	8.01E-03	2.16E+00	1.57E-03	7.23E-04	1.51E-03	5.23E-04	5.99E-06	1.80E-05	3.25E-05

Berkley WTPF

Unmitigated - - Risk Summary

		Cancer Risk								
Receptor #	Total Per/Million	Dredging	Peir	University	Seawall	Plaza	Boatlaunch	Haul 1	Haul 2	Haul 3
401	2.15	7.94E-03	2.14E+00	1.61E-03	7.38E-04	1.48E-03	5.24E-04	6.18E-06	1.85E-05	3.37E-05
402	2.14	7.86E-03	2.13E+00	1.66E-03	7.50E-04	1.46E-03	5.33E-04	6.38E-06	1.90E-05	3.50E-05
403	2.12	7.79E-03	2.11E+00	1.71E-03	7.60E-04	1.45E-03	5.46E-04	6.59E-06	1.95E-05	3.64E-05
404	2.22	8.37E-03	2.21E+00	1.13E-03	8.21E-04	1.40E-03	6.48E-04	4.49E-06	1.40E-05	2.33E-05
405	2.22	8.35E-03	2.20E+00	1.17E-03	7.99E-04	1.34E-03	6.79E-04	4.59E-06	1.43E-05	2.39E-05
406	2.21	8.31E-03	2.20E+00	1.20E-03	7.66E-04	1.31E-03	6.83E-04	4.70E-06	1.46E-05	2.46E-05
407	2.19	8.25E-03	2.18E+00	1.23E-03	7.32E-04	1.31E-03	6.65E-04	4.82E-06	1.49E-05	2.54E-05
408	2.18	8.19E-03	2.17E+00	1.26E-03	7.02E-04	1.34E-03	6.33E-04	4.95E-06	1.53E-05	2.62E-05
409	2.16	8.12E-03	2.15E+00	1.30E-03	6.80E-04	1.38E-03	5.99E-04	5.09E-06	1.57E-05	2.71E-05
410	2.15	8.05E-03	2.13E+00	1.33E-03	6.68E-04	1.42E-03	5.69E-04	5.23E-06	1.61E-05	2.80E-05
411	2.13	7.98E-03	2.12E+00	1.37E-03	6.64E-04	1.44E-03	5.44E-04	5.38E-06	1.65E-05	2.89E-05
412	2.11	7.91E-03	2.10E+00	1.41E-03	6.68E-04	1.46E-03	5.25E-04	5.54E-06	1.69E-05	2.99E-05
413	2.10	7.84E-03	2.08E+00	1.45E-03	6.79E-04	1.45E-03	5.11E-04	5.70E-06	1.74E-05	3.10E-05
414	2.08	7.76E-03	2.07E+00	1.49E-03	6.92E-04	1.43E-03	5.04E-04	5.87E-06	1.78E-05	3.21E-05
415	2.06	7.69E-03	2.05E+00	1.54E-03	7.06E-04	1.40E-03	5.05E-04	6.06E-06	1.83E-05	3.33E-05
416	2.05	7.63E-03	2.04E+00	1.58E-03	7.19E-04	1.38E-03	5.13E-04	6.25E-06	1.88E-05	3.46E-05
417	2.03	7.56E-03	2.02E+00	1.62E-03	7.29E-04	1.36E-03	5.26E-04	6.45E-06	1.94E-05	3.60E-05
418	2.11	8.01E-03	2.09E+00	1.15E-03	7.30E-04	1.23E-03	6.57E-04	4.64E-06	1.45E-05	2.45E-05
419	2.10	7.99E-03	2.09E+00	1.18E-03	6.99E-04	1.23E-03	6.38E-04	4.74E-06	1.48E-05	2.52E-05
420	2.09	7.93E-03	2.08E+00	1.21E-03	6.71E-04	1.26E-03	6.07E-04	4.86E-06	1.52E-05	2.59E-05
421	2.07	7.86E-03	2.06E+00	1.24E-03	6.51E-04	1.30E-03	5.75E-04	5.00E-06	1.56E-05	2.68E-05
422	2.06	7.80E-03	2.05E+00	1.28E-03	6.39E-04	1.33E-03	5.46E-04	5.14E-06	1.59E-05	2.77E-05
423	2.04	7.73E-03	2.03E+00	1.31E-03	6.36E-04	1.36E-03	5.23E-04	5.28E-06	1.63E-05	2.86E-05
424	2.02	7.67E-03	2.01E+00	1.35E-03	6.40E-04	1.37E-03	5.05E-04	5.43E-06	1.68E-05	2.96E-05
425	2.01	7.60E-03	2.00E+00	1.39E-03	6.50E-04	1.37E-03	4.92E-04	5.59E-06	1.72E-05	3.06E-05
426	1.99	7.53E-03	1.98E+00	1.42E-03	6.63E-04	1.36E-03	4.86E-04	5.76E-06	1.77E-05	3.18E-05
427	1.98	7.47E-03	1.97E+00	1.46E-03	6.77E-04	1.33E-03	4.87E-04	5.94E-06	1.81E-05	3.30E-05
428	1.96	7.40E-03	1.95E+00	1.50E-03	6.89E-04	1.30E-03	4.94E-04	6.13E-06	1.86E-05	3.42E-05
429	1.95	7.33E-03	1.94E+00	1.55E-03	6.98E-04	1.29E-03	5.06E-04	6.34E-06	1.92E-05	3.56E-05
430	1.95	7.49E-03	1.94E+00	1.26E-03	6.10E-04	1.28E-03	5.03E-04	5.20E-06	1.62E-05	2.83E-05
431	1.94	7.43E-03	1.93E+00	1.29E-03	6.14E-04	1.30E-03	4.86E-04	5.34E-06	1.66E-05	2.93E-05

Berkley WTPF

Unmitigated - - Risk Summary

		Cancer Risk								
Receptor #	Total Per/Million	Dredging	Peir	University	Seawall	Plaza	Boatlaunch	Haul 1	Haul 2	Haul 3
432	1.93	7.37E-03	1.91E+00	1.33E-03	6.23E-04	1.30E-03	4.74E-04	5.50E-06	1.71E-05	3.03E-05
433	1.91	7.31E-03	1.90E+00	1.36E-03	6.36E-04	1.29E-03	4.68E-04	5.66E-06	1.75E-05	3.14E-05
434	1.90	7.25E-03	1.89E+00	1.40E-03	6.49E-04	1.26E-03	4.70E-04	5.83E-06	1.80E-05	3.26E-05
435	1.89	7.19E-03	1.88E+00	1.43E-03	6.61E-04	1.24E-03	4.77E-04	6.01E-06	1.85E-05	3.38E-05
						Park				
436	6.26	1.92E-02	6.19E+00	1.41E-03	3.70E-02	4.89E-03	3.41E-03	2.70E-06	7.88E-06	8.19E-06
437	5.76	1.74E-02	5.70E+00	1.40E-03	3.44E-02	5.05E-03	3.79E-03	2.79E-06	8.12E-06	8.29E-06
438	8.00	2.44E-02	7.94E+00	1.56E-03	2.73E-02	6.53E-03	2.38E-03	2.51E-06	7.37E-06	8.16E-06
439	7.31	2.17E-02	7.25E+00	1.59E-03	2.88E-02	6.51E-03	2.56E-03	2.60E-06	7.59E-06	8.26E-06
440	6.68	1.96E-02	6.62E+00	1.60E-03	3.03E-02	6.77E-03	2.91E-03	2.68E-06	7.82E-06	8.36E-06
441	6.08	1.77E-02	6.03E+00	1.60E-03	2.38E-02	7.02E-03	3.18E-03	2.78E-06	8.06E-06	8.46E-06
442	9.75	2.80E-02	9.69E+00	1.76E-03	1.47E-02	9.37E-03	1.98E-03	2.38E-06	7.11E-06	8.18E-06
443	8.74	2.45E-02	8.68E+00	1.79E-03	2.35E-02	9.19E-03	2.03E-03	2.47E-06	7.31E-06	8.30E-06
444	7.86	2.18E-02	7.80E+00	1.82E-03	2.18E-02	9.47E-03	2.21E-03	2.57E-06	7.53E-06	8.41E-06
445	7.09	1.96E-02	7.03E+00	1.84E-03	1.85E-02	9.85E-03	2.52E-03	2.66E-06	7.75E-06	8.52E-06
446	6.39	1.77E-02	6.34E+00	1.85E-03	1.57E-02	9.89E-03	2.70E-03	2.76E-06	7.99E-06	8.63E-06
447	10.80	2.75E-02	1.07E+01	2.03E-03	1.54E-02	1.43E-02	1.69E-03	2.34E-06	7.05E-06	8.31E-06
448	9.47	2.41E-02	9.41E+00	2.08E-03	1.66E-02	1.44E-02	1.75E-03	2.44E-06	7.25E-06	8.43E-06
449	8.37	2.15E-02	8.32E+00	2.12E-03	1.42E-02	1.47E-02	1.95E-03	2.53E-06	7.47E-06	8.56E-06
450	7.46	1.94E-02	7.41E+00	2.16E-03	1.26E-02	1.46E-02	2.21E-03	2.63E-06	7.69E-06	8.67E-06
451	6.65	1.75E-02	6.61E+00	2.18E-03	1.11E-02	1.37E-02	2.32E-03	2.73E-06	7.93E-06	8.80E-06
452	5.98	1.59E-02	5.94E+00	2.20E-03	9.85E-03	1.25E-02	2.25E-03	2.84E-06	8.18E-06	8.92E-06
453	11.82	2.67E-02	1.18E+01	2.41E-03	1.08E-02	2.53E-02	1.47E-03	2.30E-06	7.00E-06	8.43E-06
454	10.13	2.35E-02	1.01E+01	2.48E-03	1.22E-02	2.47E-02	1.55E-03	2.39E-06	7.20E-06	8.56E-06
455	8.81	2.10E-02	8.76E+00	2.54E-03	1.04E-02	2.32E-02	1.74E-03	2.49E-06	7.41E-06	8.70E-06
456	7.77	1.90E-02	7.71E+00	2.61E-03	9.31E-03	2.09E-02	1.95E-03	2.58E-06	7.62E-06	8.82E-06
457	6.87	1.72E-02	6.83E+00	2.65E-03	8.31E-03	1.81E-02	2.00E-03	2.69E-06	7.86E-06	8.95E-06
458	6.14	1.56E-02	6.10E+00	2.70E-03	7.50E-03	1.55E-02	1.93E-03	2.80E-06	8.10E-06	9.09E-06
459	15.34	2.95E-02	1.52E+01	2.81E-03	5.28E-03	5.99E-02	1.27E-03	2.18E-06	6.75E-06	8.40E-06
460	12.62	2.57E-02	1.25E+01	2.96E-03	1.24E-02	5.13E-02	1.29E-03	2.26E-06	6.94E-06	8.54E-06
461	10.61	2.27E-02	1.05E+01	3.07E-03	9.37E-03	4.30E-02	1.38E-03	2.35E-06	7.14E-06	8.69E-06

Berkley WTPF

Unmitigated - - Risk Summary

		Cancer Risk								
Receptor #	Total Per/Million	Dredging	Peir	University	Seawall	Plaza	Boatlaunch	Haul 1	Haul 2	Haul 3
462	9.12	2.03E-02	9.05E+00	3.18E-03	7.97E-03	3.53E-02	1.57E-03	2.44E-06	7.34E-06	8.83E-06
463	7.97	1.84E-02	7.91E+00	3.30E-03	7.15E-03	2.85E-02	1.73E-03	2.54E-06	7.56E-06	8.96E-06
464	7.02	1.67E-02	6.97E+00	3.38E-03	6.45E-03	2.28E-02	1.75E-03	2.65E-06	7.79E-06	9.11E-06
465	6.24	1.52E-02	6.20E+00	3.43E-03	5.89E-03	1.84E-02	1.67E-03	2.76E-06	8.03E-06	9.25E-06
466	5.60	1.40E-02	5.56E+00	3.45E-03	5.43E-03	1.49E-02	1.62E-03	2.88E-06	8.28E-06	9.40E-06
467	15.82	2.79E-02	1.57E+01	3.61E-03	5.15E-03	8.24E-02	1.12E-03	2.14E-06	6.70E-06	8.50E-06
468	12.88	2.45E-02	1.27E+01	3.85E-03	8.63E-03	1.05E-01	1.15E-03	2.22E-06	6.89E-06	8.65E-06
469	10.73	2.17E-02	1.06E+01	4.06E-03	6.91E-03	7.06E-02	1.25E-03	2.31E-06	7.08E-06	8.81E-06
470	9.18	1.95E-02	9.10E+00	4.29E-03	6.08E-03	5.01E-02	1.42E-03	2.40E-06	7.28E-06	8.96E-06
471	8.00	1.77E-02	7.94E+00	4.49E-03	5.55E-03	3.67E-02	1.55E-03	2.49E-06	7.49E-06	9.10E-06
472	7.03	1.61E-02	6.97E+00	4.56E-03	5.08E-03	2.76E-02	1.54E-03	2.60E-06	7.72E-06	9.25E-06
473	6.24	1.47E-02	6.19E+00	4.56E-03	4.70E-03	2.13E-02	1.46E-03	2.71E-06	7.95E-06	9.41E-06
474	5.60	1.35E-02	5.56E+00	4.51E-03	4.38E-03	1.69E-02	1.41E-03	2.83E-06	8.20E-06	9.56E-06
475	5.06	1.25E-02	5.02E+00	4.43E-03	4.10E-03	1.37E-02	1.43E-03	2.96E-06	8.47E-06	9.72E-06
476	14.86	2.62E-02	1.48E+01	5.14E-03	5.70E-03	7.41E-02	9.97E-04	2.11E-06	6.65E-06	8.60E-06
477	12.28	2.31E-02	1.21E+01	5.75E-03	5.29E-03	1.27E-01	1.04E-03	2.19E-06	6.83E-06	8.76E-06
478	10.33	2.05E-02	1.02E+01	6.26E-03	4.85E-03	9.78E-02	1.15E-03	2.27E-06	7.02E-06	8.92E-06
479	8.89	1.85E-02	8.79E+00	6.61E-03	4.54E-03	6.32E-02	1.30E-03	2.36E-06	7.22E-06	9.08E-06
480	7.78	1.69E-02	7.71E+00	6.71E-03	4.29E-03	4.38E-02	1.39E-03	2.45E-06	7.43E-06	9.23E-06
481	6.86	1.54E-02	6.80E+00	6.58E-03	4.02E-03	3.19E-02	1.36E-03	2.55E-06	7.65E-06	9.39E-06
482	6.10	1.41E-02	6.05E+00	6.38E-03	3.78E-03	2.42E-02	1.28E-03	2.66E-06	7.88E-06	9.56E-06
483	5.49	1.30E-02	5.44E+00	6.15E-03	3.58E-03	1.89E-02	1.25E-03	2.78E-06	8.12E-06	9.72E-06
484	4.97	1.20E-02	4.93E+00	5.90E-03	3.39E-03	1.52E-02	1.26E-03	2.90E-06	8.38E-06	9.89E-06
485	4.53	1.12E-02	4.50E+00	5.66E-03	3.20E-03	1.25E-02	1.30E-03	3.03E-06	8.66E-06	1.01E-05
486	4.16	1.05E-02	4.13E+00	5.42E-03	3.03E-03	1.05E-02	1.32E-03	3.17E-06	8.94E-06	1.02E-05
487	13.14	2.43E-02	1.30E+01	6.65E-03	3.59E-03	1.37E-01	8.95E-04	2.08E-06	6.60E-06	8.69E-06
488	11.14	2.15E-02	1.09E+01	9.31E-03	3.61E-03	1.82E-01	9.48E-04	2.16E-06	6.78E-06	8.86E-06
489	9.50	1.93E-02	9.36E+00	1.32E-02	3.54E-03	1.04E-01	1.06E-03	2.24E-06	6.97E-06	9.02E-06
490	8.26	1.74E-02	8.16E+00	1.23E-02	3.45E-03	6.67E-02	1.19E-03	2.32E-06	7.16E-06	9.19E-06
491	7.28	1.59E-02	7.21E+00	1.13E-02	3.33E-03	4.62E-02	1.24E-03	2.41E-06	7.37E-06	9.36E-06
492	6.50	1.46E-02	6.43E+00	1.05E-02	3.20E-03	3.38E-02	1.21E-03	2.51E-06	7.58E-06	9.53E-06

Berkley WTPF

Unmitigated - - Risk Summary

		Cancer Risk								
Receptor #	Total Per/Million	Dredging	Peir	University	Seawall	Plaza	Boatlaunch	Haul 1	Haul 2	Haul 3
493	5.83	1.34E-02	5.78E+00	9.65E-03	3.07E-03	2.56E-02	1.14E-03	2.61E-06	7.81E-06	9.70E-06
494	5.26	1.24E-02	5.22E+00	8.94E-03	2.95E-03	2.01E-02	1.11E-03	2.72E-06	8.05E-06	9.88E-06
495	4.79	1.16E-02	4.75E+00	8.33E-03	2.82E-03	1.61E-02	1.12E-03	2.85E-06	8.30E-06	1.01E-05
496	4.38	1.08E-02	4.34E+00	7.79E-03	2.69E-03	1.32E-02	1.15E-03	2.98E-06	8.57E-06	1.02E-05
497	4.03	1.01E-02	3.99E+00	7.31E-03	2.56E-03	1.10E-02	1.17E-03	3.12E-06	8.85E-06	1.04E-05
498	3.72	9.50E-03	3.69E+00	6.87E-03	2.44E-03	9.34E-03	1.17E-03	3.27E-06	9.15E-06	1.06E-05
499	3.45	8.98E-03	3.43E+00	6.48E-03	2.33E-03	8.01E-03	1.15E-03	3.42E-06	9.46E-06	1.08E-05
500	8.48	1.80E-02	8.35E+00	1.28E-02	2.76E-03	8.70E-02	9.88E-04	2.20E-06	6.91E-06	9.12E-06
501	7.46	1.63E-02	7.37E+00	1.62E-02	2.73E-03	5.86E-02	1.09E-03	2.29E-06	7.10E-06	9.30E-06
502	6.65	1.49E-02	6.57E+00	1.77E-02	2.67E-03	4.20E-02	1.12E-03	2.37E-06	7.30E-06	9.48E-06
503	6.00	1.38E-02	5.93E+00	2.00E-02	2.60E-03	3.16E-02	1.08E-03	2.47E-06	7.52E-06	9.66E-06
504	5.43	1.28E-02	5.38E+00	1.69E-02	2.53E-03	2.45E-02	1.02E-03	2.57E-06	7.74E-06	9.84E-06
505	4.95	1.18E-02	4.90E+00	1.47E-02	2.46E-03	1.94E-02	9.90E-04	2.67E-06	7.97E-06	1.00E-05
506	4.53	1.10E-02	4.48E+00	1.30E-02	2.38E-03	1.58E-02	1.00E-03	2.79E-06	8.22E-06	1.02E-05
507	4.16	1.03E-02	4.12E+00	1.16E-02	2.29E-03	1.30E-02	1.03E-03	2.92E-06	8.48E-06	1.04E-05
508	3.84	9.69E-03	3.81E+00	1.05E-02	2.19E-03	1.09E-02	1.05E-03	3.05E-06	8.76E-06	1.06E-05
509	3.56	9.13E-03	3.53E+00	9.66E-03	2.10E-03	9.26E-03	1.05E-03	3.20E-06	9.05E-06	1.08E-05
510	3.32	8.63E-03	3.29E+00	8.91E-03	2.02E-03	7.95E-03	1.04E-03	3.36E-06	9.36E-06	1.10E-05
511	3.10	8.18E-03	3.07E+00	8.24E-03	1.93E-03	6.89E-03	1.02E-03	3.53E-06	9.69E-06	1.12E-05
512	4.95	1.20E-02	4.89E+00	1.83E-02	2.12E-03	2.08E-02	9.09E-04	2.53E-06	7.67E-06	9.98E-06
513	4.57	1.12E-02	4.51E+00	2.73E-02	2.09E-03	1.71E-02	8.92E-04	2.63E-06	7.90E-06	1.02E-05
514	4.21	1.05E-02	4.16E+00	2.47E-02	2.03E-03	1.42E-02	9.03E-04	2.74E-06	8.14E-06	1.04E-05
515	3.90	9.84E-03	3.85E+00	2.03E-02	1.96E-03	1.19E-02	9.30E-04	2.86E-06	8.40E-06	1.06E-05
516	3.62	9.26E-03	3.58E+00	1.72E-02	1.89E-03	1.01E-02	9.52E-04	2.99E-06	8.67E-06	1.08E-05
517	3.37	8.74E-03	3.34E+00	1.50E-02	1.82E-03	8.69E-03	9.56E-04	3.14E-06	8.95E-06	1.10E-05
518	3.15	8.27E-03	3.12E+00	1.33E-02	1.76E-03	7.52E-03	9.41E-04	3.29E-06	9.26E-06	1.12E-05
519	2.95	7.85E-03	2.92E+00	1.20E-02	1.69E-03	6.57E-03	9.22E-04	3.45E-06	9.58E-06	1.14E-05
520	7.91	1.85E-02	7.83E+00	5.63E-03	1.86E-03	5.21E-02	6.90E-04	2.00E-06	6.45E-06	8.91E-06
521	7.10	1.67E-02	7.03E+00	8.15E-03	1.89E-03	4.36E-02	7.67E-04	2.07E-06	6.62E-06	9.11E-06
522	6.40	1.53E-02	6.33E+00	1.15E-02	1.90E-03	3.57E-02	8.64E-04	2.14E-06	6.80E-06	9.30E-06
523	3.60	9.33E-03	3.55E+00	2.00E-02	1.71E-03	1.03E-02	8.42E-04	2.81E-06	8.31E-06	1.07E-05

Berkley WTPF

Unmitigated - - Risk Summary

		Cancer Risk								
Receptor #	Total Per/Million	Dredging	Peir	University	Seawall	Plaza	Boatlaunch	Haul 1	Haul 2	Haul 3
524	3.37	8.80E-03	3.32E+00	2.43E-02	1.65E-03	8.94E-03	8.64E-04	2.94E-06	8.58E-06	1.09E-05
525	3.16	8.32E-03	3.11E+00	2.60E-02	1.60E-03	7.80E-03	8.70E-04	3.07E-06	8.86E-06	1.12E-05
526	2.97	7.89E-03	2.93E+00	2.39E-02	1.54E-03	6.86E-03	8.60E-04	3.22E-06	9.16E-06	1.14E-05
527	2.79	7.51E-03	2.76E+00	2.00E-02	1.49E-03	6.06E-03	8.42E-04	3.38E-06	9.47E-06	1.16E-05
0	0.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Berkley WTPF

Unmitigated - - Risk Summary

		Chronic Non Cancer Risk										
Receptor #	**Receptor #**	**Max Chronic**	**Dredging**	**Peir**	**University**	**Seawall**	**Plaza**	**Boatlaunch**	**Haul 1**	**Haul 2**	**Haul 3**	
1	**1**	**0.012**	**1.6E-04**	**1.8E-02**	**1.5E-04**	**2.0E-04**	**9.8E-04**	**2.0E-05**	**7.6E-08**	**2.0E-07**	**5.7E-05**	Max HI
Max Park	**Max Park**	**0.018**	**459**	**467**	**513**	**436**	**488**	**437**	**120**	**120**	**210**	Max Rec
Total	**Total**	**0.030**					Residence					
1	**1**	1.17E-02	1.54E-04	1.13E-02	4.34E-05	1.73E-05	1.09E-04	1.10E-05	3.38E-08	1.11E-07	3.03E-05	
2	**2**	1.12E-02	1.48E-04	1.08E-02	4.83E-05	1.70E-05	1.03E-04	1.08E-05	3.50E-08	1.14E-07	3.10E-05	
3	**3**	1.07E-02	1.41E-04	1.03E-02	5.35E-05	1.69E-05	9.73E-05	1.01E-05	3.63E-08	1.17E-07	3.18E-05	
4	**4**	1.02E-02	1.35E-04	9.82E-03	5.91E-05	1.69E-05	9.29E-05	9.53E-06	3.77E-08	1.20E-07	3.26E-05	
5	**5**	9.68E-03	1.29E-04	9.33E-03	6.51E-05	1.69E-05	8.87E-05	9.15E-06	3.91E-08	1.23E-07	3.34E-05	
6	**6**	9.21E-03	1.24E-04	8.87E-03	7.17E-05	1.68E-05	8.39E-05	9.08E-06	4.07E-08	1.27E-07	3.42E-05	
7	**7**	8.77E-03	1.19E-04	8.43E-03	7.89E-05	1.67E-05	7.82E-05	9.26E-06	4.24E-08	1.31E-07	3.51E-05	
8	**8**	8.37E-03	1.14E-04	8.03E-03	8.69E-05	1.66E-05	7.21E-05	9.55E-06	4.42E-08	1.35E-07	3.59E-05	
9	**9**	1.09E-02	1.45E-04	1.06E-02	3.33E-05	1.58E-05	8.94E-05	9.95E-06	3.25E-08	1.07E-07	2.97E-05	
10	**10**	1.05E-02	1.40E-04	1.02E-02	3.67E-05	1.55E-05	8.65E-05	1.03E-05	3.35E-08	1.10E-07	3.04E-05	
11	**11**	1.01E-02	1.34E-04	9.77E-03	4.03E-05	1.53E-05	8.22E-05	9.97E-06	3.46E-08	1.13E-07	3.11E-05	
12	**12**	9.66E-03	1.29E-04	9.35E-03	4.41E-05	1.52E-05	7.78E-05	9.36E-06	3.59E-08	1.16E-07	3.19E-05	
13	**13**	9.24E-03	1.24E-04	8.94E-03	4.82E-05	1.52E-05	7.44E-05	8.81E-06	3.72E-08	1.19E-07	3.28E-05	
14	**14**	8.84E-03	1.19E-04	8.54E-03	5.24E-05	1.52E-05	7.18E-05	8.49E-06	3.86E-08	1.22E-07	3.36E-05	
15	**15**	8.46E-03	1.15E-04	8.16E-03	5.71E-05	1.52E-05	6.93E-05	8.45E-06	4.01E-08	1.26E-07	3.44E-05	
16	**16**	8.09E-03	1.11E-04	7.79E-03	6.22E-05	1.52E-05	6.62E-05	8.62E-06	4.17E-08	1.29E-07	3.53E-05	
17	**17**	7.74E-03	1.07E-04	7.45E-03	6.77E-05	1.50E-05	6.24E-05	8.89E-06	4.34E-08	1.33E-07	3.62E-05	
18	**18**	7.40E-03	1.03E-04	7.11E-03	7.38E-05	1.48E-05	5.81E-05	9.12E-06	4.53E-08	1.37E-07	3.71E-05	
19	**19**	7.08E-03	9.92E-05	6.78E-03	8.02E-05	1.45E-05	5.36E-05	9.25E-06	4.74E-08	1.42E-07	3.81E-05	
20	**20**	6.79E-03	9.57E-05	6.50E-03	8.76E-05	1.42E-05	4.94E-05	9.26E-06	4.95E-08	1.46E-07	3.91E-05	
21	**21**	9.77E-03	1.31E-04	9.48E-03	2.92E-05	1.43E-05	7.20E-05	9.43E-06	3.24E-08	1.06E-07	2.97E-05	
22	**22**	9.50E-03	1.27E-04	9.22E-03	3.18E-05	1.40E-05	7.04E-05	9.61E-06	3.33E-08	1.09E-07	3.05E-05	
23	**23**	9.16E-03	1.23E-04	8.88E-03	3.46E-05	1.38E-05	6.75E-05	9.24E-06	3.44E-08	1.12E-07	3.13E-05	
24	**24**	8.81E-03	1.18E-04	8.54E-03	3.75E-05	1.37E-05	6.41E-05	8.67E-06	3.56E-08	1.15E-07	3.21E-05	
25	**25**	8.47E-03	1.14E-04	8.19E-03	4.06E-05	1.38E-05	6.09E-05	8.17E-06	3.69E-08	1.18E-07	3.29E-05	
26	**26**	8.13E-03	1.10E-04	7.86E-03	4.38E-05	1.38E-05	5.87E-05	7.89E-06	3.82E-08	1.21E-07	3.38E-05	
27	**27**	7.80E-03	1.07E-04	7.53E-03	4.72E-05	1.39E-05	5.72E-05	7.86E-06	3.97E-08	1.25E-07	3.47E-05	
28	**28**	7.49E-03	1.03E-04	7.22E-03	5.09E-05	1.38E-05	5.57E-05	8.02E-06	4.12E-08	1.28E-07	3.56E-05	

Berkley WTPF
Unmitigated - - Risk Summary

		Chronic Non Cancer Risk									
Receptor #	**Receptor #**	**Max Chronic**	**Dredging**	**Peir**	**University**	**Seawall**	**Plaza**	**Boatlaunch**	**Haul 1**	**Haul 2**	**Haul 3**
29	**29**	7.18E-03	1.00E-04	6.91E-03	5.49E-05	1.37E-05	5.36E-05	8.26E-06	4.29E-08	1.32E-07	3.65E-05
30	**30**	6.89E-03	9.68E-05	6.62E-03	5.93E-05	1.35E-05	5.10E-05	8.49E-06	4.46E-08	1.36E-07	3.75E-05
31	**31**	6.61E-03	9.37E-05	6.35E-03	6.41E-05	1.33E-05	4.79E-05	8.65E-06	4.65E-08	1.40E-07	3.84E-05
32	**32**	6.36E-03	9.07E-05	6.09E-03	6.94E-05	1.31E-05	4.45E-05	8.70E-06	4.86E-08	1.45E-07	3.94E-05
33	**33**	6.12E-03	8.78E-05	5.85E-03	7.51E-05	1.28E-05	4.13E-05	8.60E-06	5.08E-08	1.49E-07	4.04E-05
34	**34**	5.90E-03	8.50E-05	5.63E-03	8.14E-05	1.25E-05	3.83E-05	8.41E-06	5.31E-08	1.54E-07	4.15E-05
35	**35**	5.70E-03	8.24E-05	5.43E-03	8.87E-05	1.22E-05	3.56E-05	8.24E-06	5.57E-08	1.60E-07	4.26E-05
36	**36**	5.51E-03	7.97E-05	5.23E-03	9.72E-05	1.19E-05	3.33E-05	8.13E-06	5.85E-08	1.65E-07	4.37E-05
37	**37**	8.87E-03	1.21E-04	8.61E-03	2.61E-05	1.30E-05	5.94E-05	8.96E-06	3.23E-08	1.05E-07	2.97E-05
38	**38**	8.63E-03	1.17E-04	8.37E-03	2.81E-05	1.27E-05	5.83E-05	8.99E-06	3.33E-08	1.08E-07	3.05E-05
39	**39**	8.36E-03	1.13E-04	8.11E-03	3.03E-05	1.25E-05	5.65E-05	8.59E-06	3.44E-08	1.11E-07	3.14E-05
40	**40**	8.08E-03	1.09E-04	7.83E-03	3.26E-05	1.25E-05	5.40E-05	8.05E-06	3.56E-08	1.14E-07	3.22E-05
41	**41**	7.80E-03	1.06E-04	7.56E-03	3.51E-05	1.25E-05	5.12E-05	7.60E-06	3.68E-08	1.17E-07	3.31E-05
42	**42**	7.52E-03	1.03E-04	7.28E-03	3.76E-05	1.26E-05	4.90E-05	7.35E-06	3.81E-08	1.20E-07	3.40E-05
43	**43**	7.24E-03	9.95E-05	7.00E-03	4.02E-05	1.27E-05	4.76E-05	7.33E-06	3.95E-08	1.23E-07	3.49E-05
44	**44**	6.97E-03	9.65E-05	6.73E-03	4.30E-05	1.27E-05	4.67E-05	7.48E-06	4.09E-08	1.27E-07	3.59E-05
45	**45**	6.70E-03	9.36E-05	6.46E-03	4.61E-05	1.26E-05	4.57E-05	7.70E-06	4.25E-08	1.31E-07	3.68E-05
46	**46**	6.44E-03	9.09E-05	6.20E-03	4.94E-05	1.24E-05	4.44E-05	7.92E-06	4.42E-08	1.35E-07	3.78E-05
47	**47**	6.19E-03	8.82E-05	5.95E-03	5.30E-05	1.22E-05	4.25E-05	8.08E-06	4.61E-08	1.39E-07	3.88E-05
48	**48**	5.96E-03	8.56E-05	5.71E-03	5.69E-05	1.20E-05	4.02E-05	8.14E-06	4.80E-08	1.43E-07	3.98E-05
49	**49**	5.74E-03	8.31E-05	5.49E-03	6.12E-05	1.18E-05	3.76E-05	8.08E-06	5.01E-08	1.48E-07	4.09E-05
50	**50**	5.53E-03	8.07E-05	5.29E-03	6.59E-05	1.16E-05	3.50E-05	7.92E-06	5.24E-08	1.53E-07	4.20E-05
51	**51**	5.34E-03	7.83E-05	5.10E-03	7.13E-05	1.13E-05	3.26E-05	7.74E-06	5.49E-08	1.58E-07	4.31E-05
52	**52**	5.17E-03	7.60E-05	4.92E-03	7.75E-05	1.11E-05	3.04E-05	7.62E-06	5.76E-08	1.63E-07	4.43E-05
53	**53**	5.01E-03	7.38E-05	4.75E-03	8.50E-05	1.08E-05	2.85E-05	7.59E-06	6.05E-08	1.69E-07	4.56E-05
54	**54**	4.87E-03	7.17E-05	4.61E-03	9.45E-05	1.05E-05	2.68E-05	7.62E-06	6.37E-08	1.76E-07	4.68E-05
55	**55**	4.73E-03	6.97E-05	4.47E-03	1.07E-04	1.03E-05	2.54E-05	7.64E-06	6.72E-08	1.82E-07	4.81E-05
56	**56**	8.25E-03	1.14E-04	8.02E-03	2.20E-05	1.22E-05	4.95E-05	8.04E-06	3.17E-08	1.02E-07	2.89E-05
57	**57**	8.08E-03	1.11E-04	7.85E-03	2.36E-05	1.19E-05	4.97E-05	8.49E-06	3.25E-08	1.05E-07	2.97E-05
58	**58**	7.88E-03	1.08E-04	7.64E-03	2.53E-05	1.16E-05	4.90E-05	8.41E-06	3.35E-08	1.07E-07	3.06E-05
59	**59**	7.66E-03	1.05E-04	7.43E-03	2.70E-05	1.14E-05	4.79E-05	8.00E-06	3.46E-08	1.10E-07	3.14E-05

Berkley WTPF

Unmitigated - - Risk Summary

		Chronic Non Cancer Risk									
Receptor #	**Receptor #**	**Max Chronic**	**Dredging**	**Peir**	**University**	**Seawall**	**Plaza**	**Boatlaunch**	**Haul 1**	**Haul 2**	**Haul 3**
60	**60**	7.44E-03	1.02E-04	7.22E-03	2.89E-05	1.14E-05	4.62E-05	7.50E-06	3.57E-08	1.13E-07	3.23E-05
61	**61**	7.22E-03	9.87E-05	6.99E-03	3.09E-05	1.15E-05	4.40E-05	7.09E-06	3.69E-08	1.16E-07	3.32E-05
62	**62**	6.99E-03	9.58E-05	6.76E-03	3.30E-05	1.16E-05	4.18E-05	6.87E-06	3.81E-08	1.19E-07	3.42E-05
63	**63**	6.75E-03	9.31E-05	6.53E-03	3.51E-05	1.16E-05	4.02E-05	6.85E-06	3.95E-08	1.22E-07	3.51E-05
64	**64**	6.52E-03	9.04E-05	6.30E-03	3.73E-05	1.16E-05	3.94E-05	6.99E-06	4.09E-08	1.26E-07	3.61E-05
65	**65**	6.29E-03	8.79E-05	6.06E-03	3.97E-05	1.16E-05	3.88E-05	7.20E-06	4.24E-08	1.29E-07	3.71E-05
66	**66**	6.06E-03	8.55E-05	5.83E-03	4.23E-05	1.15E-05	3.83E-05	7.41E-06	4.41E-08	1.33E-07	3.81E-05
67	**67**	5.83E-03	8.32E-05	5.61E-03	4.51E-05	1.13E-05	3.73E-05	7.56E-06	4.58E-08	1.37E-07	3.92E-05
68	**68**	5.62E-03	8.09E-05	5.39E-03	4.82E-05	1.11E-05	3.60E-05	7.64E-06	4.77E-08	1.42E-07	4.02E-05
69	**69**	5.41E-03	7.87E-05	5.19E-03	5.15E-05	1.09E-05	3.42E-05	7.60E-06	4.97E-08	1.46E-07	4.14E-05
70	**70**	5.22E-03	7.66E-05	4.99E-03	5.52E-05	1.07E-05	3.23E-05	7.47E-06	5.19E-08	1.51E-07	4.25E-05
71	**71**	5.04E-03	7.45E-05	4.81E-03	5.94E-05	1.05E-05	3.02E-05	7.29E-06	5.43E-08	1.56E-07	4.37E-05
72	**72**	4.88E-03	7.25E-05	4.65E-03	6.42E-05	1.03E-05	2.82E-05	7.17E-06	5.69E-08	1.62E-07	4.49E-05
73	**73**	4.72E-03	7.06E-05	4.49E-03	7.00E-05	1.01E-05	2.63E-05	7.12E-06	5.96E-08	1.67E-07	4.61E-05
74	**74**	4.59E-03	6.87E-05	4.35E-03	7.72E-05	9.82E-06	2.47E-05	7.14E-06	6.27E-08	1.73E-07	4.74E-05
75	**75**	4.46E-03	6.68E-05	4.22E-03	8.68E-05	9.58E-06	2.33E-05	7.17E-06	6.60E-08	1.80E-07	4.88E-05
76	**76**	7.53E-03	1.06E-04	7.31E-03	2.02E-05	1.12E-05	4.19E-05	7.71E-06	3.20E-08	1.01E-07	2.89E-05
77	**77**	7.39E-03	1.03E-04	7.17E-03	2.15E-05	1.09E-05	4.22E-05	8.03E-06	3.29E-08	1.04E-07	2.97E-05
78	**78**	7.22E-03	1.01E-04	7.01E-03	2.29E-05	1.07E-05	4.18E-05	7.88E-06	3.39E-08	1.06E-07	3.06E-05
79	**79**	7.05E-03	9.79E-05	6.84E-03	2.44E-05	1.05E-05	4.10E-05	7.46E-06	3.49E-08	1.09E-07	3.15E-05
80	**80**	6.88E-03	9.52E-05	6.66E-03	2.60E-05	1.05E-05	3.99E-05	7.00E-06	3.60E-08	1.12E-07	3.24E-05
81	**81**	6.69E-03	9.25E-05	6.48E-03	2.76E-05	1.05E-05	3.83E-05	6.64E-06	3.72E-08	1.15E-07	3.33E-05
82	**82**	6.51E-03	9.00E-05	6.30E-03	2.93E-05	1.07E-05	3.64E-05	6.44E-06	3.84E-08	1.18E-07	3.43E-05
83	**83**	6.31E-03	8.75E-05	6.11E-03	3.11E-05	1.07E-05	3.48E-05	6.42E-06	3.97E-08	1.21E-07	3.53E-05
84	**84**	6.12E-03	8.52E-05	5.91E-03	3.30E-05	1.08E-05	3.37E-05	6.55E-06	4.11E-08	1.25E-07	3.63E-05
85	**85**	5.92E-03	8.29E-05	5.71E-03	3.49E-05	1.07E-05	3.32E-05	6.75E-06	4.26E-08	1.28E-07	3.73E-05
86	**86**	5.72E-03	8.08E-05	5.51E-03	3.70E-05	1.06E-05	3.29E-05	6.94E-06	4.42E-08	1.32E-07	3.84E-05
87	**87**	5.52E-03	7.87E-05	5.31E-03	3.92E-05	1.05E-05	3.25E-05	7.09E-06	4.59E-08	1.36E-07	3.95E-05
88	**88**	5.32E-03	7.67E-05	5.12E-03	4.17E-05	1.03E-05	3.19E-05	7.18E-06	4.77E-08	1.40E-07	4.06E-05
89	**89**	5.14E-03	7.48E-05	4.93E-03	4.44E-05	1.01E-05	3.09E-05	7.17E-06	4.97E-08	1.45E-07	4.18E-05
90	**90**	4.96E-03	7.29E-05	4.75E-03	4.75E-05	9.97E-06	2.96E-05	7.06E-06	5.18E-08	1.49E-07	4.30E-05

Berkley WTPF
Unmitigated - - Risk Summary

		Chronic Non Cancer Risk									
Receptor #	**Receptor #**	**Max Chronic**	**Dredging**	**Peir**	**University**	**Seawall**	**Plaza**	**Boatlaunch**	**Haul 1**	**Haul 2**	**Haul 3**
91	**91**	4.78E-03	7.10E-05	4.57E-03	5.09E-05	9.79E-06	2.80E-05	6.90E-06	5.40E-08	1.54E-07	4.42E-05
92	**92**	4.63E-03	6.92E-05	4.41E-03	5.48E-05	9.61E-06	2.63E-05	6.76E-06	5.65E-08	1.60E-07	4.55E-05
93	**93**	4.48E-03	6.75E-05	4.27E-03	5.95E-05	9.40E-06	2.47E-05	6.69E-06	5.92E-08	1.65E-07	4.68E-05
94	**94**	4.35E-03	6.58E-05	4.13E-03	6.53E-05	9.19E-06	2.31E-05	6.70E-06	6.21E-08	1.71E-07	4.81E-05
95	**95**	4.23E-03	6.41E-05	4.00E-03	7.27E-05	8.97E-06	2.17E-05	6.73E-06	6.53E-08	1.78E-07	4.95E-05
96	**96**	4.12E-03	6.26E-05	3.89E-03	8.27E-05	8.75E-06	2.04E-05	6.75E-06	6.87E-08	1.85E-07	5.10E-05
97	**97**	4.02E-03	6.10E-05	3.78E-03	9.71E-05	8.56E-06	1.94E-05	6.72E-06	7.25E-08	1.92E-07	5.25E-05
98	**98**	6.91E-03	9.81E-05	6.71E-03	1.86E-05	1.04E-05	3.59E-05	7.38E-06	3.25E-08	1.00E-07	2.89E-05
99	**99**	6.79E-03	9.62E-05	6.59E-03	1.98E-05	1.01E-05	3.63E-05	7.59E-06	3.34E-08	1.03E-07	2.97E-05
100	**100**	6.65E-03	9.39E-05	6.45E-03	2.10E-05	9.81E-06	3.61E-05	7.39E-06	3.43E-08	1.05E-07	3.06E-05
101	**101**	6.51E-03	9.17E-05	6.31E-03	2.22E-05	9.66E-06	3.55E-05	6.98E-06	3.54E-08	1.08E-07	3.15E-05
102	**102**	6.37E-03	8.94E-05	6.17E-03	2.35E-05	9.64E-06	3.48E-05	6.55E-06	3.65E-08	1.11E-07	3.25E-05
103	**103**	6.22E-03	8.71E-05	6.03E-03	2.49E-05	9.72E-06	3.37E-05	6.22E-06	3.76E-08	1.14E-07	3.34E-05
104	**104**	6.07E-03	8.48E-05	5.88E-03	2.64E-05	9.84E-06	3.22E-05	6.05E-06	3.88E-08	1.17E-07	3.44E-05
105	**105**	5.91E-03	8.26E-05	5.72E-03	2.79E-05	9.93E-06	3.06E-05	6.04E-06	4.01E-08	1.20E-07	3.55E-05
106	**106**	5.75E-03	8.05E-05	5.56E-03	2.95E-05	9.97E-06	2.94E-05	6.16E-06	4.15E-08	1.23E-07	3.65E-05
107	**107**	5.58E-03	7.85E-05	5.39E-03	3.11E-05	9.93E-06	2.86E-05	6.34E-06	4.29E-08	1.27E-07	3.76E-05
108	**108**	5.41E-03	7.66E-05	5.22E-03	3.28E-05	9.85E-06	2.83E-05	6.52E-06	4.45E-08	1.31E-07	3.87E-05
109	**109**	5.24E-03	7.47E-05	5.04E-03	3.47E-05	9.73E-06	2.82E-05	6.67E-06	4.62E-08	1.35E-07	3.98E-05
110	**110**	5.06E-03	7.29E-05	4.87E-03	3.67E-05	9.59E-06	2.80E-05	6.76E-06	4.80E-08	1.39E-07	4.10E-05
111	**111**	4.89E-03	7.12E-05	4.70E-03	3.90E-05	9.44E-06	2.75E-05	6.77E-06	4.99E-08	1.43E-07	4.22E-05
112	**112**	4.73E-03	6.95E-05	4.53E-03	4.16E-05	9.29E-06	2.68E-05	6.69E-06	5.19E-08	1.48E-07	4.34E-05
113	**113**	4.57E-03	6.78E-05	4.37E-03	4.45E-05	9.14E-06	2.58E-05	6.54E-06	5.41E-08	1.53E-07	4.47E-05
114	**114**	4.41E-03	6.62E-05	4.21E-03	4.78E-05	8.98E-06	2.46E-05	6.39E-06	5.65E-08	1.58E-07	4.60E-05
115	**115**	4.27E-03	6.46E-05	4.07E-03	5.17E-05	8.81E-06	2.32E-05	6.31E-06	5.91E-08	1.64E-07	4.74E-05
116	**116**	4.14E-03	6.30E-05	3.94E-03	5.64E-05	8.62E-06	2.18E-05	6.30E-06	6.19E-08	1.70E-07	4.88E-05
117	**117**	4.02E-03	6.15E-05	3.81E-03	6.23E-05	8.42E-06	2.05E-05	6.33E-06	6.50E-08	1.76E-07	5.02E-05
118	**118**	3.92E-03	6.01E-05	3.70E-03	7.01E-05	8.22E-06	1.93E-05	6.36E-06	6.83E-08	1.83E-07	5.18E-05
119	**119**	3.82E-03	5.87E-05	3.59E-03	8.08E-05	8.03E-06	1.82E-05	6.36E-06	7.20E-08	1.90E-07	5.33E-05
120	**120**	3.73E-03	5.73E-05	3.49E-03	9.66E-05	7.86E-06	1.72E-05	6.29E-06	7.61E-08	1.98E-07	5.50E-05
121	**121**	6.44E-03	9.28E-05	6.26E-03	1.63E-05	9.82E-06	3.04E-05	6.56E-06	3.21E-08	9.71E-08	2.81E-05

Berkley WTPF
Unmitigated - - Risk Summary

		Chronic Non Cancer Risk									
Receptor #	**Receptor #**	**Max Chronic**	**Dredging**	**Peir**	**University**	**Seawall**	**Plaza**	**Boatlaunch**	**Haul 1**	**Haul 2**	**Haul 3**
122	**122**	6.37E-03	9.15E-05	6.18E-03	1.73E-05	9.61E-06	3.11E-05	7.06E-06	3.29E-08	9.93E-08	2.89E-05
123	**123**	6.27E-03	8.99E-05	6.08E-03	1.82E-05	9.32E-06	3.16E-05	7.18E-06	3.38E-08	1.02E-07	2.97E-05
124	**124**	6.15E-03	8.80E-05	5.97E-03	1.92E-05	9.06E-06	3.14E-05	6.94E-06	3.48E-08	1.04E-07	3.06E-05
125	**125**	6.03E-03	8.61E-05	5.85E-03	2.03E-05	8.93E-06	3.10E-05	6.54E-06	3.58E-08	1.07E-07	3.16E-05
126	**126**	5.91E-03	8.42E-05	5.73E-03	2.15E-05	8.92E-06	3.05E-05	6.15E-06	3.69E-08	1.10E-07	3.25E-05
127	**127**	5.80E-03	8.22E-05	5.61E-03	2.26E-05	9.00E-06	2.98E-05	5.85E-06	3.81E-08	1.13E-07	3.35E-05
128	**128**	5.67E-03	8.03E-05	5.49E-03	2.39E-05	9.12E-06	2.87E-05	5.69E-06	3.93E-08	1.16E-07	3.45E-05
129	**129**	5.55E-03	7.83E-05	5.36E-03	2.52E-05	9.22E-06	2.74E-05	5.68E-06	4.06E-08	1.19E-07	3.56E-05
130	**130**	5.41E-03	7.64E-05	5.23E-03	2.65E-05	9.27E-06	2.60E-05	5.80E-06	4.20E-08	1.22E-07	3.67E-05
131	**131**	5.27E-03	7.46E-05	5.09E-03	2.79E-05	9.25E-06	2.51E-05	5.97E-06	4.34E-08	1.26E-07	3.78E-05
132	**132**	5.13E-03	7.29E-05	4.95E-03	2.94E-05	9.18E-06	2.47E-05	6.14E-06	4.50E-08	1.29E-07	3.89E-05
133	**133**	4.98E-03	7.12E-05	4.80E-03	3.10E-05	9.07E-06	2.45E-05	6.28E-06	4.66E-08	1.33E-07	4.01E-05
134	**134**	4.83E-03	6.95E-05	4.65E-03	3.27E-05	8.95E-06	2.45E-05	6.37E-06	4.84E-08	1.37E-07	4.13E-05
135	**135**	4.68E-03	6.79E-05	4.49E-03	3.46E-05	8.82E-06	2.43E-05	6.40E-06	5.03E-08	1.42E-07	4.26E-05
136	**136**	4.53E-03	6.64E-05	4.34E-03	3.68E-05	8.69E-06	2.40E-05	6.34E-06	5.23E-08	1.46E-07	4.38E-05
137	**137**	4.38E-03	6.49E-05	4.19E-03	3.93E-05	8.56E-06	2.35E-05	6.21E-06	5.45E-08	1.51E-07	4.52E-05
138	**138**	4.23E-03	6.34E-05	4.04E-03	4.21E-05	8.42E-06	2.27E-05	6.07E-06	5.69E-08	1.56E-07	4.65E-05
139	**139**	4.10E-03	6.19E-05	3.91E-03	4.54E-05	8.27E-06	2.17E-05	5.97E-06	5.94E-08	1.62E-07	4.80E-05
140	**140**	3.97E-03	6.05E-05	3.78E-03	4.93E-05	8.11E-06	2.06E-05	5.94E-06	6.21E-08	1.68E-07	4.94E-05
141	**141**	3.85E-03	5.91E-05	3.65E-03	5.41E-05	7.92E-06	1.95E-05	5.96E-06	6.51E-08	1.74E-07	5.10E-05
142	**142**	3.74E-03	5.78E-05	3.54E-03	6.02E-05	7.74E-06	1.83E-05	5.99E-06	6.84E-08	1.81E-07	5.25E-05
143	**143**	3.65E-03	5.65E-05	3.44E-03	6.83E-05	7.56E-06	1.73E-05	6.01E-06	7.19E-08	1.88E-07	5.42E-05
144	**144**	3.55E-03	5.52E-05	3.33E-03	7.96E-05	7.38E-06	1.63E-05	5.97E-06	7.60E-08	1.96E-07	5.60E-05
145	**145**	5.96E-03	8.68E-05	5.78E-03	1.52E-05	9.16E-06	2.66E-05	6.35E-06	3.25E-08	9.61E-08	2.81E-05
146	**146**	5.89E-03	8.57E-05	5.72E-03	1.60E-05	8.93E-06	2.73E-05	6.76E-06	3.33E-08	9.83E-08	2.89E-05
147	**147**	5.81E-03	8.44E-05	5.64E-03	1.68E-05	8.64E-06	2.77E-05	6.79E-06	3.42E-08	1.01E-07	2.97E-05
148	**148**	5.71E-03	8.28E-05	5.54E-03	1.77E-05	8.40E-06	2.77E-05	6.53E-06	3.52E-08	1.03E-07	3.06E-05
149	**149**	5.61E-03	8.12E-05	5.44E-03	1.87E-05	8.28E-06	2.73E-05	6.14E-06	3.63E-08	1.06E-07	3.16E-05
150	**150**	5.51E-03	7.95E-05	5.34E-03	1.96E-05	8.28E-06	2.69E-05	5.78E-06	3.74E-08	1.08E-07	3.26E-05
151	**151**	5.41E-03	7.78E-05	5.24E-03	2.07E-05	8.36E-06	2.65E-05	5.51E-06	3.85E-08	1.11E-07	3.36E-05
152	**152**	5.31E-03	7.61E-05	5.14E-03	2.17E-05	8.48E-06	2.58E-05	5.37E-06	3.98E-08	1.14E-07	3.46E-05

Berkley WTPF
Unmitigated - - Risk Summary

		Chronic Non Cancer Risk									
Receptor #	**Receptor #**	**Max Chronic**	**Dredging**	**Peir**	**University**	**Seawall**	**Plaza**	**Boatlaunch**	**Haul 1**	**Haul 2**	**Haul 3**
153	**153**	5.21E-03	7.45E-05	5.03E-03	2.29E-05	8.58E-06	2.47E-05	5.36E-06	4.11E-08	1.17E-07	3.57E-05
154	**154**	5.10E-03	7.28E-05	4.93E-03	2.40E-05	8.64E-06	2.35E-05	5.47E-06	4.25E-08	1.21E-07	3.68E-05
155	**155**	4.98E-03	7.11E-05	4.81E-03	2.52E-05	8.64E-06	2.24E-05	5.63E-06	4.39E-08	1.24E-07	3.80E-05
156	**156**	4.87E-03	6.95E-05	4.69E-03	2.65E-05	8.58E-06	2.18E-05	5.79E-06	4.55E-08	1.28E-07	3.91E-05
157	**157**	4.74E-03	6.80E-05	4.57E-03	2.79E-05	8.49E-06	2.15E-05	5.92E-06	4.72E-08	1.32E-07	4.04E-05
158	**158**	4.61E-03	6.65E-05	4.44E-03	2.93E-05	8.37E-06	2.15E-05	6.02E-06	4.89E-08	1.36E-07	4.16E-05
159	**159**	4.48E-03	6.50E-05	4.30E-03	3.10E-05	8.26E-06	2.14E-05	6.06E-06	5.08E-08	1.40E-07	4.29E-05
160	**160**	4.34E-03	6.36E-05	4.17E-03	3.28E-05	8.14E-06	2.14E-05	6.02E-06	5.29E-08	1.45E-07	4.42E-05
161	**161**	4.21E-03	6.22E-05	4.03E-03	3.49E-05	8.03E-06	2.12E-05	5.91E-06	5.50E-08	1.50E-07	4.56E-05
162	**162**	4.07E-03	6.08E-05	3.89E-03	3.73E-05	7.92E-06	2.08E-05	5.77E-06	5.74E-08	1.55E-07	4.70E-05
163	**163**	3.94E-03	5.95E-05	3.76E-03	4.01E-05	7.79E-06	2.02E-05	5.66E-06	5.99E-08	1.60E-07	4.85E-05
164	**164**	3.82E-03	5.82E-05	3.64E-03	4.33E-05	7.64E-06	1.94E-05	5.61E-06	6.26E-08	1.66E-07	5.01E-05
165	**165**	3.71E-03	5.69E-05	3.52E-03	4.72E-05	7.48E-06	1.85E-05	5.62E-06	6.56E-08	1.72E-07	5.16E-05
166	**166**	3.60E-03	5.57E-05	3.41E-03	5.21E-05	7.31E-06	1.75E-05	5.65E-06	6.87E-08	1.79E-07	5.33E-05
167	**167**	3.50E-03	5.45E-05	3.30E-03	5.83E-05	7.14E-06	1.65E-05	5.68E-06	7.23E-08	1.86E-07	5.50E-05
168	**168**	5.53E-03	8.15E-05	5.36E-03	1.42E-05	8.56E-06	2.35E-05	6.14E-06	3.27E-08	9.50E-08	2.80E-05
169	**169**	5.47E-03	8.06E-05	5.31E-03	1.49E-05	8.32E-06	2.41E-05	6.45E-06	3.35E-08	9.72E-08	2.88E-05
170	**170**	5.41E-03	7.94E-05	5.24E-03	1.56E-05	8.03E-06	2.45E-05	6.43E-06	3.44E-08	9.94E-08	2.97E-05
171	**171**	5.32E-03	7.81E-05	5.16E-03	1.64E-05	7.81E-06	2.46E-05	6.14E-06	3.55E-08	1.02E-07	3.06E-05
172	**172**	5.23E-03	7.67E-05	5.07E-03	1.72E-05	7.71E-06	2.43E-05	5.78E-06	3.65E-08	1.05E-07	3.16E-05
173	**173**	5.15E-03	7.53E-05	4.98E-03	1.81E-05	7.71E-06	2.39E-05	5.45E-06	3.77E-08	1.07E-07	3.26E-05
174	**174**	5.06E-03	7.38E-05	4.90E-03	1.89E-05	7.79E-06	2.36E-05	5.20E-06	3.89E-08	1.10E-07	3.36E-05
175	**175**	4.98E-03	7.24E-05	4.81E-03	1.99E-05	7.90E-06	2.32E-05	5.08E-06	4.01E-08	1.13E-07	3.47E-05
176	**176**	4.89E-03	7.09E-05	4.73E-03	2.08E-05	8.01E-06	2.24E-05	5.07E-06	4.14E-08	1.16E-07	3.58E-05
177	**177**	4.80E-03	6.94E-05	4.64E-03	2.19E-05	8.07E-06	2.14E-05	5.17E-06	4.29E-08	1.19E-07	3.69E-05
178	**178**	4.71E-03	6.80E-05	4.55E-03	2.29E-05	8.08E-06	2.03E-05	5.32E-06	4.43E-08	1.23E-07	3.81E-05
179	**179**	4.61E-03	6.65E-05	4.45E-03	2.40E-05	8.04E-06	1.95E-05	5.47E-06	4.59E-08	1.27E-07	3.93E-05
180	**180**	4.51E-03	6.51E-05	4.35E-03	2.52E-05	7.96E-06	1.91E-05	5.60E-06	4.76E-08	1.30E-07	4.06E-05
181	**181**	4.40E-03	6.37E-05	4.24E-03	2.65E-05	7.86E-06	1.90E-05	5.70E-06	4.94E-08	1.34E-07	4.19E-05
182	**182**	4.29E-03	6.24E-05	4.12E-03	2.79E-05	7.75E-06	1.90E-05	5.74E-06	5.13E-08	1.39E-07	4.32E-05
183	**183**	4.17E-03	6.11E-05	4.00E-03	2.95E-05	7.65E-06	1.90E-05	5.73E-06	5.34E-08	1.43E-07	4.46E-05

Berkley WTPF
Unmitigated - - Risk Summary

		Chronic Non Cancer Risk									
Receptor #	**Receptor #**	**Max Chronic**	**Dredging**	**Peir**	**University**	**Seawall**	**Plaza**	**Boatlaunch**	**Haul 1**	**Haul 2**	**Haul 3**
184	**184**	4.05E-03	5.98E-05	3.88E-03	3.13E-05	7.55E-06	1.90E-05	5.64E-06	5.56E-08	1.48E-07	4.61E-05
185	**185**	3.93E-03	5.85E-05	3.76E-03	3.33E-05	7.45E-06	1.88E-05	5.51E-06	5.79E-08	1.53E-07	4.75E-05
186	**186**	3.81E-03	5.73E-05	3.64E-03	3.56E-05	7.34E-06	1.85E-05	5.39E-06	6.04E-08	1.58E-07	4.91E-05
187	**187**	3.69E-03	5.61E-05	3.52E-03	3.83E-05	7.22E-06	1.81E-05	5.32E-06	6.31E-08	1.64E-07	5.07E-05
188	**188**	3.58E-03	5.49E-05	3.40E-03	4.16E-05	7.08E-06	1.74E-05	5.32E-06	6.61E-08	1.70E-07	5.23E-05
189	**189**	3.48E-03	5.37E-05	3.29E-03	4.55E-05	6.92E-06	1.66E-05	5.34E-06	6.93E-08	1.77E-07	5.41E-05
190	**190**	3.36E-03	5.24E-05	3.18E-03	5.02E-05	6.74E-06	1.58E-05	5.35E-06	7.32E-08	1.84E-07	5.61E-05
191	**191**	5.16E-03	7.70E-05	5.00E-03	1.33E-05	8.03E-06	2.09E-05	5.94E-06	3.27E-08	9.38E-08	2.79E-05
192	**192**	5.11E-03	7.61E-05	4.95E-03	1.39E-05	7.77E-06	2.14E-05	6.17E-06	3.36E-08	9.59E-08	2.88E-05
193	**193**	5.04E-03	7.50E-05	4.89E-03	1.45E-05	7.49E-06	2.19E-05	6.08E-06	3.45E-08	9.82E-08	2.96E-05
194	**194**	4.97E-03	7.38E-05	4.81E-03	1.52E-05	7.28E-06	2.20E-05	5.79E-06	3.55E-08	1.01E-07	3.06E-05
195	**195**	4.89E-03	7.26E-05	4.74E-03	1.59E-05	7.19E-06	2.17E-05	5.44E-06	3.66E-08	1.03E-07	3.15E-05
196	**196**	4.82E-03	7.14E-05	4.66E-03	1.66E-05	7.20E-06	2.14E-05	5.14E-06	3.78E-08	1.06E-07	3.26E-05
197	**197**	4.75E-03	7.02E-05	4.59E-03	1.74E-05	7.28E-06	2.11E-05	4.92E-06	3.90E-08	1.09E-07	3.36E-05
198	**198**	4.67E-03	6.89E-05	4.52E-03	1.82E-05	7.39E-06	2.09E-05	4.81E-06	4.03E-08	1.12E-07	3.47E-05
199	**199**	4.60E-03	6.76E-05	4.45E-03	1.91E-05	7.50E-06	2.04E-05	4.80E-06	4.16E-08	1.15E-07	3.58E-05
200	**200**	4.53E-03	6.63E-05	4.37E-03	2.00E-05	7.56E-06	1.96E-05	4.90E-06	4.30E-08	1.18E-07	3.70E-05
201	**201**	4.20E-03	6.12E-05	4.04E-03	2.41E-05	7.40E-06	1.69E-05	5.40E-06	4.97E-08	1.33E-07	4.22E-05
202	**202**	4.11E-03	6.00E-05	3.95E-03	2.53E-05	7.30E-06	1.69E-05	5.45E-06	5.16E-08	1.37E-07	4.35E-05
203	**203**	4.01E-03	5.88E-05	3.85E-03	2.67E-05	7.21E-06	1.69E-05	5.45E-06	5.37E-08	1.41E-07	4.50E-05
204	**204**	3.90E-03	5.76E-05	3.74E-03	2.82E-05	7.12E-06	1.69E-05	5.38E-06	5.59E-08	1.46E-07	4.65E-05
205	**205**	3.79E-03	5.64E-05	3.63E-03	2.99E-05	7.03E-06	1.69E-05	5.26E-06	5.82E-08	1.51E-07	4.80E-05
206	**206**	3.68E-03	5.53E-05	3.52E-03	3.19E-05	6.94E-06	1.68E-05	5.14E-06	6.08E-08	1.57E-07	4.96E-05
207	**207**	3.58E-03	5.42E-05	3.41E-03	3.42E-05	6.83E-06	1.66E-05	5.06E-06	6.35E-08	1.62E-07	5.13E-05
208	**208**	3.47E-03	5.31E-05	3.30E-03	3.68E-05	6.71E-06	1.63E-05	5.04E-06	6.65E-08	1.68E-07	5.30E-05
209	**209**	3.37E-03	5.20E-05	3.20E-03	3.99E-05	6.57E-06	1.57E-05	5.06E-06	6.97E-08	1.75E-07	5.48E-05
210	**210**	3.25E-03	5.06E-05	3.08E-03	4.35E-05	6.39E-06	1.50E-05	5.06E-06	7.38E-08	1.82E-07	5.70E-05
211	**211**	4.84E-03	7.31E-05	4.69E-03	1.24E-05	7.54E-06	1.87E-05	5.75E-06	3.25E-08	9.24E-08	2.78E-05
212	**212**	4.78E-03	7.21E-05	4.63E-03	1.30E-05	7.27E-06	1.91E-05	5.89E-06	3.34E-08	9.47E-08	2.87E-05
213	**213**	4.72E-03	7.10E-05	4.57E-03	1.35E-05	7.00E-06	1.96E-05	5.76E-06	3.44E-08	9.70E-08	2.96E-05
214	**214**	4.66E-03	7.00E-05	4.51E-03	1.41E-05	6.81E-06	1.98E-05	5.47E-06	3.54E-08	9.94E-08	3.05E-05

Berkley WTPF
Unmitigated - - Risk Summary

		Chronic Non Cancer Risk									
Receptor #	**Receptor #**	**Max Chronic**	**Dredging**	**Peir**	**University**	**Seawall**	**Plaza**	**Boatlaunch**	**Haul 1**	**Haul 2**	**Haul 3**
215	**215**	4.59E-03	6.89E-05	4.44E-03	1.48E-05	6.73E-06	1.96E-05	5.14E-06	3.65E-08	1.02E-07	3.15E-05
216	**216**	4.52E-03	6.79E-05	4.38E-03	1.54E-05	6.74E-06	1.93E-05	4.86E-06	3.77E-08	1.05E-07	3.25E-05
217	**217**	4.46E-03	6.68E-05	4.31E-03	1.61E-05	6.82E-06	1.90E-05	4.66E-06	3.89E-08	1.07E-07	3.36E-05
218	**218**	4.40E-03	6.57E-05	4.25E-03	1.68E-05	6.93E-06	1.89E-05	4.56E-06	4.02E-08	1.10E-07	3.47E-05
219	**219**	4.34E-03	6.46E-05	4.19E-03	1.76E-05	7.03E-06	1.86E-05	4.56E-06	4.15E-08	1.13E-07	3.59E-05
220	**220**	3.85E-03	5.67E-05	3.69E-03	2.43E-05	6.80E-06	1.51E-05	5.19E-06	5.36E-08	1.40E-07	4.53E-05
221	**221**	3.76E-03	5.56E-05	3.60E-03	2.56E-05	6.72E-06	1.51E-05	5.14E-06	5.58E-08	1.44E-07	4.68E-05
222	**222**	3.66E-03	5.45E-05	3.51E-03	2.71E-05	6.65E-06	1.52E-05	5.04E-06	5.82E-08	1.49E-07	4.84E-05
223	**223**	3.57E-03	5.34E-05	3.41E-03	2.87E-05	6.57E-06	1.52E-05	4.92E-06	6.08E-08	1.55E-07	5.01E-05
224	**224**	3.47E-03	5.24E-05	3.31E-03	3.06E-05	6.48E-06	1.52E-05	4.83E-06	6.35E-08	1.60E-07	5.18E-05
225	**225**	3.37E-03	5.14E-05	3.21E-03	3.28E-05	6.37E-06	1.50E-05	4.79E-06	6.65E-08	1.66E-07	5.36E-05
226	**226**	3.27E-03	5.03E-05	3.11E-03	3.53E-05	6.25E-06	1.47E-05	4.80E-06	6.97E-08	1.72E-07	5.55E-05
227	**227**	4.57E-03	7.01E-05	4.43E-03	1.12E-05	7.28E-06	1.69E-05	5.20E-06	3.13E-08	8.91E-08	2.69E-05
228	**228**	4.53E-03	6.93E-05	4.39E-03	1.17E-05	7.08E-06	1.68E-05	5.54E-06	3.22E-08	9.12E-08	2.77E-05
229	**229**	4.48E-03	6.84E-05	4.34E-03	1.22E-05	6.81E-06	1.72E-05	5.62E-06	3.31E-08	9.34E-08	2.86E-05
230	**230**	4.43E-03	6.75E-05	4.29E-03	1.27E-05	6.56E-06	1.77E-05	5.46E-06	3.41E-08	9.57E-08	2.95E-05
231	**231**	4.37E-03	6.65E-05	4.23E-03	1.32E-05	6.38E-06	1.79E-05	5.17E-06	3.51E-08	9.81E-08	3.04E-05
232	**232**	4.32E-03	6.56E-05	4.18E-03	1.37E-05	6.31E-06	1.78E-05	4.86E-06	3.62E-08	1.01E-07	3.14E-05
233	**233**	4.26E-03	6.47E-05	4.12E-03	1.43E-05	6.33E-06	1.75E-05	4.61E-06	3.73E-08	1.03E-07	3.25E-05
234	**234**	4.20E-03	6.37E-05	4.06E-03	1.49E-05	6.41E-06	1.72E-05	4.43E-06	3.85E-08	1.06E-07	3.36E-05
235	**235**	4.15E-03	6.28E-05	4.01E-03	1.56E-05	6.51E-06	1.71E-05	4.33E-06	3.98E-08	1.09E-07	3.47E-05
236	**236**	4.09E-03	6.18E-05	3.95E-03	1.62E-05	6.61E-06	1.69E-05	4.33E-06	4.12E-08	1.12E-07	3.59E-05
237	**237**	3.76E-03	5.57E-05	3.61E-03	2.12E-05	6.52E-06	1.37E-05	4.93E-06	5.11E-08	1.34E-07	4.40E-05
238	**238**	3.69E-03	5.47E-05	3.54E-03	2.22E-05	6.43E-06	1.36E-05	4.95E-06	5.32E-08	1.38E-07	4.56E-05
239	**239**	3.61E-03	5.37E-05	3.46E-03	2.33E-05	6.36E-06	1.36E-05	4.91E-06	5.54E-08	1.43E-07	4.72E-05
240	**240**	3.53E-03	5.27E-05	3.38E-03	2.46E-05	6.29E-06	1.37E-05	4.83E-06	5.78E-08	1.47E-07	4.88E-05
241	**241**	3.45E-03	5.18E-05	3.30E-03	2.60E-05	6.22E-06	1.37E-05	4.71E-06	6.03E-08	1.53E-07	5.06E-05
242	**242**	3.36E-03	5.08E-05	3.21E-03	2.76E-05	6.15E-06	1.38E-05	4.62E-06	6.31E-08	1.58E-07	5.23E-05
243	**243**	3.27E-03	4.98E-05	3.11E-03	2.94E-05	6.06E-06	1.37E-05	4.56E-06	6.61E-08	1.64E-07	5.43E-05
244	**244**	3.18E-03	4.87E-05	3.02E-03	3.14E-05	5.94E-06	1.36E-05	4.55E-06	6.95E-08	1.71E-07	5.63E-05
245	**245**	4.21E-03	6.51E-05	4.08E-03	1.14E-05	6.40E-06	1.56E-05	5.36E-06	3.26E-08	9.21E-08	2.84E-05

Berkley WTPF
Unmitigated - - Risk Summary

		Chronic Non Cancer Risk									
Receptor #	**Receptor #**	**Max Chronic**	**Dredging**	**Peir**	**University**	**Seawall**	**Plaza**	**Boatlaunch**	**Haul 1**	**Haul 2**	**Haul 3**
246	**246**	4.16E-03	6.43E-05	4.03E-03	1.19E-05	6.16E-06	1.60E-05	5.18E-06	3.36E-08	9.44E-08	2.94E-05
247	**247**	4.12E-03	6.34E-05	3.98E-03	1.24E-05	6.00E-06	1.63E-05	4.89E-06	3.46E-08	9.67E-08	3.03E-05
248	**248**	4.07E-03	6.26E-05	3.93E-03	1.29E-05	5.94E-06	1.62E-05	4.61E-06	3.57E-08	9.92E-08	3.13E-05
249	**249**	4.02E-03	6.17E-05	3.88E-03	1.34E-05	5.96E-06	1.60E-05	4.38E-06	3.68E-08	1.02E-07	3.24E-05
250	**250**	3.97E-03	6.09E-05	3.83E-03	1.39E-05	6.03E-06	1.57E-05	4.21E-06	3.80E-08	1.04E-07	3.35E-05
251	**251**	3.92E-03	6.00E-05	3.78E-03	1.45E-05	6.13E-06	1.55E-05	4.12E-06	3.93E-08	1.07E-07	3.46E-05
252	**252**	3.87E-03	5.92E-05	3.73E-03	1.51E-05	6.23E-06	1.55E-05	4.13E-06	4.06E-08	1.10E-07	3.58E-05
253	**253**	3.59E-03	5.38E-05	3.45E-03	1.95E-05	6.17E-06	1.25E-05	4.70E-06	5.04E-08	1.32E-07	4.42E-05
254	**254**	3.54E-03	5.29E-05	3.39E-03	2.04E-05	6.10E-06	1.24E-05	4.72E-06	5.24E-08	1.36E-07	4.58E-05
255	**255**	3.47E-03	5.20E-05	3.33E-03	2.14E-05	6.02E-06	1.23E-05	4.70E-06	5.46E-08	1.41E-07	4.74E-05
256	**256**	3.41E-03	5.11E-05	3.26E-03	2.25E-05	5.96E-06	1.23E-05	4.63E-06	5.70E-08	1.46E-07	4.92E-05
257	**257**	3.34E-03	5.02E-05	3.19E-03	2.37E-05	5.91E-06	1.24E-05	4.52E-06	5.95E-08	1.51E-07	5.09E-05
258	**258**	3.26E-03	4.93E-05	3.11E-03	2.50E-05	5.85E-06	1.25E-05	4.43E-06	6.21E-08	1.56E-07	5.28E-05
259	**259**	3.18E-03	4.83E-05	3.02E-03	2.65E-05	5.77E-06	1.25E-05	4.36E-06	6.52E-08	1.62E-07	5.49E-05
260	**260**	3.75E-03	5.83E-05	3.62E-03	1.30E-05	5.69E-06	1.44E-05	4.01E-06	3.73E-08	1.03E-07	3.34E-05
261	**261**	3.71E-03	5.75E-05	3.58E-03	1.35E-05	5.79E-06	1.42E-05	3.93E-06	3.85E-08	1.06E-07	3.45E-05
262	**262**	3.47E-03	5.28E-05	3.34E-03	1.73E-05	5.93E-06	1.21E-05	4.42E-06	4.76E-08	1.26E-07	4.27E-05
263	**263**	3.43E-03	5.20E-05	3.29E-03	1.81E-05	5.86E-06	1.16E-05	4.48E-06	4.94E-08	1.30E-07	4.43E-05
264	**264**	3.39E-03	5.12E-05	3.25E-03	1.89E-05	5.79E-06	1.13E-05	4.51E-06	5.14E-08	1.34E-07	4.59E-05
265	**265**	3.34E-03	5.04E-05	3.20E-03	1.97E-05	5.72E-06	1.12E-05	4.50E-06	5.35E-08	1.39E-07	4.76E-05
266	**266**	3.28E-03	4.95E-05	3.14E-03	2.07E-05	5.66E-06	1.12E-05	4.44E-06	5.58E-08	1.43E-07	4.94E-05
267	**267**	3.22E-03	4.87E-05	3.08E-03	2.17E-05	5.61E-06	1.13E-05	4.35E-06	5.82E-08	1.48E-07	5.13E-05
268	**268**	3.16E-03	4.79E-05	3.01E-03	2.28E-05	5.56E-06	1.13E-05	4.25E-06	6.09E-08	1.54E-07	5.32E-05
269	**269**	3.08E-03	4.69E-05	2.93E-03	2.40E-05	5.50E-06	1.14E-05	4.17E-06	6.39E-08	1.60E-07	5.54E-05
270	**270**	3.31E-03	5.10E-05	3.18E-03	1.61E-05	5.64E-06	1.14E-05	4.22E-06	4.65E-08	1.24E-07	4.27E-05
271	**271**	3.28E-03	5.03E-05	3.14E-03	1.68E-05	5.58E-06	1.09E-05	4.28E-06	4.83E-08	1.28E-07	4.43E-05
272	**272**	3.24E-03	4.95E-05	3.11E-03	1.75E-05	5.51E-06	1.05E-05	4.31E-06	5.02E-08	1.32E-07	4.60E-05
273	**273**	3.20E-03	4.88E-05	3.07E-03	1.82E-05	5.44E-06	1.03E-05	4.32E-06	5.22E-08	1.37E-07	4.78E-05
274	**274**	3.16E-03	4.81E-05	3.02E-03	1.90E-05	5.39E-06	1.03E-05	4.27E-06	5.44E-08	1.41E-07	4.96E-05
275	**275**	3.11E-03	4.73E-05	2.97E-03	1.99E-05	5.34E-06	1.03E-05	4.19E-06	5.68E-08	1.46E-07	5.15E-05
276	**276**	3.05E-03	4.65E-05	2.91E-03	2.08E-05	5.29E-06	1.03E-05	4.08E-06	5.95E-08	1.52E-07	5.36E-05

Berkley WTPF
Unmitigated - - Risk Summary

		Chronic Non Cancer Risk									
Receptor #	**Receptor #**	**Max Chronic**	**Dredging**	**Peir**	**University**	**Seawall**	**Plaza**	**Boatlaunch**	**Haul 1**	**Haul 2**	**Haul 3**
277	**277**	3.64E-03	5.93E-05	3.53E-03	8.09E-06	5.78E-06	1.35E-05	3.50E-06	2.69E-08	7.89E-08	2.39E-05
278	**278**	3.63E-03	5.90E-05	3.52E-03	8.40E-06	5.96E-06	1.28E-05	3.92E-06	2.75E-08	8.06E-08	2.46E-05
279	**279**	3.61E-03	5.85E-05	3.50E-03	8.73E-06	5.96E-06	1.20E-05	4.34E-06	2.83E-08	8.24E-08	2.54E-05
280	**280**	3.59E-03	5.80E-05	3.47E-03	9.04E-06	5.82E-06	1.16E-05	4.64E-06	2.90E-08	8.43E-08	2.62E-05
281	**281**	3.56E-03	5.74E-05	3.45E-03	9.36E-06	5.60E-06	1.16E-05	4.75E-06	2.99E-08	8.63E-08	2.70E-05
282	**282**	3.18E-03	4.99E-05	3.06E-03	1.44E-05	5.40E-06	1.13E-05	3.95E-06	4.36E-08	1.19E-07	4.11E-05
283	**283**	3.16E-03	4.93E-05	3.03E-03	1.50E-05	5.37E-06	1.08E-05	4.03E-06	4.53E-08	1.23E-07	4.26E-05
284	**284**	3.13E-03	4.86E-05	3.00E-03	1.56E-05	5.31E-06	1.03E-05	4.09E-06	4.70E-08	1.27E-07	4.43E-05
285	**285**	3.10E-03	4.80E-05	2.97E-03	1.63E-05	5.25E-06	9.85E-06	4.13E-06	4.89E-08	1.31E-07	4.60E-05
286	**286**	3.07E-03	4.73E-05	2.94E-03	1.69E-05	5.19E-06	9.58E-06	4.14E-06	5.08E-08	1.35E-07	4.78E-05
287	**287**	3.03E-03	4.66E-05	2.90E-03	1.76E-05	5.13E-06	9.45E-06	4.11E-06	5.29E-08	1.40E-07	4.97E-05
288	**288**	2.99E-03	4.60E-05	2.86E-03	1.83E-05	5.09E-06	9.43E-06	4.03E-06	5.52E-08	1.44E-07	5.17E-05
289	**289**	2.94E-03	4.51E-05	2.80E-03	1.91E-05	5.04E-06	9.44E-06	3.93E-06	5.80E-08	1.50E-07	5.40E-05
290	**290**	3.47E-03	5.71E-05	3.36E-03	7.46E-06	5.26E-06	1.28E-05	3.13E-06	2.56E-08	7.62E-08	2.30E-05
291	**291**	3.46E-03	5.69E-05	3.35E-03	7.74E-06	5.57E-06	1.25E-05	3.46E-06	2.62E-08	7.78E-08	2.37E-05
292	**292**	3.44E-03	5.65E-05	3.33E-03	8.03E-06	5.70E-06	1.17E-05	3.86E-06	2.69E-08	7.95E-08	2.44E-05
293	**293**	3.42E-03	5.60E-05	3.31E-03	8.33E-06	5.68E-06	1.11E-05	4.24E-06	2.76E-08	8.14E-08	2.52E-05
294	**294**	3.40E-03	5.56E-05	3.29E-03	8.62E-06	5.52E-06	1.07E-05	4.50E-06	2.84E-08	8.32E-08	2.60E-05
295	**295**	3.38E-03	5.50E-05	3.26E-03	8.90E-06	5.30E-06	1.07E-05	4.56E-06	2.92E-08	8.52E-08	2.68E-05
296	**296**	3.35E-03	5.45E-05	3.24E-03	9.19E-06	5.07E-06	1.10E-05	4.44E-06	3.00E-08	8.73E-08	2.77E-05
297	**297**	3.32E-03	5.39E-05	3.21E-03	9.49E-06	4.89E-06	1.13E-05	4.22E-06	3.09E-08	8.94E-08	2.86E-05
298	**298**	3.29E-03	5.33E-05	3.18E-03	9.81E-06	4.78E-06	1.16E-05	3.99E-06	3.18E-08	9.17E-08	2.96E-05
299	**299**	3.26E-03	5.28E-05	3.15E-03	1.01E-05	4.74E-06	1.17E-05	3.77E-06	3.27E-08	9.40E-08	3.06E-05
300	**300**	3.23E-03	5.22E-05	3.12E-03	1.05E-05	4.76E-06	1.16E-05	3.61E-06	3.37E-08	9.65E-08	3.17E-05
301	**301**	3.04E-03	4.82E-05	2.91E-03	1.35E-05	5.15E-06	1.07E-05	3.78E-06	4.25E-08	1.17E-07	4.09E-05
302	**302**	3.01E-03	4.76E-05	2.89E-03	1.41E-05	5.12E-06	1.03E-05	3.86E-06	4.41E-08	1.21E-07	4.25E-05
303	**303**	2.99E-03	4.70E-05	2.86E-03	1.46E-05	5.07E-06	9.77E-06	3.91E-06	4.58E-08	1.25E-07	4.42E-05
304	**304**	2.97E-03	4.65E-05	2.84E-03	1.52E-05	5.01E-06	9.31E-06	3.96E-06	4.75E-08	1.29E-07	4.60E-05
305	**305**	2.94E-03	4.59E-05	2.81E-03	1.57E-05	4.95E-06	8.97E-06	3.97E-06	4.94E-08	1.33E-07	4.78E-05
306	**306**	2.91E-03	4.53E-05	2.78E-03	1.63E-05	4.90E-06	8.77E-06	3.95E-06	5.15E-08	1.38E-07	4.98E-05
307	**307**	2.88E-03	4.47E-05	2.75E-03	1.70E-05	4.85E-06	8.70E-06	3.89E-06	5.36E-08	1.42E-07	5.18E-05

Berkley WTPF
Unmitigated - - Risk Summary

		Chronic Non Cancer Risk									
Receptor #	**Receptor #**	**Max Chronic**	**Dredging**	**Peir**	**University**	**Seawall**	**Plaza**	**Boatlaunch**	**Haul 1**	**Haul 2**	**Haul 3**
308	**308**	3.29E-03	5.48E-05	3.18E-03	7.16E-06	5.10E-06	1.19E-05	3.07E-06	2.51E-08	7.52E-08	2.29E-05
309	**309**	3.28E-03	5.45E-05	3.17E-03	7.42E-06	5.36E-06	1.15E-05	3.41E-06	2.57E-08	7.68E-08	2.35E-05
310	**310**	3.26E-03	5.42E-05	3.15E-03	7.69E-06	5.46E-06	1.08E-05	3.80E-06	2.63E-08	7.86E-08	2.42E-05
311	**311**	3.24E-03	5.38E-05	3.14E-03	7.96E-06	5.41E-06	1.02E-05	4.15E-06	2.70E-08	8.04E-08	2.50E-05
312	**312**	3.22E-03	5.33E-05	3.12E-03	8.22E-06	5.24E-06	9.91E-06	4.35E-06	2.78E-08	8.22E-08	2.58E-05
313	**313**	3.20E-03	5.29E-05	3.10E-03	8.49E-06	5.02E-06	9.92E-06	4.38E-06	2.85E-08	8.42E-08	2.66E-05
314	**314**	3.18E-03	5.24E-05	3.07E-03	8.75E-06	4.81E-06	1.01E-05	4.24E-06	2.93E-08	8.62E-08	2.75E-05
315	**315**	3.15E-03	5.18E-05	3.05E-03	9.03E-06	4.64E-06	1.04E-05	4.02E-06	3.02E-08	8.83E-08	2.84E-05
316	**316**	3.13E-03	5.13E-05	3.02E-03	9.32E-06	4.53E-06	1.07E-05	3.80E-06	3.11E-08	9.06E-08	2.94E-05
317	**317**	3.10E-03	5.08E-05	2.99E-03	9.63E-06	4.50E-06	1.08E-05	3.60E-06	3.20E-08	9.29E-08	3.04E-05
318	**318**	3.08E-03	5.02E-05	2.97E-03	9.96E-06	4.53E-06	1.08E-05	3.45E-06	3.30E-08	9.54E-08	3.15E-05
319	**319**	3.05E-03	4.97E-05	2.94E-03	1.03E-05	4.59E-06	1.06E-05	3.34E-06	3.40E-08	9.79E-08	3.26E-05
320	**320**	3.02E-03	4.92E-05	2.91E-03	1.07E-05	4.68E-06	1.04E-05	3.29E-06	3.51E-08	1.01E-07	3.38E-05
321	**321**	2.99E-03	4.86E-05	2.88E-03	1.10E-05	4.76E-06	1.03E-05	3.29E-06	3.62E-08	1.03E-07	3.50E-05
322	**322**	2.97E-03	4.81E-05	2.85E-03	1.14E-05	4.84E-06	1.02E-05	3.35E-06	3.74E-08	1.06E-07	3.63E-05
323	**323**	2.90E-03	4.66E-05	2.78E-03	1.27E-05	4.91E-06	1.00E-05	3.62E-06	4.14E-08	1.16E-07	4.07E-05
324	**324**	2.88E-03	4.61E-05	2.76E-03	1.32E-05	4.88E-06	9.73E-06	3.69E-06	4.29E-08	1.20E-07	4.23E-05
325	**325**	2.86E-03	4.55E-05	2.74E-03	1.37E-05	4.84E-06	9.32E-06	3.75E-06	4.46E-08	1.23E-07	4.40E-05
326	**326**	2.84E-03	4.50E-05	2.71E-03	1.42E-05	4.79E-06	8.87E-06	3.79E-06	4.63E-08	1.27E-07	4.58E-05
327	**327**	2.82E-03	4.45E-05	2.69E-03	1.47E-05	4.73E-06	8.49E-06	3.81E-06	4.81E-08	1.31E-07	4.77E-05
328	**328**	2.80E-03	4.40E-05	2.67E-03	1.52E-05	4.68E-06	8.22E-06	3.80E-06	5.00E-08	1.36E-07	4.97E-05
329	**329**	2.77E-03	4.34E-05	2.64E-03	1.57E-05	4.64E-06	8.08E-06	3.75E-06	5.21E-08	1.40E-07	5.18E-05
330	**330**	3.13E-03	5.26E-05	3.02E-03	6.88E-06	4.94E-06	1.11E-05	3.03E-06	2.46E-08	7.43E-08	2.27E-05
331	**331**	3.11E-03	5.24E-05	3.01E-03	7.12E-06	5.16E-06	1.07E-05	3.37E-06	2.51E-08	7.59E-08	2.33E-05
332	**332**	3.10E-03	5.21E-05	3.00E-03	7.37E-06	5.23E-06	1.00E-05	3.74E-06	2.58E-08	7.76E-08	2.40E-05
333	**333**	3.08E-03	5.17E-05	2.98E-03	7.62E-06	5.15E-06	9.47E-06	4.05E-06	2.65E-08	7.94E-08	2.48E-05
334	**334**	3.06E-03	5.13E-05	2.96E-03	7.86E-06	4.98E-06	9.19E-06	4.21E-06	2.72E-08	8.13E-08	2.56E-05
335	**335**	3.05E-03	5.09E-05	2.94E-03	8.10E-06	4.77E-06	9.20E-06	4.20E-06	2.79E-08	8.32E-08	2.64E-05
336	**336**	3.02E-03	5.04E-05	2.92E-03	8.35E-06	4.56E-06	9.41E-06	4.05E-06	2.87E-08	8.52E-08	2.72E-05
337	**337**	3.00E-03	4.99E-05	2.90E-03	8.60E-06	4.41E-06	9.69E-06	3.84E-06	2.95E-08	8.73E-08	2.82E-05
338	**338**	2.98E-03	4.94E-05	2.87E-03	8.87E-06	4.31E-06	9.93E-06	3.63E-06	3.04E-08	8.95E-08	2.91E-05

Berkley WTPF
Unmitigated - - Risk Summary

		Chronic Non Cancer Risk									
Receptor #	**Receptor #**	**Max Chronic**	**Dredging**	**Peir**	**University**	**Seawall**	**Plaza**	**Boatlaunch**	**Haul 1**	**Haul 2**	**Haul 3**
339	**339**	2.95E-03	4.89E-05	2.85E-03	9.16E-06	4.28E-06	1.01E-05	3.45E-06	3.13E-08	9.18E-08	3.01E-05
340	**340**	2.93E-03	4.84E-05	2.82E-03	9.46E-06	4.31E-06	1.01E-05	3.30E-06	3.22E-08	9.43E-08	3.12E-05
341	**341**	2.91E-03	4.79E-05	2.80E-03	9.78E-06	4.37E-06	9.93E-06	3.20E-06	3.32E-08	9.68E-08	3.23E-05
342	**342**	2.88E-03	4.74E-05	2.77E-03	1.01E-05	4.45E-06	9.72E-06	3.15E-06	3.42E-08	9.94E-08	3.35E-05
343	**343**	2.86E-03	4.69E-05	2.75E-03	1.05E-05	4.54E-06	9.56E-06	3.16E-06	3.53E-08	1.02E-07	3.47E-05
344	**344**	2.83E-03	4.65E-05	2.72E-03	1.08E-05	4.61E-06	9.50E-06	3.21E-06	3.65E-08	1.05E-07	3.61E-05
345	**345**	2.81E-03	4.60E-05	2.70E-03	1.12E-05	4.66E-06	9.50E-06	3.30E-06	3.77E-08	1.08E-07	3.75E-05
346	**346**	2.79E-03	4.55E-05	2.67E-03	1.16E-05	4.69E-06	9.50E-06	3.39E-06	3.90E-08	1.11E-07	3.89E-05
347	**347**	2.77E-03	4.50E-05	2.65E-03	1.20E-05	4.69E-06	9.43E-06	3.47E-06	4.04E-08	1.15E-07	4.05E-05
348	**348**	2.75E-03	4.46E-05	2.63E-03	1.24E-05	4.67E-06	9.23E-06	3.54E-06	4.19E-08	1.18E-07	4.21E-05
349	**349**	2.73E-03	4.41E-05	2.61E-03	1.28E-05	4.63E-06	8.90E-06	3.60E-06	4.34E-08	1.22E-07	4.38E-05
350	**350**	2.72E-03	4.36E-05	2.60E-03	1.32E-05	4.58E-06	8.49E-06	3.64E-06	4.51E-08	1.26E-07	4.56E-05
351	**351**	2.70E-03	4.31E-05	2.58E-03	1.37E-05	4.53E-06	8.09E-06	3.66E-06	4.69E-08	1.30E-07	4.76E-05
352	**352**	2.68E-03	4.26E-05	2.56E-03	1.42E-05	4.48E-06	7.78E-06	3.66E-06	4.88E-08	1.34E-07	4.96E-05
353	**353**	2.98E-03	5.06E-05	2.88E-03	6.62E-06	4.79E-06	1.04E-05	2.99E-06	2.41E-08	7.35E-08	2.25E-05
354	**354**	2.97E-03	5.04E-05	2.87E-03	6.84E-06	4.97E-06	9.88E-06	3.33E-06	2.46E-08	7.51E-08	2.31E-05
355	**355**	2.95E-03	5.01E-05	2.85E-03	7.07E-06	5.01E-06	9.27E-06	3.68E-06	2.53E-08	7.68E-08	2.38E-05
356	**356**	2.94E-03	4.98E-05	2.84E-03	7.30E-06	4.91E-06	8.79E-06	3.95E-06	2.59E-08	7.85E-08	2.46E-05
357	**357**	2.92E-03	4.94E-05	2.82E-03	7.53E-06	4.74E-06	8.55E-06	4.07E-06	2.66E-08	8.04E-08	2.53E-05
358	**358**	2.90E-03	4.90E-05	2.80E-03	7.75E-06	4.53E-06	8.57E-06	4.03E-06	2.73E-08	8.23E-08	2.61E-05
359	**359**	2.88E-03	4.86E-05	2.78E-03	7.98E-06	4.34E-06	8.76E-06	3.87E-06	2.81E-08	8.43E-08	2.70E-05
360	**360**	2.86E-03	4.81E-05	2.76E-03	8.21E-06	4.19E-06	9.02E-06	3.66E-06	2.89E-08	8.64E-08	2.79E-05
361	**361**	2.84E-03	4.77E-05	2.74E-03	8.46E-06	4.10E-06	9.25E-06	3.47E-06	2.97E-08	8.86E-08	2.88E-05
362	**362**	2.82E-03	4.72E-05	2.71E-03	8.72E-06	4.08E-06	9.39E-06	3.30E-06	3.06E-08	9.09E-08	2.98E-05
363	**363**	2.79E-03	4.67E-05	2.69E-03	9.00E-06	4.10E-06	9.42E-06	3.17E-06	3.15E-08	9.33E-08	3.09E-05
364	**364**	2.77E-03	4.63E-05	2.67E-03	9.30E-06	4.16E-06	9.31E-06	3.07E-06	3.25E-08	9.57E-08	3.20E-05
365	**365**	2.75E-03	4.58E-05	2.65E-03	9.60E-06	4.24E-06	9.12E-06	3.03E-06	3.35E-08	9.84E-08	3.32E-05
366	**366**	2.73E-03	4.54E-05	2.62E-03	9.92E-06	4.33E-06	8.95E-06	3.03E-06	3.45E-08	1.01E-07	3.44E-05
367	**367**	2.71E-03	4.49E-05	2.60E-03	1.02E-05	4.40E-06	8.86E-06	3.08E-06	3.57E-08	1.04E-07	3.57E-05
368	**368**	2.69E-03	4.45E-05	2.58E-03	1.06E-05	4.45E-06	8.85E-06	3.16E-06	3.69E-08	1.07E-07	3.71E-05
369	**369**	2.67E-03	4.40E-05	2.56E-03	1.09E-05	4.48E-06	8.87E-06	3.25E-06	3.81E-08	1.10E-07	3.86E-05

Berkley WTPF
Unmitigated - - Risk Summary

		Chronic Non Cancer Risk									
Receptor #	**Receptor #**	**Max Chronic**	**Dredging**	**Peir**	**University**	**Seawall**	**Plaza**	**Boatlaunch**	**Haul 1**	**Haul 2**	**Haul 3**
370	**370**	2.65E-03	4.36E-05	2.54E-03	1.13E-05	4.49E-06	8.85E-06	3.33E-06	3.95E-08	1.13E-07	4.02E-05
371	**371**	2.63E-03	4.32E-05	2.52E-03	1.16E-05	4.47E-06	8.73E-06	3.40E-06	4.09E-08	1.17E-07	4.18E-05
372	**372**	2.61E-03	4.27E-05	2.50E-03	1.20E-05	4.44E-06	8.49E-06	3.45E-06	4.24E-08	1.20E-07	4.35E-05
373	**373**	2.83E-03	4.86E-05	2.73E-03	6.58E-06	4.79E-06	9.19E-06	3.29E-06	2.42E-08	7.43E-08	2.29E-05
374	**374**	2.81E-03	4.83E-05	2.72E-03	6.80E-06	4.80E-06	8.62E-06	3.62E-06	2.48E-08	7.60E-08	2.36E-05
375	**375**	2.80E-03	4.80E-05	2.70E-03	7.01E-06	4.69E-06	8.19E-06	3.85E-06	2.54E-08	7.77E-08	2.43E-05
376	**376**	2.79E-03	4.76E-05	2.69E-03	7.22E-06	4.51E-06	7.98E-06	3.93E-06	2.61E-08	7.96E-08	2.51E-05
377	**377**	2.77E-03	4.73E-05	2.67E-03	7.42E-06	4.31E-06	7.99E-06	3.87E-06	2.68E-08	8.15E-08	2.59E-05
378	**378**	2.75E-03	4.69E-05	2.65E-03	7.63E-06	4.13E-06	8.17E-06	3.70E-06	2.75E-08	8.35E-08	2.67E-05
379	**379**	2.73E-03	4.65E-05	2.63E-03	7.85E-06	3.99E-06	8.41E-06	3.50E-06	2.83E-08	8.55E-08	2.76E-05
380	**380**	2.71E-03	4.60E-05	2.61E-03	8.08E-06	3.91E-06	8.63E-06	3.32E-06	2.91E-08	8.77E-08	2.85E-05
381	**381**	2.69E-03	4.56E-05	2.59E-03	8.32E-06	3.89E-06	8.78E-06	3.16E-06	3.00E-08	9.00E-08	2.95E-05
382	**382**	2.67E-03	4.52E-05	2.57E-03	8.58E-06	3.92E-06	8.83E-06	3.04E-06	3.08E-08	9.23E-08	3.06E-05
383	**383**	2.65E-03	4.47E-05	2.55E-03	8.85E-06	3.97E-06	8.75E-06	2.95E-06	3.18E-08	9.48E-08	3.17E-05
384	**384**	2.63E-03	4.43E-05	2.53E-03	9.13E-06	4.05E-06	8.59E-06	2.91E-06	3.28E-08	9.73E-08	3.29E-05
385	**385**	2.61E-03	4.39E-05	2.51E-03	9.42E-06	4.13E-06	8.41E-06	2.92E-06	3.38E-08	1.00E-07	3.41E-05
386	**386**	2.59E-03	4.35E-05	2.49E-03	9.72E-06	4.20E-06	8.30E-06	2.96E-06	3.49E-08	1.03E-07	3.54E-05
387	**387**	2.57E-03	4.31E-05	2.47E-03	1.00E-05	4.25E-06	8.28E-06	3.04E-06	3.60E-08	1.06E-07	3.68E-05
388	**388**	2.55E-03	4.26E-05	2.44E-03	1.03E-05	4.29E-06	8.30E-06	3.12E-06	3.73E-08	1.09E-07	3.83E-05
389	**389**	2.70E-03	4.68E-05	2.61E-03	6.34E-06	4.61E-06	8.56E-06	3.25E-06	2.38E-08	7.36E-08	2.28E-05
390	**390**	2.68E-03	4.65E-05	2.59E-03	6.54E-06	4.60E-06	8.04E-06	3.55E-06	2.44E-08	7.53E-08	2.34E-05
391	**391**	2.67E-03	4.63E-05	2.58E-03	6.74E-06	4.48E-06	7.66E-06	3.74E-06	2.50E-08	7.70E-08	2.41E-05
392	**392**	2.66E-03	4.60E-05	2.57E-03	6.93E-06	4.30E-06	7.47E-06	3.79E-06	2.56E-08	7.88E-08	2.49E-05
393	**393**	2.65E-03	4.57E-05	2.55E-03	7.12E-06	4.11E-06	7.48E-06	3.71E-06	2.63E-08	8.07E-08	2.56E-05
394	**394**	2.63E-03	4.53E-05	2.53E-03	7.31E-06	3.94E-06	7.65E-06	3.54E-06	2.70E-08	8.27E-08	2.65E-05
395	**395**	2.61E-03	4.49E-05	2.52E-03	7.51E-06	3.81E-06	7.87E-06	3.35E-06	2.78E-08	8.47E-08	2.73E-05
396	**396**	2.59E-03	4.45E-05	2.50E-03	7.73E-06	3.74E-06	8.08E-06	3.18E-06	2.85E-08	8.69E-08	2.83E-05
397	**397**	2.57E-03	4.41E-05	2.48E-03	7.95E-06	3.72E-06	8.23E-06	3.03E-06	2.94E-08	8.91E-08	2.92E-05
398	**398**	2.55E-03	4.37E-05	2.46E-03	8.19E-06	3.74E-06	8.29E-06	2.92E-06	3.02E-08	9.14E-08	3.03E-05
399	**399**	2.53E-03	4.33E-05	2.44E-03	8.44E-06	3.80E-06	8.24E-06	2.84E-06	3.11E-08	9.39E-08	3.13E-05
400	**400**	2.52E-03	4.29E-05	2.42E-03	8.70E-06	3.87E-06	8.10E-06	2.80E-06	3.21E-08	9.64E-08	3.25E-05

Berkley WTPF
Unmitigated - - Risk Summary

		Chronic Non Cancer Risk									
Receptor #	**Receptor #**	**Max Chronic**	**Dredging**	**Peir**	**University**	**Seawall**	**Plaza**	**Boatlaunch**	**Haul 1**	**Haul 2**	**Haul 3**
401	**401**	2.50E-03	4.25E-05	2.40E-03	8.96E-06	3.95E-06	7.93E-06	2.81E-06	3.31E-08	9.90E-08	3.37E-05
402	**402**	2.48E-03	4.21E-05	2.38E-03	9.23E-06	4.02E-06	7.81E-06	2.85E-06	3.42E-08	1.02E-07	3.50E-05
403	**403**	2.46E-03	4.17E-05	2.36E-03	9.50E-06	4.07E-06	7.76E-06	2.92E-06	3.53E-08	1.05E-07	3.64E-05
404	**404**	2.56E-03	4.48E-05	2.47E-03	6.29E-06	4.40E-06	7.50E-06	3.47E-06	2.40E-08	7.47E-08	2.33E-05
405	**405**	2.56E-03	4.47E-05	2.47E-03	6.48E-06	4.28E-06	7.17E-06	3.63E-06	2.46E-08	7.64E-08	2.39E-05
406	**406**	2.55E-03	4.45E-05	2.46E-03	6.66E-06	4.10E-06	7.00E-06	3.66E-06	2.52E-08	7.81E-08	2.46E-05
407	**407**	2.53E-03	4.42E-05	2.44E-03	6.83E-06	3.92E-06	7.02E-06	3.56E-06	2.58E-08	8.00E-08	2.54E-05
408	**408**	2.52E-03	4.38E-05	2.43E-03	7.02E-06	3.76E-06	7.17E-06	3.39E-06	2.65E-08	8.19E-08	2.62E-05
409	**409**	2.50E-03	4.35E-05	2.41E-03	7.20E-06	3.64E-06	7.38E-06	3.21E-06	2.72E-08	8.40E-08	2.71E-05
410	**410**	2.48E-03	4.31E-05	2.39E-03	7.40E-06	3.57E-06	7.58E-06	3.05E-06	2.80E-08	8.61E-08	2.80E-05
411	**411**	2.46E-03	4.27E-05	2.37E-03	7.61E-06	3.56E-06	7.73E-06	2.91E-06	2.88E-08	8.83E-08	2.89E-05
412	**412**	2.44E-03	4.23E-05	2.35E-03	7.83E-06	3.58E-06	7.80E-06	2.81E-06	2.96E-08	9.06E-08	2.99E-05
413	**413**	2.43E-03	4.20E-05	2.33E-03	8.05E-06	3.63E-06	7.78E-06	2.73E-06	3.05E-08	9.30E-08	3.10E-05
414	**414**	2.41E-03	4.16E-05	2.31E-03	8.29E-06	3.71E-06	7.66E-06	2.70E-06	3.15E-08	9.55E-08	3.21E-05
415	**415**	2.39E-03	4.12E-05	2.30E-03	8.53E-06	3.78E-06	7.50E-06	2.70E-06	3.24E-08	9.81E-08	3.33E-05
416	**416**	2.38E-03	4.08E-05	2.28E-03	8.78E-06	3.85E-06	7.36E-06	2.75E-06	3.35E-08	1.01E-07	3.46E-05
417	**417**	2.36E-03	4.05E-05	2.26E-03	9.02E-06	3.90E-06	7.30E-06	2.82E-06	3.46E-08	1.04E-07	3.60E-05
418	**418**	2.43E-03	4.29E-05	2.34E-03	6.40E-06	3.91E-06	6.57E-06	3.52E-06	2.48E-08	7.76E-08	2.45E-05
419	**419**	2.43E-03	4.28E-05	2.34E-03	6.57E-06	3.74E-06	6.60E-06	3.42E-06	2.54E-08	7.93E-08	2.52E-05
420	**420**	2.41E-03	4.25E-05	2.33E-03	6.74E-06	3.59E-06	6.74E-06	3.25E-06	2.60E-08	8.13E-08	2.59E-05
421	**421**	2.40E-03	4.21E-05	2.31E-03	6.91E-06	3.48E-06	6.94E-06	3.08E-06	2.68E-08	8.33E-08	2.68E-05
422	**422**	2.38E-03	4.18E-05	2.29E-03	7.09E-06	3.42E-06	7.13E-06	2.93E-06	2.75E-08	8.54E-08	2.77E-05
423	**423**	2.36E-03	4.14E-05	2.27E-03	7.29E-06	3.41E-06	7.27E-06	2.80E-06	2.83E-08	8.75E-08	2.86E-05
424	**424**	2.35E-03	4.11E-05	2.25E-03	7.49E-06	3.43E-06	7.35E-06	2.70E-06	2.91E-08	8.98E-08	2.96E-05
425	**425**	2.33E-03	4.07E-05	2.24E-03	7.70E-06	3.48E-06	7.35E-06	2.64E-06	2.99E-08	9.22E-08	3.06E-05
426	**426**	2.31E-03	4.03E-05	2.22E-03	7.91E-06	3.55E-06	7.26E-06	2.60E-06	3.09E-08	9.46E-08	3.18E-05
427	**427**	2.30E-03	4.00E-05	2.20E-03	8.13E-06	3.62E-06	7.11E-06	2.61E-06	3.18E-08	9.72E-08	3.30E-05
428	**428**	2.28E-03	3.96E-05	2.19E-03	8.36E-06	3.69E-06	6.97E-06	2.65E-06	3.28E-08	9.98E-08	3.42E-05
429	**429**	2.26E-03	3.92E-05	2.17E-03	8.58E-06	3.74E-06	6.89E-06	2.71E-06	3.39E-08	1.03E-07	3.56E-05
430	**430**	2.26E-03	4.01E-05	2.18E-03	6.99E-06	3.26E-06	6.85E-06	2.69E-06	2.78E-08	8.69E-08	2.83E-05
431	**431**	2.25E-03	3.98E-05	2.16E-03	7.17E-06	3.29E-06	6.94E-06	2.60E-06	2.86E-08	8.91E-08	2.93E-05

Berkley WTPF

Unmitigated - - Risk Summary

		Chronic Non Cancer Risk									
Receptor #	**Receptor #**	**Max Chronic**	**Dredging**	**Peir**	**University**	**Seawall**	**Plaza**	**Boatlaunch**	**Haul 1**	**Haul 2**	**Haul 3**
432	**432**	2.23E-03	3.95E-05	2.14E-03	7.36E-06	3.34E-06	6.96E-06	2.54E-06	2.95E-08	9.15E-08	3.03E-05
433	**433**	2.22E-03	3.91E-05	2.13E-03	7.56E-06	3.40E-06	6.89E-06	2.51E-06	3.03E-08	9.38E-08	3.14E-05
434	**434**	2.21E-03	3.88E-05	2.12E-03	7.76E-06	3.48E-06	6.76E-06	2.51E-06	3.12E-08	9.63E-08	3.26E-05
435	**435**	2.19E-03	3.85E-05	2.10E-03	7.96E-06	3.54E-06	6.61E-06	2.55E-06	3.22E-08	9.89E-08	3.38E-05
						Park					
436	**436**	7.30E-03	1.03E-04	6.93E-03	7.82E-06	1.98E-04	2.62E-05	1.83E-05	1.44E-08	4.22E-08	8.19E-06
437	**437**	6.72E-03	9.31E-05	6.38E-03	7.80E-06	1.84E-04	2.70E-05	2.03E-05	1.49E-08	4.35E-08	8.29E-06
438	**438**	9.23E-03	1.31E-04	8.89E-03	8.69E-06	1.46E-04	3.49E-05	1.28E-05	1.34E-08	3.95E-08	8.16E-06
439	**439**	8.45E-03	1.16E-04	8.12E-03	8.81E-06	1.54E-04	3.48E-05	1.37E-05	1.39E-08	4.06E-08	8.26E-06
440	**440**	7.75E-03	1.05E-04	7.41E-03	8.89E-06	1.62E-04	3.62E-05	1.56E-05	1.44E-08	4.19E-08	8.36E-06
441	**441**	7.05E-03	9.46E-05	6.75E-03	8.89E-06	1.28E-04	3.76E-05	1.70E-05	1.49E-08	4.32E-08	8.46E-06
442	**442**	1.12E-02	1.50E-04	1.08E-02	9.75E-06	7.88E-05	5.02E-05	1.06E-05	1.28E-08	3.80E-08	8.18E-06
443	**443**	1.01E-02	1.31E-04	9.72E-03	9.94E-06	1.26E-04	4.92E-05	1.09E-05	1.32E-08	3.92E-08	8.30E-06
444	**444**	9.05E-03	1.17E-04	8.73E-03	1.01E-05	1.17E-04	5.07E-05	1.18E-05	1.37E-08	4.03E-08	8.41E-06
445	**445**	8.17E-03	1.05E-04	7.88E-03	1.02E-05	9.92E-05	5.28E-05	1.35E-05	1.42E-08	4.15E-08	8.52E-06
446	**446**	7.36E-03	9.48E-05	7.10E-03	1.03E-05	8.43E-05	5.30E-05	1.44E-05	1.48E-08	4.28E-08	8.63E-06
447	**447**	1.24E-02	1.47E-04	1.20E-02	1.13E-05	8.26E-05	7.64E-05	9.06E-06	1.25E-08	3.78E-08	8.31E-06
448	**448**	1.09E-02	1.29E-04	1.05E-02	1.16E-05	8.89E-05	7.72E-05	9.40E-06	1.30E-08	3.88E-08	8.43E-06
449	**449**	9.61E-03	1.15E-04	9.31E-03	1.18E-05	7.62E-05	7.88E-05	1.04E-05	1.35E-08	4.00E-08	8.56E-06
450	**450**	8.57E-03	1.04E-04	8.29E-03	1.20E-05	6.77E-05	7.79E-05	1.18E-05	1.41E-08	4.12E-08	8.67E-06
451	**451**	7.66E-03	9.38E-05	7.40E-03	1.21E-05	5.96E-05	7.33E-05	1.24E-05	1.46E-08	4.24E-08	8.80E-06
452	**452**	6.88E-03	8.54E-05	6.65E-03	1.22E-05	5.27E-05	6.67E-05	1.20E-05	1.52E-08	4.38E-08	8.92E-06
453	**453**	1.35E-02	1.43E-04	1.32E-02	1.34E-05	5.76E-05	1.36E-04	7.86E-06	1.23E-08	3.75E-08	8.43E-06
454	**454**	1.16E-02	1.26E-04	1.13E-02	1.38E-05	6.56E-05	1.32E-04	8.28E-06	1.28E-08	3.85E-08	8.56E-06
455	**455**	1.01E-02	1.13E-04	9.80E-03	1.41E-05	5.58E-05	1.24E-04	9.30E-06	1.33E-08	3.97E-08	8.70E-06
456	**456**	8.93E-03	1.02E-04	8.63E-03	1.45E-05	4.98E-05	1.12E-04	1.04E-05	1.38E-08	4.08E-08	8.82E-06
457	**457**	7.91E-03	9.19E-05	7.64E-03	1.47E-05	4.45E-05	9.71E-05	1.07E-05	1.44E-08	4.21E-08	8.95E-06
458	**458**	7.07E-03	8.37E-05	6.83E-03	1.50E-05	4.01E-05	8.27E-05	1.03E-05	1.50E-08	4.34E-08	9.09E-06
459	**459**	1.76E-02	1.58E-04	1.71E-02	1.56E-05	2.83E-05	3.21E-04	6.81E-06	1.17E-08	3.62E-08	8.40E-06
460	**460**	1.45E-02	1.38E-04	1.40E-02	1.64E-05	6.66E-05	2.75E-04	6.91E-06	1.21E-08	3.72E-08	8.54E-06
461	**461**	1.22E-02	1.22E-04	1.18E-02	1.70E-05	5.02E-05	2.30E-04	7.41E-06	1.26E-08	3.82E-08	8.69E-06

Berkley WTPF
Unmitigated - - Risk Summary

		Chronic Non Cancer Risk									
Receptor #	**Receptor #**	**Max Chronic**	**Dredging**	**Peir**	**University**	**Seawall**	**Plaza**	**Boatlaunch**	**Haul 1**	**Haul 2**	**Haul 3**
462	**462**	1.05E-02	1.09E-04	1.01E-02	1.76E-05	4.27E-05	1.89E-04	8.39E-06	1.31E-08	3.93E-08	8.83E-06
463	**463**	9.19E-03	9.85E-05	8.86E-03	1.83E-05	3.83E-05	1.52E-04	9.28E-06	1.36E-08	4.05E-08	8.96E-06
464	**464**	8.08E-03	8.93E-05	7.80E-03	1.88E-05	3.45E-05	1.22E-04	9.36E-06	1.42E-08	4.17E-08	9.11E-06
465	**465**	7.19E-03	8.14E-05	6.94E-03	1.91E-05	3.15E-05	9.83E-05	8.93E-06	1.48E-08	4.30E-08	9.25E-06
466	**466**	6.45E-03	7.48E-05	6.23E-03	1.92E-05	2.91E-05	8.00E-05	8.65E-06	1.54E-08	4.43E-08	9.40E-06
467	**467**	1.82E-02	1.50E-04	1.76E-02	2.00E-05	2.76E-05	4.41E-04	6.00E-06	1.15E-08	3.59E-08	8.50E-06
468	**468**	1.50E-02	1.31E-04	1.43E-02	2.14E-05	4.62E-05	5.60E-04	6.16E-06	1.19E-08	3.69E-08	8.65E-06
469	**469**	1.25E-02	1.16E-04	1.19E-02	2.25E-05	3.70E-05	3.78E-04	6.71E-06	1.24E-08	3.79E-08	8.81E-06
470	**470**	1.06E-02	1.04E-04	1.02E-02	2.38E-05	3.25E-05	2.68E-04	7.62E-06	1.29E-08	3.90E-08	8.96E-06
471	**471**	9.25E-03	9.47E-05	8.89E-03	2.49E-05	2.97E-05	1.96E-04	8.29E-06	1.34E-08	4.01E-08	9.10E-06
472	**472**	8.11E-03	8.60E-05	7.80E-03	2.53E-05	2.72E-05	1.48E-04	8.23E-06	1.39E-08	4.13E-08	9.25E-06
473	**473**	7.19E-03	7.86E-05	6.93E-03	2.53E-05	2.52E-05	1.14E-04	7.80E-06	1.45E-08	4.26E-08	9.41E-06
474	**474**	6.45E-03	7.23E-05	6.22E-03	2.51E-05	2.35E-05	9.06E-05	7.56E-06	1.52E-08	4.39E-08	9.56E-06
475	**475**	5.83E-03	6.69E-05	5.62E-03	2.46E-05	2.20E-05	7.35E-05	7.64E-06	1.58E-08	4.53E-08	9.72E-06
476	**476**	1.71E-02	1.40E-04	1.65E-02	2.85E-05	3.05E-05	3.97E-04	5.34E-06	1.13E-08	3.56E-08	8.60E-06
477	**477**	1.44E-02	1.23E-04	1.36E-02	3.19E-05	2.83E-05	6.78E-04	5.56E-06	1.17E-08	3.66E-08	8.76E-06
478	**478**	1.21E-02	1.10E-04	1.14E-02	3.48E-05	2.59E-05	5.24E-04	6.16E-06	1.22E-08	3.76E-08	8.92E-06
479	**479**	1.04E-02	9.92E-05	9.85E-03	3.67E-05	2.43E-05	3.38E-04	6.96E-06	1.26E-08	3.87E-08	9.08E-06
480	**480**	9.03E-03	9.03E-05	8.63E-03	3.73E-05	2.30E-05	2.35E-04	7.44E-06	1.31E-08	3.98E-08	9.23E-06
481	**481**	7.94E-03	8.23E-05	7.61E-03	3.66E-05	2.15E-05	1.71E-04	7.27E-06	1.37E-08	4.10E-08	9.39E-06
482	**482**	7.06E-03	7.54E-05	6.78E-03	3.54E-05	2.02E-05	1.29E-04	6.87E-06	1.42E-08	4.22E-08	9.56E-06
483	**483**	6.33E-03	6.96E-05	6.09E-03	3.41E-05	1.92E-05	1.01E-04	6.67E-06	1.49E-08	4.35E-08	9.72E-06
484	**484**	5.73E-03	6.45E-05	5.52E-03	3.28E-05	1.81E-05	8.15E-05	6.75E-06	1.55E-08	4.49E-08	9.89E-06
485	**485**	5.23E-03	6.01E-05	5.03E-03	3.14E-05	1.71E-05	6.70E-05	6.94E-06	1.62E-08	4.63E-08	1.01E-05
486	**486**	4.80E-03	5.62E-05	4.62E-03	3.01E-05	1.62E-05	5.61E-05	7.05E-06	1.70E-08	4.79E-08	1.02E-05
487	**487**	1.55E-02	1.30E-04	1.45E-02	3.70E-05	1.92E-05	7.36E-04	4.79E-06	1.11E-08	3.53E-08	8.69E-06
488	**488**	1.34E-02	1.15E-04	1.22E-02	5.17E-05	1.93E-05	9.76E-04	5.08E-06	1.15E-08	3.63E-08	8.86E-06
489	**489**	1.12E-02	1.03E-04	1.05E-02	7.36E-05	1.89E-05	5.58E-04	5.69E-06	1.20E-08	3.73E-08	9.02E-06
490	**490**	9.68E-03	9.33E-05	9.13E-03	6.85E-05	1.84E-05	3.57E-04	6.36E-06	1.24E-08	3.83E-08	9.19E-06
491	**491**	8.50E-03	8.51E-05	8.07E-03	6.30E-05	1.78E-05	2.47E-04	6.65E-06	1.29E-08	3.94E-08	9.36E-06
492	**492**	7.55E-03	7.82E-05	7.20E-03	5.81E-05	1.71E-05	1.81E-04	6.46E-06	1.34E-08	4.06E-08	9.53E-06

Berkley WTPF
Unmitigated - - Risk Summary

		Chronic Non Cancer Risk									
Receptor #	**Receptor #**	**Max Chronic**	**Dredging**	**Peir**	**University**	**Seawall**	**Plaza**	**Boatlaunch**	**Haul 1**	**Haul 2**	**Haul 3**
493	**493**	6.76E-03	7.20E-05	6.47E-03	5.36E-05	1.65E-05	1.37E-04	6.10E-06	1.40E-08	4.18E-08	9.70E-06
494	**494**	6.10E-03	6.66E-05	5.84E-03	4.97E-05	1.58E-05	1.07E-04	5.93E-06	1.46E-08	4.31E-08	9.88E-06
495	**495**	5.54E-03	6.19E-05	5.32E-03	4.63E-05	1.51E-05	8.63E-05	6.00E-06	1.52E-08	4.44E-08	1.01E-05
496	**496**	5.07E-03	5.77E-05	4.86E-03	4.33E-05	1.44E-05	7.08E-05	6.17E-06	1.59E-08	4.59E-08	1.02E-05
497	**497**	4.66E-03	5.41E-05	4.47E-03	4.06E-05	1.37E-05	5.91E-05	6.28E-06	1.67E-08	4.74E-08	1.04E-05
498	**498**	4.30E-03	5.09E-05	4.13E-03	3.82E-05	1.31E-05	5.00E-05	6.26E-06	1.75E-08	4.90E-08	1.06E-05
499	**499**	3.99E-03	4.81E-05	3.84E-03	3.60E-05	1.25E-05	4.29E-05	6.15E-06	1.83E-08	5.07E-08	1.08E-05
500	**500**	1.00E-02	9.61E-05	9.35E-03	7.14E-05	1.48E-05	4.66E-04	5.29E-06	1.18E-08	3.70E-08	9.12E-06
501	**501**	8.77E-03	8.73E-05	8.25E-03	9.03E-05	1.46E-05	3.14E-04	5.84E-06	1.22E-08	3.80E-08	9.30E-06
502	**502**	7.79E-03	8.00E-05	7.36E-03	9.86E-05	1.43E-05	2.25E-04	5.99E-06	1.27E-08	3.91E-08	9.48E-06
503	**503**	7.02E-03	7.38E-05	6.64E-03	1.11E-04	1.39E-05	1.69E-04	5.76E-06	1.32E-08	4.02E-08	9.66E-06
504	**504**	6.34E-03	6.83E-05	6.02E-03	9.41E-05	1.36E-05	1.31E-04	5.44E-06	1.37E-08	4.14E-08	9.84E-06
505	**505**	5.76E-03	6.34E-05	5.49E-03	8.15E-05	1.32E-05	1.04E-04	5.30E-06	1.43E-08	4.27E-08	1.00E-05
506	**506**	5.26E-03	5.91E-05	5.02E-03	7.20E-05	1.27E-05	8.44E-05	5.37E-06	1.49E-08	4.40E-08	1.02E-05
507	**507**	4.83E-03	5.53E-05	4.62E-03	6.45E-05	1.22E-05	6.97E-05	5.53E-06	1.56E-08	4.54E-08	1.04E-05
508	**508**	4.46E-03	5.19E-05	4.27E-03	5.86E-05	1.17E-05	5.84E-05	5.64E-06	1.64E-08	4.69E-08	1.06E-05
509	**509**	4.14E-03	4.89E-05	3.96E-03	5.37E-05	1.13E-05	4.96E-05	5.64E-06	1.71E-08	4.85E-08	1.08E-05
510	**510**	3.85E-03	4.62E-05	3.68E-03	4.95E-05	1.08E-05	4.26E-05	5.55E-06	1.80E-08	5.01E-08	1.10E-05
511	**511**	3.59E-03	4.38E-05	3.44E-03	4.58E-05	1.03E-05	3.69E-05	5.45E-06	1.89E-08	5.19E-08	1.12E-05
512	**512**	5.78E-03	6.43E-05	5.48E-03	1.02E-04	1.13E-05	1.11E-04	4.87E-06	1.35E-08	4.11E-08	9.98E-06
513	**513**	5.38E-03	6.01E-05	5.05E-03	1.52E-04	1.12E-05	9.17E-05	4.77E-06	1.41E-08	4.23E-08	1.02E-05
514	**514**	4.95E-03	5.62E-05	4.66E-03	1.37E-04	1.09E-05	7.60E-05	4.84E-06	1.47E-08	4.36E-08	1.04E-05
515	**515**	4.57E-03	5.27E-05	4.31E-03	1.13E-04	1.05E-05	6.38E-05	4.98E-06	1.53E-08	4.50E-08	1.06E-05
516	**516**	4.23E-03	4.96E-05	4.01E-03	9.57E-05	1.01E-05	5.42E-05	5.10E-06	1.60E-08	4.64E-08	1.08E-05
517	**517**	3.94E-03	4.68E-05	3.74E-03	8.34E-05	9.77E-06	4.65E-05	5.12E-06	1.68E-08	4.79E-08	1.10E-05
518	**518**	3.68E-03	4.43E-05	3.49E-03	7.40E-05	9.41E-06	4.03E-05	5.04E-06	1.76E-08	4.96E-08	1.12E-05
519	**519**	3.44E-03	4.20E-05	3.27E-03	6.64E-05	9.07E-06	3.52E-05	4.94E-06	1.85E-08	5.13E-08	1.14E-05
520	**520**	9.20E-03	9.91E-05	8.77E-03	3.13E-05	9.97E-06	2.79E-04	3.70E-06	1.07E-08	3.45E-08	8.91E-06
521	**521**	8.26E-03	8.97E-05	7.87E-03	4.53E-05	1.01E-05	2.34E-04	4.11E-06	1.11E-08	3.55E-08	9.11E-06
522	**522**	7.45E-03	8.18E-05	7.09E-03	6.40E-05	1.02E-05	1.91E-04	4.63E-06	1.15E-08	3.64E-08	9.30E-06
523	**523**	4.22E-03	5.00E-05	3.98E-03	1.11E-04	9.15E-06	5.52E-05	4.51E-06	1.50E-08	4.45E-08	1.07E-05

Berkley WTPF
Unmitigated - - Risk Summary

		Chronic Non Cancer Risk									
Receptor #	**Receptor #**	**Max Chronic**	**Dredging**	**Peir**	**University**	**Seawall**	**Plaza**	**Boatlaunch**	**Haul 1**	**Haul 2**	**Haul 3**
524	**524**	3.97E-03	4.71E-05	3.72E-03	1.35E-04	8.85E-06	4.79E-05	4.63E-06	1.57E-08	4.59E-08	1.09E-05
525	**525**	3.74E-03	4.46E-05	3.49E-03	1.45E-04	8.56E-06	4.18E-05	4.66E-06	1.65E-08	4.74E-08	1.12E-05
526	**526**	3.51E-03	4.23E-05	3.28E-03	1.33E-04	8.27E-06	3.67E-05	4.60E-06	1.72E-08	4.90E-08	1.14E-05
527	**527**	3.29E-03	4.02E-05	3.09E-03	1.11E-04	8.00E-06	3.24E-05	4.51E-06	1.81E-08	5.07E-08	1.16E-05
0	**0**	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Berkley WTPF

PM2.5 Unmitigated Concentration

Receptor #	Conc.	*Dredging*	*Peir*	*University*		*Seawall*		*Plaza*		*Boatlaunch*		*Haul1*		*Haul2*		*Haul3*	
		Exhaust	*Exhaust*	*Exhaust*	*Fugitive*	*Exhaust*	*Fugitive*	*Exhaust*	*Fugitive*	*Exhaust*	*Fugitive*	*Exhaust*	*Fugitive*	*Exhaust*	*Fugitive*	*Exhaust*	*Fugitive*
1	0.06																
Max (park)	0.28																
Total	0.33																
	Emissions:	1.73E-03	0.05	8.59076E-05	7.15897E-06	8.91E-05	0.00	9.54529E-05	9.55E-06	8.59E-05	9.55E-06	6.65E-07	1.12E-06	2.87E-06	4.85E-06	2.86E-06	4.82E-06
1	5.62E-02	7.40E-04	5.4E-02	2.2E-04	1.6E-05	8.6E-05	5.1E-06	5.4E-04	5.2E-05	5.5E-05	6.2E-06	1.7E-07	2.9E-07	5.5E-07	9.4E-07	8.1E-07	1.4E-06
2	5.36E-02	7.09E-04	5.2E-02	2.4E-04	1.7E-05	8.5E-05	5.0E-06	5.1E-04	4.9E-05	5.4E-05	5.5E-06	1.8E-07	3.0E-07	5.7E-07	9.6E-07	8.3E-07	1.4E-06
3	5.12E-02	6.79E-04	5.0E-02	2.7E-04	1.9E-05	8.4E-05	5.0E-06	4.9E-04	4.6E-05	5.1E-05	4.9E-06	1.8E-07	3.1E-07	5.8E-07	9.9E-07	8.5E-07	1.4E-06
4	4.88E-02	6.50E-04	4.7E-02	3.0E-04	2.0E-05	8.4E-05	5.0E-06	4.6E-04	4.5E-05	4.8E-05	4.5E-06	1.9E-07	3.2E-07	6.0E-07	1.0E-06	8.7E-07	1.5E-06
5	4.64E-02	6.22E-04	4.5E-02	3.3E-04	2.2E-05	8.4E-05	5.1E-06	4.4E-04	4.4E-05	4.6E-05	4.3E-06	2.0E-07	3.3E-07	6.2E-07	1.0E-06	8.9E-07	1.5E-06
6	4.42E-02	5.95E-04	4.3E-02	3.6E-04	2.4E-05	8.4E-05	5.1E-06	4.2E-04	4.2E-05	4.5E-05	4.3E-06	2.0E-07	3.4E-07	6.4E-07	1.1E-06	9.2E-07	1.5E-06
7	4.20E-02	5.71E-04	4.0E-02	3.9E-04	2.6E-05	8.4E-05	5.1E-06	3.9E-04	4.0E-05	4.6E-05	4.6E-06	2.1E-07	3.6E-07	6.5E-07	1.1E-06	9.4E-07	1.6E-06
8	4.01E-02	5.48E-04	3.9E-02	4.3E-04	2.8E-05	8.3E-05	5.1E-06	3.6E-04	3.6E-05	4.8E-05	4.8E-06	2.2E-07	3.7E-07	6.7E-07	1.1E-06	9.6E-07	1.6E-06
9	5.22E-02	6.94E-04	5.1E-02	1.7E-04	1.2E-05	7.9E-05	4.8E-06	4.5E-04	4.2E-05	5.0E-05	5.7E-06	1.6E-07	2.7E-07	5.4E-07	9.1E-07	7.9E-07	1.3E-06
10	5.05E-02	6.70E-04	4.9E-02	1.8E-04	1.3E-05	7.8E-05	4.6E-06	4.3E-04	4.1E-05	5.1E-05	5.7E-06	1.7E-07	2.8E-07	5.5E-07	9.3E-07	8.1E-07	1.4E-06
11	4.84E-02	6.44E-04	4.7E-02	2.0E-04	1.4E-05	7.6E-05	4.4E-06	4.1E-04	3.9E-05	5.0E-05	5.0E-06	1.7E-07	2.9E-07	5.6E-07	9.5E-07	8.3E-07	1.4E-06
12	4.63E-02	6.19E-04	4.5E-02	2.2E-04	1.5E-05	7.6E-05	4.4E-06	3.9E-04	3.7E-05	4.7E-05	4.5E-06	1.8E-07	3.0E-07	5.8E-07	9.8E-07	8.6E-07	1.4E-06
13	4.43E-02	5.96E-04	4.3E-02	2.4E-04	1.7E-05	7.6E-05	4.5E-06	3.7E-04	3.5E-05	4.4E-05	4.1E-06	1.9E-07	3.1E-07	5.9E-07	1.0E-06	8.8E-07	1.5E-06
14	4.24E-02	5.74E-04	4.1E-02	2.6E-04	1.8E-05	7.6E-05	4.6E-06	3.6E-04	3.5E-05	4.2E-05	4.0E-06	1.9E-07	3.3E-07	6.1E-07	1.0E-06	9.0E-07	1.5E-06
15	4.05E-02	5.53E-04	3.9E-02	2.9E-04	1.9E-05	7.6E-05	4.6E-06	3.5E-04	3.4E-05	4.2E-05	4.0E-06	2.0E-07	3.4E-07	6.3E-07	1.1E-06	9.2E-07	1.6E-06
16	3.88E-02	5.33E-04	3.7E-02	3.1E-04	2.0E-05	7.6E-05	4.6E-06	3.3E-04	3.4E-05	4.3E-05	4.2E-06	2.1E-07	3.5E-07	6.5E-07	1.1E-06	9.5E-07	1.6E-06
17	3.71E-02	5.14E-04	3.6E-02	3.4E-04	2.2E-05	7.5E-05	4.6E-06	3.1E-04	3.2E-05	4.4E-05	4.5E-06	2.2E-07	3.7E-07	6.7E-07	1.1E-06	9.7E-07	1.6E-06
18	3.55E-02	4.95E-04	3.4E-02	3.7E-04	2.4E-05	7.4E-05	4.6E-06	2.9E-04	2.9E-05	4.6E-05	4.6E-06	2.3E-07	3.8E-07	6.9E-07	1.2E-06	9.9E-07	1.7E-06
19	3.39E-02	4.76E-04	3.3E-02	4.0E-04	2.5E-05	7.3E-05	4.5E-06	2.7E-04	2.7E-05	4.6E-05	4.7E-06	2.4E-07	4.0E-07	7.1E-07	1.2E-06	1.0E-06	1.7E-06
20	3.25E-02	4.60E-04	3.1E-02	4.4E-04	2.7E-05	7.1E-05	4.4E-06	2.5E-04	2.4E-05	4.6E-05	4.7E-06	2.5E-07	4.2E-07	7.3E-07	1.2E-06	1.0E-06	1.8E-06
21	4.68E-02	6.30E-04	4.6E-02	1.5E-04	1.1E-05	7.2E-05	4.4E-06	3.6E-04	3.4E-05	4.7E-05	5.4E-06	1.6E-07	2.7E-07	5.3E-07	9.0E-07	8.0E-07	1.3E-06
22	4.55E-02	6.11E-04	4.4E-02	1.6E-04	1.1E-05	7.0E-05	4.1E-06	3.5E-04	3.3E-05	4.8E-05	5.3E-06	1.7E-07	2.8E-07	5.4E-07	9.2E-07	8.2E-07	1.4E-06
23	4.39E-02	5.89E-04	4.3E-02	1.7E-04	1.2E-05	6.9E-05	4.0E-06	3.4E-04	3.3E-05	4.6E-05	4.6E-06	1.7E-07	2.9E-07	5.6E-07	9.4E-07	8.4E-07	1.4E-06
24	4.22E-02	5.69E-04	4.1E-02	1.9E-04	1.3E-05	6.9E-05	4.0E-06	3.2E-04	3.0E-05	4.3E-05	4.1E-06	1.8E-07	3.0E-07	5.7E-07	9.7E-07	8.6E-07	1.5E-06
25	4.06E-02	5.49E-04	3.9E-02	2.0E-04	1.4E-05	6.9E-05	4.1E-06	3.0E-04	2.8E-05	4.1E-05	3.8E-06	1.8E-07	3.1E-07	5.9E-07	1.0E-06	8.8E-07	1.5E-06
26	3.89E-02	5.30E-04	3.8E-02	2.2E-04	1.5E-05	6.9E-05	4.2E-06	2.9E-04	2.7E-05	3.9E-05	3.7E-06	1.9E-07	3.2E-07	6.1E-07	1.0E-06	9.1E-07	1.5E-06
27	3.74E-02	5.13E-04	3.6E-02	2.4E-04	1.6E-05	6.9E-05	4.2E-06	2.9E-04	2.7E-05	3.9E-05	3.7E-06	2.0E-07	3.4E-07	6.2E-07	1.1E-06	9.3E-07	1.6E-06
28	3.58E-02	4.96E-04	3.5E-02	2.5E-04	1.7E-05	6.9E-05	4.2E-06	2.8E-04	2.8E-05	4.0E-05	3.9E-06	2.1E-07	3.5E-07	6.4E-07	1.1E-06	9.5E-07	1.6E-06
29	3.44E-02	4.80E-04	3.3E-02	2.7E-04	1.8E-05	6.9E-05	4.2E-06	2.7E-04	2.7E-05	4.1E-05	4.2E-06	2.1E-07	3.6E-07	6.6E-07	1.1E-06	9.8E-07	1.7E-06
30	3.30E-02	4.65E-04	3.2E-02	3.0E-04	1.9E-05	6.8E-05	4.2E-06	2.6E-04	2.6E-05	4.2E-05	4.3E-06	2.2E-07	3.8E-07	6.8E-07	1.1E-06	1.0E-06	1.7E-06
31	3.16E-02	4.50E-04	3.0E-02	3.2E-04	2.0E-05	6.7E-05	4.1E-06	2.4E-04	2.4E-05	4.3E-05	4.3E-06	2.3E-07	3.9E-07	7.0E-07	1.2E-06	1.0E-06	1.7E-06
32	3.04E-02	4.35E-04	2.9E-02	3.5E-04	2.2E-05	6.5E-05	4.0E-06	2.2E-04	2.2E-05	4.3E-05	4.4E-06	2.4E-07	4.1E-07	7.2E-07	1.2E-06	1.1E-06	1.8E-06
33	2.93E-02	4.22E-04	2.8E-02	3.8E-04	2.3E-05	6.4E-05	4.0E-06	2.1E-04	2.0E-05	4.3E-05	4.4E-06	2.5E-07	4.3E-07	7.5E-07	1.3E-06	1.1E-06	1.8E-06
34	2.82E-02	4.08E-04	2.7E-02	4.1E-04	2.5E-05	6.3E-05	3.9E-06	1.9E-04	1.9E-05	4.2E-05	4.2E-06	2.7E-07	4.5E-07	7.7E-07	1.3E-06	1.1E-06	1.9E-06
35	2.72E-02	3.95E-04	2.6E-02	4.4E-04	2.7E-05	6.1E-05	3.8E-06	1.8E-04	1.7E-05	4.1E-05	4.0E-06	2.8E-07	4.7E-07	8.0E-07	1.3E-06	1.1E-06	1.9E-06
36	2.63E-02	3.83E-04	2.5E-02	4.9E-04	2.9E-05	6.0E-05	3.7E-06	1.7E-04	1.6E-05	4.1E-05	4.0E-06	2.9E-07	4.9E-07	8.3E-07	1.4E-06	1.2E-06	2.0E-06
37	4.25E-02	5.79E-04	4.1E-02	1.3E-04	9.5E-06	6.5E-05	3.9E-06	3.0E-04	2.8E-05	4.5E-05	5.2E-06	1.6E-07	2.7E-07	5.3E-07	8.9E-07	8.0E-07	1.3E-06
38	4.14E-02	5.61E-04	4.0E-02	1.4E-04	1.0E-05	6.4E-05	3.7E-06	2.9E-04	2.7E-05	4.5E-05	4.9E-06	1.7E-07	2.8E-07	5.4E-07	9.1E-07	8.2E-07	1.4E-06
39	4.01E-02	5.43E-04	3.9E-02	1.5E-04	1.1E-05	6.3E-05	3.6E-06	2.8E-04	2.7E-05	4.3E-05	4.2E-06	1.7E-07	2.9E-07	5.5E-07	9.4E-07	8.4E-07	1.4E-06
40	3.87E-02	5.25E-04	3.8E-02	1.6E-04	1.1E-05	6.2E-05	3.6E-06	2.7E-04	2.6E-05	4.0E-05	3.8E-06	1.8E-07	3.0E-07	5.7E-07	9.6E-07	8.6E-07	1.5E-06
41	3.74E-02	5.09E-04	3.6E-02	1.8E-04	1.2E-05	6.3E-05	3.7E-06	2.6E-04	2.4E-05	3.8E-05	3.6E-06	1.8E-07	3.1E-07	5.8E-07	9.9E-07	8.9E-07	1.5E-06

Berkley WTPF

PM2.5 Unmitigated Concentration

Receptor #	Conc.	*Dredging*	*Peir*	*University*		*Seawall*		*Plaza*		*Boatlaunch*		*Haul1*		*Haul2*		*Haul3*	
		Exhaust	*Exhaust*	*Exhaust*	*Fugitive*	*Exhaust*	*Fugitive*	*Exhaust*	*Fugitive*	*Exhaust*	*Fugitive*	*Exhaust*	*Fugitive*	*Exhaust*	*Fugitive*	*Exhaust*	*Fugitive*
1	0.06																
Max (park)	0.28																
Total	0.33																
	Emissions:	1.73E-03	0.05	8.59076E-05	7.15897E-06	8.91E-05	0.00	9.54529E-05	9.55E-06	8.59E-05	9.55E-06	6.65E-07	1.12E-06	2.87E-06	4.85E-06	2.86E-06	4.82E-06
42	3.60E-02	4.93E-04	3.5E-02	1.9E-04	1.3E-05	6.3E-05	3.8E-06	2.4E-04	2.3E-05	3.7E-05	3.4E-06	1.9E-07	3.2E-07	6.0E-07	1.0E-06	9.1E-07	1.5E-06
43	3.47E-02	4.78E-04	3.4E-02	2.0E-04	1.4E-05	6.3E-05	3.8E-06	2.4E-04	2.2E-05	3.7E-05	3.5E-06	2.0E-07	3.3E-07	6.2E-07	1.0E-06	9.4E-07	1.6E-06
44	3.33E-02	4.63E-04	3.2E-02	2.2E-04	1.4E-05	6.3E-05	3.9E-06	2.3E-04	2.2E-05	3.7E-05	3.6E-06	2.0E-07	3.5E-07	6.3E-07	1.1E-06	9.6E-07	1.6E-06
45	3.21E-02	4.49E-04	3.1E-02	2.3E-04	1.5E-05	6.3E-05	3.8E-06	2.3E-04	2.3E-05	3.9E-05	3.9E-06	2.1E-07	3.6E-07	6.5E-07	1.1E-06	9.9E-07	1.7E-06
46	3.08E-02	4.36E-04	3.0E-02	2.5E-04	1.6E-05	6.2E-05	3.8E-06	2.2E-04	2.2E-05	4.0E-05	4.0E-06	2.2E-07	3.7E-07	6.7E-07	1.1E-06	1.0E-06	1.7E-06
47	2.96E-02	4.23E-04	2.9E-02	2.7E-04	1.7E-05	6.1E-05	3.8E-06	2.1E-04	2.2E-05	4.0E-05	4.0E-06	2.3E-07	3.9E-07	6.9E-07	1.2E-06	1.0E-06	1.8E-06
48	2.85E-02	4.11E-04	2.7E-02	2.8E-04	1.8E-05	6.0E-05	3.7E-06	2.0E-04	2.0E-05	4.1E-05	4.1E-06	2.4E-07	4.1E-07	7.2E-07	1.2E-06	1.1E-06	1.8E-06
49	2.74E-02	3.99E-04	2.6E-02	3.1E-04	1.9E-05	5.9E-05	3.6E-06	1.9E-04	1.9E-05	4.0E-05	4.1E-06	2.5E-07	4.2E-07	7.4E-07	1.2E-06	1.1E-06	1.8E-06
50	2.64E-02	3.87E-04	2.5E-02	3.3E-04	2.0E-05	5.8E-05	3.6E-06	1.8E-04	1.7E-05	4.0E-05	4.0E-06	2.6E-07	4.4E-07	7.6E-07	1.3E-06	1.1E-06	1.9E-06
51	2.55E-02	3.76E-04	2.4E-02	3.6E-04	2.2E-05	5.7E-05	3.5E-06	1.6E-04	1.6E-05	3.9E-05	3.7E-06	2.7E-07	4.6E-07	7.9E-07	1.3E-06	1.2E-06	2.0E-06
52	2.47E-02	3.65E-04	2.4E-02	3.9E-04	2.4E-05	5.5E-05	3.5E-06	1.5E-04	1.5E-05	3.8E-05	3.7E-06	2.9E-07	4.9E-07	8.2E-07	1.4E-06	1.2E-06	2.0E-06
53	2.39E-02	3.54E-04	2.3E-02	4.2E-04	2.6E-05	5.4E-05	3.4E-06	1.4E-04	1.4E-05	3.8E-05	3.8E-06	3.0E-07	5.1E-07	8.5E-07	1.4E-06	1.2E-06	2.1E-06
54	2.32E-02	3.44E-04	2.2E-02	4.7E-04	3.0E-05	5.3E-05	3.3E-06	1.3E-04	1.3E-05	3.8E-05	3.9E-06	3.2E-07	5.4E-07	8.8E-07	1.5E-06	1.3E-06	2.1E-06
55	2.26E-02	3.35E-04	2.1E-02	5.4E-04	3.4E-05	5.1E-05	3.2E-06	1.3E-04	1.2E-05	3.8E-05	4.0E-06	3.4E-07	5.7E-07	9.1E-07	1.5E-06	1.3E-06	2.2E-06
56	3.95E-02	5.49E-04	3.8E-02	1.1E-04	8.3E-06	6.1E-05	3.8E-06	2.5E-04	2.3E-05	4.0E-05	4.5E-06	1.6E-07	2.7E-07	5.1E-07	8.6E-07	7.7E-07	1.3E-06
57	3.87E-02	5.35E-04	3.8E-02	1.2E-04	8.7E-06	6.0E-05	3.6E-06	2.5E-04	2.3E-05	4.2E-05	4.9E-06	1.6E-07	2.7E-07	5.2E-07	8.8E-07	8.0E-07	1.3E-06
58	3.77E-02	5.19E-04	3.7E-02	1.3E-04	9.2E-06	5.8E-05	3.4E-06	2.5E-04	2.3E-05	4.2E-05	4.5E-06	1.7E-07	2.8E-07	5.4E-07	9.0E-07	8.2E-07	1.4E-06
59	3.67E-02	5.04E-04	3.6E-02	1.4E-04	9.8E-06	5.7E-05	3.3E-06	2.4E-04	2.3E-05	4.0E-05	3.9E-06	1.7E-07	2.9E-07	5.5E-07	9.3E-07	8.4E-07	1.4E-06
60	3.56E-02	4.89E-04	3.5E-02	1.4E-04	1.0E-05	5.7E-05	3.3E-06	2.3E-04	2.2E-05	3.7E-05	3.5E-06	1.8E-07	3.0E-07	5.6E-07	9.5E-07	8.7E-07	1.5E-06
61	3.45E-02	4.74E-04	3.4E-02	1.5E-04	1.1E-05	5.7E-05	3.4E-06	2.2E-04	2.1E-05	3.5E-05	3.3E-06	1.8E-07	3.1E-07	5.8E-07	9.8E-07	8.9E-07	1.5E-06
62	3.34E-02	4.60E-04	3.2E-02	1.6E-04	1.2E-05	5.8E-05	3.5E-06	2.1E-04	1.9E-05	3.4E-05	3.2E-06	1.9E-07	3.2E-07	5.9E-07	1.0E-06	9.1E-07	1.5E-06
63	3.23E-02	4.47E-04	3.1E-02	1.8E-04	1.2E-05	5.8E-05	3.5E-06	2.0E-04	1.8E-05	3.4E-05	3.2E-06	2.0E-07	3.3E-07	6.1E-07	1.0E-06	9.4E-07	1.6E-06
64	3.12E-02	4.34E-04	3.0E-02	1.9E-04	1.3E-05	5.8E-05	3.5E-06	2.0E-04	1.8E-05	3.5E-05	3.4E-06	2.0E-07	3.5E-07	6.3E-07	1.1E-06	9.7E-07	1.6E-06
65	3.01E-02	4.22E-04	2.9E-02	2.0E-04	1.3E-05	5.8E-05	3.5E-06	1.9E-04	1.9E-05	3.6E-05	3.6E-06	2.1E-07	3.6E-07	6.5E-07	1.1E-06	9.9E-07	1.7E-06
66	2.90E-02	4.11E-04	2.8E-02	2.1E-04	1.4E-05	5.7E-05	3.5E-06	1.9E-04	1.9E-05	3.7E-05	3.7E-06	2.2E-07	3.7E-07	6.7E-07	1.1E-06	1.0E-06	1.7E-06
67	2.79E-02	3.99E-04	2.7E-02	2.3E-04	1.5E-05	5.6E-05	3.5E-06	1.9E-04	1.9E-05	3.8E-05	3.8E-06	2.3E-07	3.9E-07	6.9E-07	1.2E-06	1.0E-06	1.8E-06
68	2.68E-02	3.89E-04	2.6E-02	2.4E-04	1.6E-05	5.6E-05	3.4E-06	1.8E-04	1.8E-05	3.8E-05	3.9E-06	2.4E-07	4.0E-07	7.1E-07	1.2E-06	1.1E-06	1.8E-06
69	2.59E-02	3.78E-04	2.5E-02	2.6E-04	1.7E-05	5.5E-05	3.4E-06	1.7E-04	1.7E-05	3.8E-05	3.9E-06	2.5E-07	4.2E-07	7.3E-07	1.2E-06	1.1E-06	1.9E-06
70	2.49E-02	3.68E-04	2.4E-02	2.8E-04	1.8E-05	5.4E-05	3.3E-06	1.6E-04	1.6E-05	3.7E-05	3.8E-06	2.6E-07	4.4E-07	7.6E-07	1.3E-06	1.1E-06	1.9E-06
71	2.41E-02	3.58E-04	2.3E-02	3.0E-04	1.9E-05	5.3E-05	3.3E-06	1.5E-04	1.5E-05	3.6E-05	3.5E-06	2.7E-07	4.6E-07	7.8E-07	1.3E-06	1.2E-06	2.0E-06
72	2.33E-02	3.48E-04	2.2E-02	3.2E-04	2.1E-05	5.1E-05	3.2E-06	1.4E-04	1.4E-05	3.6E-05	3.5E-06	2.8E-07	4.8E-07	8.1E-07	1.4E-06	1.2E-06	2.0E-06
73	2.25E-02	3.39E-04	2.2E-02	3.5E-04	2.3E-05	5.0E-05	3.2E-06	1.3E-04	1.3E-05	3.6E-05	3.5E-06	3.0E-07	5.0E-07	8.4E-07	1.4E-06	1.2E-06	2.1E-06
74	2.19E-02	3.30E-04	2.1E-02	3.9E-04	2.5E-05	4.9E-05	3.1E-06	1.2E-04	1.2E-05	3.6E-05	3.6E-06	3.1E-07	5.3E-07	8.7E-07	1.5E-06	1.3E-06	2.1E-06
75	2.13E-02	3.21E-04	2.0E-02	4.3E-04	2.9E-05	4.8E-05	3.0E-06	1.2E-04	1.1E-05	3.6E-05	3.7E-06	3.3E-07	5.6E-07	9.0E-07	1.5E-06	1.3E-06	2.2E-06
76	3.61E-02	5.07E-04	3.5E-02	1.0E-04	7.6E-06	5.6E-05	3.5E-06	2.1E-04	1.9E-05	3.9E-05	4.4E-06	1.6E-07	2.7E-07	5.1E-07	8.5E-07	7.7E-07	1.3E-06
77	3.54E-02	4.96E-04	3.4E-02	1.1E-04	8.0E-06	5.5E-05	3.3E-06	2.1E-04	1.9E-05	4.0E-05	4.6E-06	1.6E-07	2.8E-07	5.2E-07	8.8E-07	8.0E-07	1.3E-06
78	3.46E-02	4.83E-04	3.4E-02	1.1E-04	8.5E-06	5.3E-05	3.1E-06	2.1E-04	1.9E-05	3.9E-05	4.1E-06	1.7E-07	2.9E-07	5.3E-07	9.0E-07	8.2E-07	1.4E-06
79	3.38E-02	4.70E-04	3.3E-02	1.2E-04	8.9E-06	5.2E-05	3.0E-06	2.1E-04	1.9E-05	3.7E-05	3.6E-06	1.7E-07	2.9E-07	5.4E-07	9.2E-07	8.4E-07	1.4E-06
80	3.29E-02	4.57E-04	3.2E-02	1.3E-04	9.4E-06	5.2E-05	3.0E-06	2.0E-04	1.9E-05	3.5E-05	3.3E-06	1.8E-07	3.0E-07	5.6E-07	9.4E-07	8.7E-07	1.5E-06
81	3.20E-02	4.44E-04	3.1E-02	1.4E-04	9.9E-06	5.3E-05	3.1E-06	1.9E-04	1.8E-05	3.3E-05	3.1E-06	1.9E-07	3.1E-07	5.7E-07	9.7E-07	8.9E-07	1.5E-06
82	3.11E-02	4.32E-04	3.0E-02	1.5E-04	1.0E-05	5.3E-05	3.2E-06	1.8E-04	1.7E-05	3.2E-05	3.0E-06	1.9E-07	3.2E-07	5.9E-07	1.0E-06	9.2E-07	1.6E-06

Berkley WTPF

PM2.5 Unmitigated Concentration

Receptor #	Conc.	*Dredging*	*Peir*	*University*		*Seawall*		*Plaza*		*Boatlaunch*		*Haul1*		*Haul2*		*Haul3*	
		Exhaust	*Exhaust*	*Exhaust*	*Fugitive*	*Exhaust*	*Fugitive*	*Exhaust*	*Fugitive*	*Exhaust*	*Fugitive*	*Exhaust*	*Fugitive*	*Exhaust*	*Fugitive*	*Exhaust*	*Fugitive*
1	0.06																
Max (park)	0.28																
Total	0.33																
	Emissions:	1.73E-03	0.05	8.59076E-05	7.15897E-06	8.91E-05	0.00	9.54529E-05	9.55E-06	8.59E-05	9.55E-06	6.65E-07	1.12E-06	2.87E-06	4.85E-06	2.86E-06	4.82E-06
83	3.02E-02	4.20E-04	2.9E-02	1.6E-04	1.1E-05	5.4E-05	3.3E-06	1.7E-04	1.6E-05	3.2E-05	3.0E-06	2.0E-07	3.4E-07	6.1E-07	1.0E-06	9.5E-07	1.6E-06
84	2.92E-02	4.09E-04	2.8E-02	1.6E-04	1.1E-05	5.4E-05	3.3E-06	1.7E-04	1.5E-05	3.3E-05	3.2E-06	2.1E-07	3.5E-07	6.2E-07	1.1E-06	9.7E-07	1.6E-06
85	2.83E-02	3.98E-04	2.7E-02	1.7E-04	1.2E-05	5.4E-05	3.3E-06	1.7E-04	1.5E-05	3.4E-05	3.4E-06	2.1E-07	3.6E-07	6.4E-07	1.1E-06	1.0E-06	1.7E-06
86	2.73E-02	3.88E-04	2.6E-02	1.8E-04	1.3E-05	5.3E-05	3.2E-06	1.6E-04	1.6E-05	3.5E-05	3.5E-06	2.2E-07	3.7E-07	6.6E-07	1.1E-06	1.0E-06	1.7E-06
87	2.64E-02	3.78E-04	2.5E-02	2.0E-04	1.3E-05	5.2E-05	3.2E-06	1.6E-04	1.6E-05	3.5E-05	3.5E-06	2.3E-07	3.9E-07	6.8E-07	1.1E-06	1.1E-06	1.8E-06
88	2.54E-02	3.68E-04	2.5E-02	2.1E-04	1.4E-05	5.2E-05	3.2E-06	1.6E-04	1.6E-05	3.6E-05	3.6E-06	2.4E-07	4.0E-07	7.0E-07	1.2E-06	1.1E-06	1.8E-06
89	2.45E-02	3.59E-04	2.4E-02	2.2E-04	1.5E-05	5.1E-05	3.1E-06	1.5E-04	1.6E-05	3.6E-05	3.7E-06	2.5E-07	4.2E-07	7.2E-07	1.2E-06	1.1E-06	1.9E-06
90	2.36E-02	3.50E-04	2.3E-02	2.4E-04	1.6E-05	5.0E-05	3.1E-06	1.5E-04	1.5E-05	3.5E-05	3.6E-06	2.6E-07	4.4E-07	7.5E-07	1.3E-06	1.2E-06	1.9E-06
91	2.28E-02	3.41E-04	2.2E-02	2.5E-04	1.7E-05	4.9E-05	3.0E-06	1.4E-04	1.4E-05	3.4E-05	3.4E-06	2.7E-07	4.6E-07	7.7E-07	1.3E-06	1.2E-06	2.0E-06
92	2.21E-02	3.32E-04	2.1E-02	2.7E-04	1.9E-05	4.8E-05	3.0E-06	1.3E-04	1.3E-05	3.4E-05	3.2E-06	2.8E-07	4.8E-07	8.0E-07	1.3E-06	1.2E-06	2.1E-06
93	2.13E-02	3.24E-04	2.0E-02	3.0E-04	2.0E-05	4.7E-05	3.0E-06	1.2E-04	1.2E-05	3.3E-05	3.3E-06	3.0E-07	5.0E-07	8.3E-07	1.4E-06	1.3E-06	2.1E-06
94	2.07E-02	3.16E-04	2.0E-02	3.3E-04	2.3E-05	4.6E-05	2.9E-06	1.2E-04	1.1E-05	3.3E-05	3.4E-06	3.1E-07	5.2E-07	8.6E-07	1.4E-06	1.3E-06	2.2E-06
95	2.01E-02	3.08E-04	1.9E-02	3.6E-04	2.6E-05	4.5E-05	2.8E-06	1.1E-04	1.0E-05	3.4E-05	3.5E-06	3.3E-07	5.5E-07	8.9E-07	1.5E-06	1.3E-06	2.2E-06
96	1.96E-02	3.00E-04	1.9E-02	4.1E-04	3.0E-05	4.4E-05	2.7E-06	1.0E-04	9.8E-06	3.4E-05	3.6E-06	3.4E-07	5.8E-07	9.2E-07	1.6E-06	1.4E-06	2.3E-06
97	1.92E-02	2.93E-04	1.8E-02	4.9E-04	3.7E-05	4.3E-05	2.6E-06	9.7E-05	9.2E-06	3.4E-05	3.6E-06	3.6E-07	6.1E-07	9.6E-07	1.6E-06	1.4E-06	2.4E-06
98	3.31E-02	4.71E-04	3.2E-02	9.3E-05	7.1E-06	5.2E-05	3.2E-06	1.8E-04	1.6E-05	3.7E-05	4.3E-06	1.6E-07	2.7E-07	5.0E-07	8.5E-07	7.7E-07	1.3E-06
99	3.25E-02	4.62E-04	3.2E-02	9.9E-05	7.4E-06	5.0E-05	3.0E-06	1.8E-04	1.7E-05	3.8E-05	4.3E-06	1.7E-07	2.8E-07	5.1E-07	8.7E-07	8.0E-07	1.3E-06
100	3.18E-02	4.51E-04	3.1E-02	1.0E-04	7.8E-06	4.9E-05	2.8E-06	1.8E-04	1.7E-05	3.7E-05	3.8E-06	1.7E-07	2.9E-07	5.3E-07	8.9E-07	8.2E-07	1.4E-06
101	3.12E-02	4.40E-04	3.0E-02	1.1E-04	8.2E-06	4.8E-05	2.8E-06	1.8E-04	1.6E-05	3.5E-05	3.4E-06	1.8E-07	3.0E-07	5.4E-07	9.1E-07	8.4E-07	1.4E-06
102	3.05E-02	4.29E-04	3.0E-02	1.2E-04	8.6E-06	4.8E-05	2.8E-06	1.7E-04	1.6E-05	3.3E-05	3.1E-06	1.8E-07	3.1E-07	5.5E-07	9.3E-07	8.7E-07	1.5E-06
103	2.98E-02	4.18E-04	2.9E-02	1.2E-04	9.0E-06	4.9E-05	2.9E-06	1.7E-04	1.6E-05	3.1E-05	2.9E-06	1.9E-07	3.2E-07	5.7E-07	9.6E-07	9.0E-07	1.5E-06
104	2.90E-02	4.07E-04	2.8E-02	1.3E-04	9.5E-06	4.9E-05	2.9E-06	1.6E-04	1.5E-05	3.0E-05	2.8E-06	1.9E-07	3.3E-07	5.8E-07	9.9E-07	9.2E-07	1.6E-06
105	2.83E-02	3.97E-04	2.7E-02	1.4E-04	1.0E-05	5.0E-05	3.0E-06	1.5E-04	1.4E-05	3.0E-05	2.8E-06	2.0E-07	3.4E-07	6.0E-07	1.0E-06	9.5E-07	1.6E-06
106	2.75E-02	3.87E-04	2.7E-02	1.5E-04	1.0E-05	5.0E-05	3.0E-06	1.5E-04	1.3E-05	3.1E-05	3.0E-06	2.1E-07	3.5E-07	6.2E-07	1.0E-06	9.8E-07	1.7E-06
107	2.67E-02	3.77E-04	2.6E-02	1.6E-04	1.1E-05	5.0E-05	3.0E-06	1.4E-04	1.3E-05	3.2E-05	3.2E-06	2.1E-07	3.6E-07	6.3E-07	1.1E-06	1.0E-06	1.7E-06
108	2.58E-02	3.68E-04	2.5E-02	1.6E-04	1.1E-05	4.9E-05	3.0E-06	1.4E-04	1.3E-05	3.3E-05	3.3E-06	2.2E-07	3.8E-07	6.5E-07	1.1E-06	1.0E-06	1.7E-06
109	2.50E-02	3.59E-04	2.4E-02	1.7E-04	1.2E-05	4.9E-05	3.0E-06	1.4E-04	1.3E-05	3.3E-05	3.3E-06	2.3E-07	3.9E-07	6.7E-07	1.1E-06	1.1E-06	1.8E-06
110	2.42E-02	3.50E-04	2.3E-02	1.8E-04	1.3E-05	4.8E-05	2.9E-06	1.4E-04	1.4E-05	3.4E-05	3.4E-06	2.4E-07	4.0E-07	6.9E-07	1.2E-06	1.1E-06	1.9E-06
111	2.33E-02	3.42E-04	2.3E-02	2.0E-04	1.4E-05	4.7E-05	2.9E-06	1.4E-04	1.4E-05	3.4E-05	3.4E-06	2.5E-07	4.2E-07	7.2E-07	1.2E-06	1.1E-06	1.9E-06
112	2.25E-02	3.33E-04	2.2E-02	2.1E-04	1.5E-05	4.6E-05	2.9E-06	1.3E-04	1.4E-05	3.3E-05	3.4E-06	2.6E-07	4.4E-07	7.4E-07	1.2E-06	1.2E-06	2.0E-06
113	2.18E-02	3.25E-04	2.1E-02	2.2E-04	1.6E-05	4.6E-05	2.8E-06	1.3E-04	1.3E-05	3.3E-05	3.2E-06	2.7E-07	4.6E-07	7.6E-07	1.3E-06	1.2E-06	2.0E-06
114	2.10E-02	3.18E-04	2.0E-02	2.4E-04	1.7E-05	4.5E-05	2.8E-06	1.2E-04	1.2E-05	3.2E-05	3.1E-06	2.8E-07	4.8E-07	7.9E-07	1.3E-06	1.2E-06	2.1E-06
115	2.03E-02	3.10E-04	2.0E-02	2.6E-04	1.8E-05	4.4E-05	2.8E-06	1.2E-04	1.2E-05	3.2E-05	3.0E-06	3.0E-07	5.0E-07	8.2E-07	1.4E-06	1.3E-06	2.1E-06
116	1.97E-02	3.03E-04	1.9E-02	2.8E-04	2.0E-05	4.3E-05	2.7E-06	1.1E-04	1.1E-05	3.1E-05	3.1E-06	3.1E-07	5.2E-07	8.5E-07	1.4E-06	1.3E-06	2.2E-06
117	1.91E-02	2.95E-04	1.8E-02	3.1E-04	2.3E-05	4.2E-05	2.6E-06	1.0E-04	1.0E-05	3.2E-05	3.2E-06	3.2E-07	5.5E-07	8.8E-07	1.5E-06	1.3E-06	2.3E-06
118	1.86E-02	2.89E-04	1.8E-02	3.5E-04	2.7E-05	4.1E-05	2.5E-06	9.6E-05	9.3E-06	3.2E-05	3.3E-06	3.4E-07	5.8E-07	9.1E-07	1.5E-06	1.4E-06	2.3E-06
119	1.82E-02	2.82E-04	1.7E-02	4.0E-04	3.2E-05	4.0E-05	2.5E-06	9.1E-05	8.7E-06	3.2E-05	3.4E-06	3.6E-07	6.1E-07	9.5E-07	1.6E-06	1.4E-06	2.4E-06
120	1.78E-02	2.75E-04	1.7E-02	4.8E-04	4.1E-05	3.9E-05	2.4E-06	8.6E-05	8.2E-06	3.1E-05	3.4E-06	3.8E-07	6.4E-07	9.9E-07	1.7E-06	1.5E-06	2.5E-06
121	3.08E-02	4.46E-04	3.0E-02	8.2E-05	6.2E-06	4.9E-05	3.1E-06	1.5E-04	1.3E-05	3.3E-05	3.6E-06	1.6E-07	2.7E-07	4.9E-07	8.2E-07	7.5E-07	1.3E-06
122	3.05E-02	4.39E-04	3.0E-02	8.6E-05	6.5E-06	4.8E-05	3.0E-06	1.6E-04	1.4E-05	3.5E-05	4.1E-06	1.6E-07	2.8E-07	5.0E-07	8.4E-07	7.7E-07	1.3E-06
123	3.00E-02	4.32E-04	2.9E-02	9.1E-05	6.8E-06	4.7E-05	2.8E-06	1.6E-04	1.5E-05	3.6E-05	4.0E-06	1.7E-07	2.9E-07	5.1E-07	8.6E-07	8.0E-07	1.3E-06

Berkley WTPF

PM2.5 Unmitigated Concentration

Receptor #	Conc.	*Dredging*	*Peir*	*University*		*Seawall*		*Plaza*		*Boatlaunch*		*Haul1*		*Haul2*		*Haul3*	
		Exhaust	*Exhaust*	*Exhaust*	*Fugitive*	*Exhaust*	*Fugitive*	*Exhaust*	*Fugitive*	*Exhaust*	*Fugitive*	*Exhaust*	*Fugitive*	*Exhaust*	*Fugitive*	*Exhaust*	*Fugitive*
1	0.06																
Max (park)	0.28																
Total	0.33																
	Emissions:	1.73E-03	0.05	8.59076E-05	7.15897E-06	8.91E-05	0.00	9.54529E-05	9.55E-06	8.59E-05	9.55E-06	6.65E-07	1.12E-06	2.87E-06	4.85E-06	2.86E-06	4.82E-06
124	2.94E-02	4.23E-04	2.9E-02	9.6E-05	7.1E-06	4.5E-05	2.6E-06	1.6E-04	1.4E-05	3.5E-05	3.5E-06	1.7E-07	2.9E-07	5.2E-07	8.8E-07	8.2E-07	1.4E-06
125	2.89E-02	4.14E-04	2.8E-02	1.0E-04	7.5E-06	4.5E-05	2.6E-06	1.5E-04	1.4E-05	3.3E-05	3.1E-06	1.8E-07	3.0E-07	5.3E-07	9.0E-07	8.5E-07	1.4E-06
126	2.83E-02	4.04E-04	2.8E-02	1.1E-04	7.8E-06	4.5E-05	2.6E-06	1.5E-04	1.4E-05	3.1E-05	2.9E-06	1.8E-07	3.1E-07	5.5E-07	9.3E-07	8.7E-07	1.5E-06
127	2.77E-02	3.95E-04	2.7E-02	1.1E-04	8.2E-06	4.5E-05	2.6E-06	1.5E-04	1.4E-05	2.9E-05	2.7E-06	1.9E-07	3.2E-07	5.6E-07	9.5E-07	9.0E-07	1.5E-06
128	2.71E-02	3.85E-04	2.6E-02	1.2E-04	8.6E-06	4.6E-05	2.7E-06	1.4E-04	1.4E-05	2.8E-05	2.7E-06	2.0E-07	3.3E-07	5.8E-07	9.8E-07	9.2E-07	1.6E-06
129	2.65E-02	3.76E-04	2.6E-02	1.3E-04	9.0E-06	4.6E-05	2.8E-06	1.4E-04	1.3E-05	2.8E-05	2.7E-06	2.0E-07	3.4E-07	5.9E-07	1.0E-06	9.5E-07	1.6E-06
130	2.59E-02	3.67E-04	2.5E-02	1.3E-04	9.5E-06	4.6E-05	2.8E-06	1.3E-04	1.2E-05	2.9E-05	2.8E-06	2.1E-07	3.5E-07	6.1E-07	1.0E-06	9.8E-07	1.7E-06
131	2.52E-02	3.58E-04	2.4E-02	1.4E-04	9.9E-06	4.6E-05	2.8E-06	1.3E-04	1.1E-05	3.0E-05	3.0E-06	2.2E-07	3.7E-07	6.3E-07	1.1E-06	1.0E-06	1.7E-06
132	2.45E-02	3.50E-04	2.4E-02	1.5E-04	1.0E-05	4.6E-05	2.8E-06	1.2E-04	1.1E-05	3.1E-05	3.1E-06	2.2E-07	3.8E-07	6.5E-07	1.1E-06	1.0E-06	1.8E-06
133	2.38E-02	3.42E-04	2.3E-02	1.5E-04	1.1E-05	4.5E-05	2.8E-06	1.2E-04	1.1E-05	3.1E-05	3.2E-06	2.3E-07	3.9E-07	6.7E-07	1.1E-06	1.1E-06	1.8E-06
134	2.30E-02	3.34E-04	2.2E-02	1.6E-04	1.2E-05	4.5E-05	2.7E-06	1.2E-04	1.2E-05	3.2E-05	3.2E-06	2.4E-07	4.1E-07	6.9E-07	1.2E-06	1.1E-06	1.9E-06
135	2.23E-02	3.26E-04	2.2E-02	1.7E-04	1.2E-05	4.4E-05	2.7E-06	1.2E-04	1.2E-05	3.2E-05	3.2E-06	2.5E-07	4.2E-07	7.1E-07	1.2E-06	1.1E-06	1.9E-06
136	2.16E-02	3.19E-04	2.1E-02	1.8E-04	1.3E-05	4.3E-05	2.7E-06	1.2E-04	1.2E-05	3.2E-05	3.2E-06	2.6E-07	4.4E-07	7.3E-07	1.2E-06	1.2E-06	2.0E-06
137	2.08E-02	3.11E-04	2.0E-02	2.0E-04	1.4E-05	4.3E-05	2.6E-06	1.2E-04	1.2E-05	3.1E-05	3.1E-06	2.7E-07	4.6E-07	7.6E-07	1.3E-06	1.2E-06	2.0E-06
138	2.02E-02	3.04E-04	1.9E-02	2.1E-04	1.5E-05	4.2E-05	2.6E-06	1.1E-04	1.2E-05	3.0E-05	2.9E-06	2.8E-07	4.8E-07	7.8E-07	1.3E-06	1.2E-06	2.1E-06
139	1.95E-02	2.97E-04	1.9E-02	2.3E-04	1.7E-05	4.1E-05	2.6E-06	1.1E-04	1.1E-05	3.0E-05	2.9E-06	3.0E-07	5.0E-07	8.1E-07	1.4E-06	1.3E-06	2.2E-06
140	1.89E-02	2.91E-04	1.8E-02	2.5E-04	1.8E-05	4.1E-05	2.5E-06	1.0E-04	1.0E-05	3.0E-05	2.9E-06	3.1E-07	5.2E-07	8.4E-07	1.4E-06	1.3E-06	2.2E-06
141	1.83E-02	2.84E-04	1.8E-02	2.7E-04	2.1E-05	4.0E-05	2.5E-06	9.7E-05	9.6E-06	3.0E-05	3.0E-06	3.3E-07	5.5E-07	8.7E-07	1.5E-06	1.4E-06	2.3E-06
142	1.78E-02	2.78E-04	1.7E-02	3.0E-04	2.4E-05	3.9E-05	2.4E-06	9.2E-05	8.9E-06	3.0E-05	3.1E-06	3.4E-07	5.8E-07	9.0E-07	1.5E-06	1.4E-06	2.4E-06
143	1.73E-02	2.71E-04	1.7E-02	3.4E-04	2.8E-05	3.8E-05	2.3E-06	8.6E-05	8.4E-06	3.0E-05	3.2E-06	3.6E-07	6.1E-07	9.4E-07	1.6E-06	1.5E-06	2.5E-06
144	1.69E-02	2.65E-04	1.6E-02	4.0E-04	3.4E-05	3.7E-05	2.3E-06	8.2E-05	7.9E-06	3.0E-05	3.2E-06	3.8E-07	6.4E-07	9.8E-07	1.7E-06	1.5E-06	2.5E-06
145	2.85E-02	4.17E-04	2.8E-02	7.6E-05	5.7E-06	4.6E-05	2.9E-06	1.3E-04	1.2E-05	3.2E-05	3.5E-06	1.6E-07	2.7E-07	4.8E-07	8.1E-07	7.5E-07	1.3E-06
146	2.82E-02	4.11E-04	2.7E-02	8.0E-05	6.0E-06	4.5E-05	2.7E-06	1.4E-04	1.2E-05	3.4E-05	3.9E-06	1.7E-07	2.8E-07	4.9E-07	8.3E-07	7.7E-07	1.3E-06
147	2.78E-02	4.05E-04	2.7E-02	8.4E-05	6.2E-06	4.3E-05	2.5E-06	1.4E-04	1.3E-05	3.4E-05	3.7E-06	1.7E-07	2.9E-07	5.0E-07	8.5E-07	8.0E-07	1.3E-06
148	2.73E-02	3.97E-04	2.7E-02	8.9E-05	6.5E-06	4.2E-05	2.4E-06	1.4E-04	1.3E-05	3.3E-05	3.3E-06	1.8E-07	3.0E-07	5.2E-07	8.7E-07	8.2E-07	1.4E-06
149	2.68E-02	3.90E-04	2.6E-02	9.3E-05	6.8E-06	4.1E-05	2.4E-06	1.4E-04	1.2E-05	3.1E-05	2.9E-06	1.8E-07	3.1E-07	5.3E-07	8.9E-07	8.5E-07	1.4E-06
150	2.63E-02	3.82E-04	2.6E-02	9.8E-05	7.2E-06	4.1E-05	2.4E-06	1.3E-04	1.2E-05	2.9E-05	2.7E-06	1.9E-07	3.2E-07	5.4E-07	9.2E-07	8.7E-07	1.5E-06
151	2.58E-02	3.74E-04	2.5E-02	1.0E-04	7.5E-06	4.2E-05	2.5E-06	1.3E-04	1.3E-05	2.8E-05	2.6E-06	1.9E-07	3.3E-07	5.6E-07	9.4E-07	9.0E-07	1.5E-06
152	2.54E-02	3.66E-04	2.5E-02	1.1E-04	7.8E-06	4.2E-05	2.5E-06	1.3E-04	1.2E-05	2.7E-05	2.5E-06	2.0E-07	3.4E-07	5.7E-07	9.7E-07	9.3E-07	1.6E-06
153	2.49E-02	3.57E-04	2.4E-02	1.1E-04	8.2E-06	4.3E-05	2.6E-06	1.2E-04	1.2E-05	2.7E-05	2.5E-06	2.1E-07	3.5E-07	5.9E-07	9.9E-07	9.6E-07	1.6E-06
154	2.43E-02	3.49E-04	2.4E-02	1.2E-04	8.6E-06	4.3E-05	2.6E-06	1.2E-04	1.1E-05	2.7E-05	2.6E-06	2.1E-07	3.6E-07	6.0E-07	1.0E-06	9.9E-07	1.7E-06
155	2.38E-02	3.42E-04	2.3E-02	1.3E-04	9.0E-06	4.3E-05	2.6E-06	1.1E-04	1.0E-05	2.8E-05	2.8E-06	2.2E-07	3.7E-07	6.2E-07	1.0E-06	1.0E-06	1.7E-06
156	2.32E-02	3.34E-04	2.3E-02	1.3E-04	9.5E-06	4.3E-05	2.6E-06	1.1E-04	9.9E-06	2.9E-05	2.9E-06	2.3E-07	3.8E-07	6.4E-07	1.1E-06	1.0E-06	1.8E-06
157	2.26E-02	3.26E-04	2.2E-02	1.4E-04	9.9E-06	4.2E-05	2.6E-06	1.1E-04	9.9E-06	3.0E-05	3.0E-06	2.4E-07	4.0E-07	6.6E-07	1.1E-06	1.1E-06	1.8E-06
158	2.20E-02	3.19E-04	2.1E-02	1.5E-04	1.0E-05	4.2E-05	2.5E-06	1.1E-04	1.0E-05	3.0E-05	3.0E-06	2.4E-07	4.1E-07	6.8E-07	1.1E-06	1.1E-06	1.9E-06
159	2.13E-02	3.12E-04	2.1E-02	1.5E-04	1.1E-05	4.1E-05	2.5E-06	1.1E-04	1.0E-05	3.0E-05	3.1E-06	2.5E-07	4.3E-07	7.0E-07	1.2E-06	1.1E-06	1.9E-06
160	2.07E-02	3.05E-04	2.0E-02	1.6E-04	1.2E-05	4.1E-05	2.5E-06	1.1E-04	1.0E-05	3.0E-05	3.1E-06	2.6E-07	4.5E-07	7.2E-07	1.2E-06	1.2E-06	2.0E-06
161	2.00E-02	2.99E-04	1.9E-02	1.7E-04	1.3E-05	4.0E-05	2.5E-06	1.1E-04	1.1E-05	3.0E-05	3.0E-06	2.8E-07	4.6E-07	7.5E-07	1.3E-06	1.2E-06	2.1E-06
162	1.94E-02	2.92E-04	1.9E-02	1.9E-04	1.4E-05	4.0E-05	2.5E-06	1.0E-04	1.1E-05	2.9E-05	2.8E-06	2.9E-07	4.8E-07	7.7E-07	1.3E-06	1.3E-06	2.1E-06
163	1.88E-02	2.86E-04	1.8E-02	2.0E-04	1.5E-05	3.9E-05	2.4E-06	1.0E-04	1.0E-05	2.8E-05	2.7E-06	3.0E-07	5.1E-07	8.0E-07	1.4E-06	1.3E-06	2.2E-06
164	1.82E-02	2.79E-04	1.7E-02	2.2E-04	1.7E-05	3.8E-05	2.4E-06	9.7E-05	9.7E-06	2.8E-05	2.7E-06	3.1E-07	5.3E-07	8.3E-07	1.4E-06	1.3E-06	2.3E-06

Berkley WTPF

PM2.5 Unmitigated Concentration

Receptor #	Conc.	*Dredging*	*Peir*	*University*		*Seawall*		*Plaza*		*Boatlaunch*		*Haul1*		*Haul2*		*Haul3*	
		Exhaust	*Exhaust*	*Exhaust*	*Fugitive*	*Exhaust*	*Fugitive*	*Exhaust*	*Fugitive*	*Exhaust*	*Fugitive*	*Exhaust*	*Fugitive*	*Exhaust*	*Fugitive*	*Exhaust*	*Fugitive*
1	0.06																
Max (park)	0.28																
Total	0.33																
	Emissions:	1.73E-03	0.05	8.59076E-05	7.15897E-06	8.91E-05	0.00	9.54529E-05	9.55E-06	8.59E-05	9.55E-06	6.65E-07	1.12E-06	2.87E-06	4.85E-06	2.86E-06	4.82E-06
165	1.76E-02	2.73E-04	1.7E-02	2.4E-04	1.8E-05	3.7E-05	2.3E-06	9.2E-05	9.2E-06	2.8E-05	2.8E-06	3.3E-07	5.5E-07	8.6E-07	1.5E-06	1.4E-06	2.3E-06
166	1.71E-02	2.67E-04	1.6E-02	2.6E-04	2.1E-05	3.7E-05	2.3E-06	8.7E-05	8.6E-06	2.8E-05	2.9E-06	3.4E-07	5.8E-07	8.9E-07	1.5E-06	1.4E-06	2.4E-06
167	1.66E-02	2.62E-04	1.6E-02	2.9E-04	2.4E-05	3.6E-05	2.2E-06	8.3E-05	8.1E-06	2.8E-05	3.0E-06	3.6E-07	6.1E-07	9.3E-07	1.6E-06	1.5E-06	2.5E-06
168	2.64E-02	3.91E-04	2.6E-02	7.1E-05	5.3E-06	4.3E-05	2.7E-06	1.2E-04	1.0E-05	3.1E-05	3.5E-06	1.6E-07	2.8E-07	4.7E-07	8.0E-07	7.5E-07	1.3E-06
169	2.62E-02	3.87E-04	2.5E-02	7.4E-05	5.5E-06	4.2E-05	2.5E-06	1.2E-04	1.1E-05	3.2E-05	3.7E-06	1.7E-07	2.8E-07	4.9E-07	8.2E-07	7.7E-07	1.3E-06
170	2.58E-02	3.81E-04	2.5E-02	7.8E-05	5.7E-06	4.0E-05	2.4E-06	1.2E-04	1.1E-05	3.2E-05	3.5E-06	1.7E-07	2.9E-07	5.0E-07	8.4E-07	7.9E-07	1.3E-06
171	2.54E-02	3.75E-04	2.5E-02	8.2E-05	6.0E-06	3.9E-05	2.2E-06	1.2E-04	1.1E-05	3.1E-05	3.0E-06	1.8E-07	3.0E-07	5.1E-07	8.6E-07	8.2E-07	1.4E-06
172	2.50E-02	3.68E-04	2.4E-02	8.6E-05	6.3E-06	3.9E-05	2.2E-06	1.2E-04	1.1E-05	2.9E-05	2.7E-06	1.8E-07	3.1E-07	5.2E-07	8.8E-07	8.5E-07	1.4E-06
173	2.46E-02	3.61E-04	2.4E-02	9.0E-05	6.6E-06	3.9E-05	2.2E-06	1.2E-04	1.1E-05	2.7E-05	2.6E-06	1.9E-07	3.2E-07	5.4E-07	9.1E-07	8.7E-07	1.5E-06
174	2.42E-02	3.54E-04	2.4E-02	9.5E-05	6.8E-06	3.9E-05	2.3E-06	1.2E-04	1.1E-05	2.6E-05	2.4E-06	1.9E-07	3.3E-07	5.5E-07	9.3E-07	9.0E-07	1.5E-06
175	2.38E-02	3.48E-04	2.3E-02	9.9E-05	7.1E-06	4.0E-05	2.4E-06	1.2E-04	1.1E-05	2.5E-05	2.4E-06	2.0E-07	3.4E-07	5.7E-07	9.5E-07	9.3E-07	1.6E-06
176	2.33E-02	3.40E-04	2.3E-02	1.0E-04	7.5E-06	4.0E-05	2.4E-06	1.1E-04	1.1E-05	2.5E-05	2.4E-06	2.1E-07	3.5E-07	5.8E-07	9.8E-07	9.6E-07	1.6E-06
177	2.29E-02	3.33E-04	2.2E-02	1.1E-04	7.9E-06	4.0E-05	2.4E-06	1.1E-04	1.0E-05	2.6E-05	2.5E-06	2.1E-07	3.6E-07	6.0E-07	1.0E-06	9.9E-07	1.7E-06
178	2.25E-02	3.26E-04	2.2E-02	1.1E-04	8.2E-06	4.0E-05	2.5E-06	1.0E-04	9.3E-06	2.7E-05	2.6E-06	2.2E-07	3.7E-07	6.1E-07	1.0E-06	1.0E-06	1.7E-06
179	2.20E-02	3.19E-04	2.1E-02	1.2E-04	8.6E-06	4.0E-05	2.4E-06	9.8E-05	8.8E-06	2.7E-05	2.8E-06	2.3E-07	3.9E-07	6.3E-07	1.1E-06	1.1E-06	1.8E-06
180	2.15E-02	3.13E-04	2.1E-02	1.3E-04	9.1E-06	4.0E-05	2.4E-06	9.6E-05	8.6E-06	2.8E-05	2.8E-06	2.4E-07	4.0E-07	6.5E-07	1.1E-06	1.1E-06	1.8E-06
181	2.10E-02	3.06E-04	2.0E-02	1.3E-04	9.5E-06	3.9E-05	2.4E-06	9.5E-05	8.7E-06	2.8E-05	2.8E-06	2.5E-07	4.2E-07	6.7E-07	1.1E-06	1.1E-06	1.9E-06
182	2.04E-02	2.99E-04	2.0E-02	1.4E-04	1.0E-05	3.9E-05	2.4E-06	9.5E-05	8.9E-06	2.9E-05	2.9E-06	2.6E-07	4.3E-07	6.9E-07	1.2E-06	1.2E-06	2.0E-06
183	1.98E-02	2.93E-04	1.9E-02	1.5E-04	1.1E-05	3.8E-05	2.3E-06	9.5E-05	9.0E-06	2.9E-05	2.9E-06	2.7E-07	4.5E-07	7.2E-07	1.2E-06	1.2E-06	2.0E-06
184	1.93E-02	2.87E-04	1.9E-02	1.6E-04	1.2E-05	3.8E-05	2.3E-06	9.5E-05	9.2E-06	2.8E-05	2.9E-06	2.8E-07	4.7E-07	7.4E-07	1.2E-06	1.2E-06	2.1E-06
185	1.87E-02	2.81E-04	1.8E-02	1.7E-04	1.2E-05	3.7E-05	2.3E-06	9.4E-05	9.3E-06	2.8E-05	2.7E-06	2.9E-07	4.9E-07	7.7E-07	1.3E-06	1.3E-06	2.1E-06
186	1.81E-02	2.75E-04	1.7E-02	1.8E-04	1.4E-05	3.7E-05	2.3E-06	9.3E-05	9.4E-06	2.7E-05	2.6E-06	3.0E-07	5.1E-07	7.9E-07	1.3E-06	1.3E-06	2.2E-06
187	1.75E-02	2.69E-04	1.7E-02	1.9E-04	1.5E-05	3.6E-05	2.3E-06	9.0E-05	9.2E-06	2.7E-05	2.6E-06	3.2E-07	5.3E-07	8.2E-07	1.4E-06	1.4E-06	2.3E-06
188	1.70E-02	2.64E-04	1.6E-02	2.1E-04	1.7E-05	3.5E-05	2.2E-06	8.7E-05	8.8E-06	2.7E-05	2.6E-06	3.3E-07	5.6E-07	8.5E-07	1.4E-06	1.4E-06	2.4E-06
189	1.65E-02	2.58E-04	1.6E-02	2.3E-04	1.9E-05	3.5E-05	2.2E-06	8.3E-05	8.3E-06	2.7E-05	2.7E-06	3.5E-07	5.8E-07	8.8E-07	1.5E-06	1.4E-06	2.4E-06
190	1.59E-02	2.52E-04	1.5E-02	2.5E-04	2.1E-05	3.4E-05	2.1E-06	7.9E-05	7.8E-06	2.7E-05	2.8E-06	3.7E-07	6.2E-07	9.2E-07	1.6E-06	1.5E-06	2.5E-06
191	2.47E-02	3.70E-04	2.4E-02	6.6E-05	4.9E-06	4.0E-05	2.5E-06	1.0E-04	9.1E-06	3.0E-05	3.4E-06	1.6E-07	2.8E-07	4.7E-07	7.9E-07	7.5E-07	1.3E-06
192	2.44E-02	3.65E-04	2.4E-02	6.9E-05	5.1E-06	3.9E-05	2.3E-06	1.1E-04	9.5E-06	3.1E-05	3.5E-06	1.7E-07	2.8E-07	4.8E-07	8.1E-07	7.7E-07	1.3E-06
193	2.41E-02	3.60E-04	2.3E-02	7.3E-05	5.3E-06	3.7E-05	2.2E-06	1.1E-04	1.0E-05	3.0E-05	3.2E-06	1.7E-07	2.9E-07	4.9E-07	8.3E-07	7.9E-07	1.3E-06
194	2.37E-02	3.54E-04	2.3E-02	7.6E-05	5.5E-06	3.6E-05	2.1E-06	1.1E-04	1.0E-05	2.9E-05	2.8E-06	1.8E-07	3.0E-07	5.0E-07	8.5E-07	8.2E-07	1.4E-06
195	2.34E-02	3.49E-04	2.3E-02	8.0E-05	5.8E-06	3.6E-05	2.1E-06	1.1E-04	9.9E-06	2.7E-05	2.6E-06	1.8E-07	3.1E-07	5.2E-07	8.7E-07	8.4E-07	1.4E-06
196	2.30E-02	3.43E-04	2.2E-02	8.3E-05	6.0E-06	3.6E-05	2.1E-06	1.1E-04	9.7E-06	2.6E-05	2.4E-06	1.9E-07	3.2E-07	5.3E-07	8.9E-07	8.7E-07	1.5E-06
197	2.27E-02	3.37E-04	2.2E-02	8.7E-05	6.3E-06	3.6E-05	2.1E-06	1.1E-04	9.7E-06	2.5E-05	2.3E-06	1.9E-07	3.3E-07	5.4E-07	9.2E-07	9.0E-07	1.5E-06
198	2.23E-02	3.31E-04	2.2E-02	9.1E-05	6.6E-06	3.7E-05	2.2E-06	1.0E-04	9.9E-06	2.4E-05	2.2E-06	2.0E-07	3.4E-07	5.6E-07	9.4E-07	9.3E-07	1.6E-06
199	2.20E-02	3.25E-04	2.1E-02	9.5E-05	6.9E-06	3.7E-05	2.3E-06	1.0E-04	9.9E-06	2.4E-05	2.3E-06	2.1E-07	3.5E-07	5.7E-07	9.7E-07	9.6E-07	1.6E-06
200	2.16E-02	3.19E-04	2.1E-02	1.0E-04	7.2E-06	3.8E-05	2.3E-06	9.8E-05	9.4E-06	2.4E-05	2.4E-06	2.2E-07	3.6E-07	5.9E-07	1.0E-06	9.9E-07	1.7E-06
201	2.00E-02	2.94E-04	1.9E-02	1.2E-04	8.8E-06	3.7E-05	2.2E-06	8.5E-05	7.7E-06	2.7E-05	2.7E-06	2.5E-07	4.2E-07	6.6E-07	1.1E-06	1.1E-06	1.9E-06
202	1.95E-02	2.88E-04	1.9E-02	1.3E-04	9.3E-06	3.7E-05	2.2E-06	8.4E-05	7.8E-06	2.7E-05	2.7E-06	2.6E-07	4.4E-07	6.9E-07	1.2E-06	1.2E-06	2.0E-06
203	1.91E-02	2.82E-04	1.8E-02	1.3E-04	9.9E-06	3.6E-05	2.2E-06	8.4E-05	7.9E-06	2.7E-05	2.8E-06	2.7E-07	4.5E-07	7.1E-07	1.2E-06	1.2E-06	2.0E-06
204	1.85E-02	2.77E-04	1.8E-02	1.4E-04	1.1E-05	3.6E-05	2.2E-06	8.5E-05	8.0E-06	2.7E-05	2.7E-06	2.8E-07	4.7E-07	7.3E-07	1.2E-06	1.2E-06	2.1E-06
205	1.80E-02	2.71E-04	1.7E-02	1.5E-04	1.1E-05	3.5E-05	2.2E-06	8.5E-05	8.2E-06	2.6E-05	2.6E-06	2.9E-07	4.9E-07	7.6E-07	1.3E-06	1.3E-06	2.2E-06

Berkley WTPF

PM2.5 Unmitigated Concentration

Receptor #	Conc.	*Dredging*	*Peir*	*University*		*Seawall*		*Plaza*		*Boatlaunch*		*Haul1*		*Haul2*		*Haul3*	
		Exhaust	*Exhaust*	*Exhaust*	*Fugitive*	*Exhaust*	*Fugitive*	*Exhaust*	*Fugitive*	*Exhaust*	*Fugitive*	*Exhaust*	*Fugitive*	*Exhaust*	*Fugitive*	*Exhaust*	*Fugitive*
1	0.06																
Max (park)	0.28																
Total	0.33																
	Emissions:	1.73E-03	0.05	8.59076E-05	7.15897E-06	8.91E-05	0.00	9.54529E-05	9.55E-06	8.59E-05	9.55E-06	6.65E-07	1.12E-06	2.87E-06	4.85E-06	2.86E-06	4.82E-06
206	1.75E-02	2.65E-04	1.7E-02	1.6E-04	1.2E-05	3.5E-05	2.2E-06	8.4E-05	8.3E-06	2.6E-05	2.5E-06	3.0E-07	5.1E-07	7.8E-07	1.3E-06	1.3E-06	2.2E-06
207	1.70E-02	2.60E-04	1.6E-02	1.7E-04	1.3E-05	3.4E-05	2.1E-06	8.3E-05	8.4E-06	2.5E-05	2.4E-06	3.2E-07	5.4E-07	8.1E-07	1.4E-06	1.4E-06	2.3E-06
208	1.65E-02	2.55E-04	1.6E-02	1.8E-04	1.5E-05	3.4E-05	2.1E-06	8.1E-05	8.3E-06	2.5E-05	2.5E-06	3.3E-07	5.6E-07	8.4E-07	1.4E-06	1.4E-06	2.4E-06
209	1.60E-02	2.50E-04	1.5E-02	2.0E-04	1.7E-05	3.3E-05	2.1E-06	7.9E-05	7.9E-06	2.5E-05	2.5E-06	3.5E-07	5.9E-07	8.7E-07	1.5E-06	1.5E-06	2.5E-06
210	1.54E-02	2.43E-04	1.5E-02	2.2E-04	1.8E-05	3.2E-05	2.0E-06	7.5E-05	7.5E-06	2.5E-05	2.6E-06	3.7E-07	6.2E-07	9.1E-07	1.5E-06	1.5E-06	2.6E-06
211	2.31E-02	3.51E-04	2.3E-02	6.2E-05	4.6E-06	3.8E-05	2.3E-06	9.4E-05	8.1E-06	2.9E-05	3.3E-06	1.6E-07	2.7E-07	4.6E-07	7.8E-07	7.4E-07	1.3E-06
212	2.28E-02	3.46E-04	2.2E-02	6.5E-05	4.7E-06	3.6E-05	2.2E-06	9.6E-05	8.5E-06	2.9E-05	3.3E-06	1.7E-07	2.8E-07	4.7E-07	8.0E-07	7.7E-07	1.3E-06
213	2.25E-02	3.41E-04	2.2E-02	6.8E-05	4.9E-06	3.5E-05	2.0E-06	9.8E-05	8.9E-06	2.9E-05	3.0E-06	1.7E-07	2.9E-07	4.8E-07	8.2E-07	7.9E-07	1.3E-06
214	2.22E-02	3.36E-04	2.2E-02	7.1E-05	5.1E-06	3.4E-05	2.0E-06	9.9E-05	9.1E-06	2.7E-05	2.7E-06	1.8E-07	3.0E-07	5.0E-07	8.4E-07	8.2E-07	1.4E-06
215	2.19E-02	3.31E-04	2.1E-02	7.4E-05	5.3E-06	3.4E-05	1.9E-06	9.8E-05	9.0E-06	2.6E-05	2.4E-06	1.8E-07	3.1E-07	5.1E-07	8.6E-07	8.4E-07	1.4E-06
216	2.16E-02	3.26E-04	2.1E-02	7.7E-05	5.6E-06	3.4E-05	2.0E-06	9.6E-05	8.7E-06	2.4E-05	2.3E-06	1.9E-07	3.2E-07	5.2E-07	8.8E-07	8.7E-07	1.5E-06
217	2.13E-02	3.21E-04	2.1E-02	8.1E-05	5.8E-06	3.4E-05	2.0E-06	9.5E-05	8.6E-06	2.3E-05	2.2E-06	1.9E-07	3.3E-07	5.4E-07	9.1E-07	9.0E-07	1.5E-06
218	2.10E-02	3.15E-04	2.0E-02	8.4E-05	6.0E-06	3.5E-05	2.1E-06	9.4E-05	8.8E-06	2.3E-05	2.1E-06	2.0E-07	3.4E-07	5.5E-07	9.3E-07	9.3E-07	1.6E-06
219	2.07E-02	3.10E-04	2.0E-02	8.8E-05	6.3E-06	3.5E-05	2.1E-06	9.3E-05	8.9E-06	2.3E-05	2.1E-06	2.1E-07	3.5E-07	5.7E-07	9.6E-07	9.6E-07	1.6E-06
220	1.83E-02	2.72E-04	1.8E-02	1.2E-04	9.1E-06	3.4E-05	2.1E-06	7.5E-05	7.0E-06	2.6E-05	2.6E-06	2.7E-07	4.5E-07	7.0E-07	1.2E-06	1.2E-06	2.0E-06
221	1.78E-02	2.67E-04	1.7E-02	1.3E-04	9.7E-06	3.4E-05	2.0E-06	7.6E-05	7.1E-06	2.6E-05	2.6E-06	2.8E-07	4.7E-07	7.2E-07	1.2E-06	1.3E-06	2.1E-06
222	1.74E-02	2.62E-04	1.7E-02	1.4E-04	1.0E-05	3.3E-05	2.0E-06	7.6E-05	7.2E-06	2.5E-05	2.5E-06	2.9E-07	4.9E-07	7.5E-07	1.3E-06	1.3E-06	2.2E-06
223	1.69E-02	2.57E-04	1.6E-02	1.4E-04	1.1E-05	3.3E-05	2.0E-06	7.6E-05	7.3E-06	2.5E-05	2.4E-06	3.0E-07	5.1E-07	7.7E-07	1.3E-06	1.3E-06	2.3E-06
224	1.64E-02	2.52E-04	1.6E-02	1.5E-04	1.2E-05	3.2E-05	2.0E-06	7.6E-05	7.5E-06	2.4E-05	2.3E-06	3.2E-07	5.4E-07	8.0E-07	1.4E-06	1.4E-06	2.3E-06
225	1.60E-02	2.47E-04	1.5E-02	1.6E-04	1.3E-05	3.2E-05	2.0E-06	7.5E-05	7.6E-06	2.4E-05	2.3E-06	3.3E-07	5.6E-07	8.3E-07	1.4E-06	1.4E-06	2.4E-06
226	1.55E-02	2.42E-04	1.5E-02	1.8E-04	1.5E-05	3.1E-05	2.0E-06	7.4E-05	7.5E-06	2.4E-05	2.4E-06	3.5E-07	5.9E-07	8.6E-07	1.5E-06	1.5E-06	2.5E-06
227	2.18E-02	3.37E-04	2.1E-02	5.6E-05	4.1E-06	3.6E-05	2.3E-06	8.4E-05	7.2E-06	2.6E-05	2.9E-06	1.6E-07	2.6E-07	4.5E-07	7.5E-07	7.2E-07	1.2E-06
228	2.16E-02	3.33E-04	2.1E-02	5.8E-05	4.3E-06	3.5E-05	2.2E-06	8.4E-05	7.3E-06	2.8E-05	3.2E-06	1.6E-07	2.7E-07	4.6E-07	7.7E-07	7.4E-07	1.3E-06
229	2.14E-02	3.29E-04	2.1E-02	6.1E-05	4.4E-06	3.4E-05	2.0E-06	8.6E-05	7.7E-06	2.8E-05	3.2E-06	1.7E-07	2.8E-07	4.7E-07	7.9E-07	7.6E-07	1.3E-06
230	2.11E-02	3.24E-04	2.1E-02	6.3E-05	4.6E-06	3.3E-05	1.9E-06	8.8E-05	8.0E-06	2.7E-05	2.8E-06	1.7E-07	2.9E-07	4.8E-07	8.1E-07	7.9E-07	1.3E-06
231	2.09E-02	3.19E-04	2.0E-02	6.6E-05	4.8E-06	3.2E-05	1.8E-06	8.9E-05	8.2E-06	2.6E-05	2.5E-06	1.8E-07	3.0E-07	4.9E-07	8.3E-07	8.1E-07	1.4E-06
232	2.06E-02	3.15E-04	2.0E-02	6.9E-05	5.0E-06	3.2E-05	1.8E-06	8.9E-05	8.2E-06	2.4E-05	2.3E-06	1.8E-07	3.1E-07	5.0E-07	8.5E-07	8.4E-07	1.4E-06
233	2.03E-02	3.10E-04	2.0E-02	7.2E-05	5.2E-06	3.2E-05	1.8E-06	8.7E-05	7.9E-06	2.3E-05	2.2E-06	1.9E-07	3.2E-07	5.2E-07	8.7E-07	8.7E-07	1.5E-06
234	2.00E-02	3.06E-04	1.9E-02	7.5E-05	5.4E-06	3.2E-05	1.9E-06	8.6E-05	7.7E-06	2.2E-05	2.1E-06	1.9E-07	3.3E-07	5.3E-07	8.9E-07	9.0E-07	1.5E-06
235	1.98E-02	3.01E-04	1.9E-02	7.8E-05	5.6E-06	3.3E-05	1.9E-06	8.5E-05	7.9E-06	2.2E-05	2.0E-06	2.0E-07	3.4E-07	5.4E-07	9.2E-07	9.3E-07	1.6E-06
236	1.95E-02	2.97E-04	1.9E-02	8.1E-05	5.9E-06	3.3E-05	2.0E-06	8.5E-05	8.1E-06	2.2E-05	2.0E-06	2.1E-07	3.5E-07	5.6E-07	9.4E-07	9.6E-07	1.6E-06
237	1.79E-02	2.68E-04	1.7E-02	1.1E-04	7.9E-06	3.3E-05	2.0E-06	6.8E-05	6.1E-06	2.5E-05	2.4E-06	2.6E-07	4.3E-07	6.7E-07	1.1E-06	1.2E-06	2.0E-06
238	1.75E-02	2.63E-04	1.7E-02	1.1E-04	8.4E-06	3.2E-05	1.9E-06	6.8E-05	6.2E-06	2.5E-05	2.5E-06	2.7E-07	4.5E-07	6.9E-07	1.2E-06	1.2E-06	2.1E-06
239	1.72E-02	2.58E-04	1.7E-02	1.2E-04	8.9E-06	3.2E-05	1.9E-06	6.8E-05	6.3E-06	2.5E-05	2.5E-06	2.8E-07	4.7E-07	7.1E-07	1.2E-06	1.3E-06	2.1E-06
240	1.68E-02	2.53E-04	1.6E-02	1.2E-04	9.6E-06	3.1E-05	1.9E-06	6.8E-05	6.4E-06	2.4E-05	2.4E-06	2.9E-07	4.9E-07	7.4E-07	1.2E-06	1.3E-06	2.2E-06
241	1.64E-02	2.48E-04	1.6E-02	1.3E-04	1.0E-05	3.1E-05	1.9E-06	6.9E-05	6.5E-06	2.4E-05	2.3E-06	3.0E-07	5.1E-07	7.6E-07	1.3E-06	1.4E-06	2.3E-06
242	1.59E-02	2.44E-04	1.5E-02	1.4E-04	1.1E-05	3.1E-05	1.9E-06	6.9E-05	6.6E-06	2.3E-05	2.2E-06	3.2E-07	5.3E-07	7.9E-07	1.3E-06	1.4E-06	2.4E-06
243	1.55E-02	2.39E-04	1.5E-02	1.5E-04	1.2E-05	3.0E-05	1.9E-06	6.9E-05	6.7E-06	2.3E-05	2.2E-06	3.3E-07	5.6E-07	8.2E-07	1.4E-06	1.5E-06	2.5E-06
244	1.50E-02	2.34E-04	1.4E-02	1.6E-04	1.3E-05	3.0E-05	1.9E-06	6.8E-05	6.9E-06	2.3E-05	2.2E-06	3.5E-07	5.9E-07	8.5E-07	1.4E-06	1.5E-06	2.5E-06
245	2.01E-02	3.13E-04	2.0E-02	5.7E-05	4.2E-06	3.2E-05	1.9E-06	7.8E-05	6.9E-06	2.7E-05	3.0E-06	1.6E-07	2.8E-07	4.6E-07	7.8E-07	7.6E-07	1.3E-06
246	1.99E-02	3.09E-04	1.9E-02	5.9E-05	4.3E-06	3.1E-05	1.8E-06	8.0E-05	7.2E-06	2.6E-05	2.6E-06	1.7E-07	2.8E-07	4.7E-07	8.0E-07	7.9E-07	1.3E-06

Berkley WTPF

PM2.5 Unmitigated Concentration

Receptor #	Conc.	*Dredging*	*Peir*	*University*		*Seawall*		*Plaza*		*Boatlaunch*		*Haul1*		*Haul2*		*Haul3*	
		Exhaust	*Exhaust*	*Exhaust*	*Fugitive*	*Exhaust*	*Fugitive*	*Exhaust*	*Fugitive*	*Exhaust*	*Fugitive*	*Exhaust*	*Fugitive*	*Exhaust*	*Fugitive*	*Exhaust*	*Fugitive*
1	0.06																
Max (park)	0.28																
Total	0.33																
	Emissions:	1.73E-03	0.05	8.59076E-05	7.15897E-06	8.91E-05	0.00	9.54529E-05	9.55E-06	8.59E-05	9.55E-06	6.65E-07	1.12E-06	2.87E-06	4.85E-06	2.86E-06	4.82E-06
247	1.96E-02	3.04E-04	1.9E-02	6.2E-05	4.5E-06	3.0E-05	1.7E-06	8.1E-05	7.4E-06	2.4E-05	2.3E-06	1.7E-07	2.9E-07	4.8E-07	8.2E-07	8.1E-07	1.4E-06
248	1.94E-02	3.00E-04	1.9E-02	6.4E-05	4.6E-06	3.0E-05	1.7E-06	8.1E-05	7.4E-06	2.3E-05	2.2E-06	1.8E-07	3.0E-07	5.0E-07	8.4E-07	8.4E-07	1.4E-06
249	1.92E-02	2.96E-04	1.9E-02	6.7E-05	4.8E-06	3.0E-05	1.7E-06	8.0E-05	7.2E-06	2.2E-05	2.1E-06	1.8E-07	3.1E-07	5.1E-07	8.6E-07	8.7E-07	1.5E-06
250	1.89E-02	2.92E-04	1.8E-02	7.0E-05	5.0E-06	3.0E-05	1.8E-06	7.8E-05	7.0E-06	2.1E-05	2.0E-06	1.9E-07	3.2E-07	5.2E-07	8.8E-07	9.0E-07	1.5E-06
251	1.87E-02	2.88E-04	1.8E-02	7.2E-05	5.3E-06	3.1E-05	1.8E-06	7.8E-05	7.1E-06	2.1E-05	1.9E-06	2.0E-07	3.3E-07	5.4E-07	9.1E-07	9.3E-07	1.6E-06
252	1.84E-02	2.84E-04	1.8E-02	7.5E-05	5.5E-06	3.1E-05	1.9E-06	7.7E-05	7.2E-06	2.1E-05	1.9E-06	2.0E-07	3.4E-07	5.5E-07	9.3E-07	9.6E-07	1.6E-06
253	1.71E-02	2.58E-04	1.7E-02	9.8E-05	7.4E-06	3.1E-05	1.9E-06	6.3E-05	5.5E-06	2.3E-05	2.3E-06	2.5E-07	4.3E-07	6.6E-07	1.1E-06	1.2E-06	2.0E-06
254	1.68E-02	2.54E-04	1.6E-02	1.0E-04	7.8E-06	3.0E-05	1.8E-06	6.2E-05	5.5E-06	2.4E-05	2.4E-06	2.6E-07	4.4E-07	6.8E-07	1.1E-06	1.2E-06	2.1E-06
255	1.65E-02	2.50E-04	1.6E-02	1.1E-04	8.3E-06	3.0E-05	1.8E-06	6.2E-05	5.6E-06	2.4E-05	2.4E-06	2.7E-07	4.6E-07	7.0E-07	1.2E-06	1.3E-06	2.1E-06
256	1.62E-02	2.45E-04	1.6E-02	1.1E-04	8.8E-06	3.0E-05	1.8E-06	6.2E-05	5.7E-06	2.3E-05	2.3E-06	2.8E-07	4.8E-07	7.3E-07	1.2E-06	1.3E-06	2.2E-06
257	1.58E-02	2.41E-04	1.5E-02	1.2E-04	9.4E-06	3.0E-05	1.8E-06	6.2E-05	5.8E-06	2.3E-05	2.2E-06	3.0E-07	5.0E-07	7.5E-07	1.3E-06	1.4E-06	2.3E-06
258	1.54E-02	2.37E-04	1.5E-02	1.3E-04	1.0E-05	2.9E-05	1.8E-06	6.2E-05	5.9E-06	2.2E-05	2.1E-06	3.1E-07	5.2E-07	7.8E-07	1.3E-06	1.4E-06	2.4E-06
259	1.50E-02	2.32E-04	1.5E-02	1.3E-04	1.1E-05	2.9E-05	1.8E-06	6.3E-05	6.0E-06	2.2E-05	2.1E-06	3.3E-07	5.5E-07	8.1E-07	1.4E-06	1.5E-06	2.5E-06
260	1.79E-02	2.80E-04	1.7E-02	6.5E-05	4.7E-06	2.8E-05	1.7E-06	7.2E-05	6.4E-06	2.0E-05	1.9E-06	1.9E-07	3.1E-07	5.2E-07	8.7E-07	8.9E-07	1.5E-06
261	1.77E-02	2.76E-04	1.7E-02	6.8E-05	4.9E-06	2.9E-05	1.7E-06	7.1E-05	6.4E-06	2.0E-05	1.8E-06	1.9E-07	3.3E-07	5.3E-07	8.9E-07	9.2E-07	1.6E-06
262	1.65E-02	2.54E-04	1.6E-02	8.7E-05	6.6E-06	3.0E-05	1.8E-06	6.0E-05	5.5E-06	2.2E-05	2.2E-06	2.4E-07	4.0E-07	6.3E-07	1.1E-06	1.1E-06	1.9E-06
263	1.63E-02	2.50E-04	1.6E-02	9.0E-05	6.9E-06	2.9E-05	1.8E-06	5.8E-05	5.1E-06	2.2E-05	2.2E-06	2.5E-07	4.2E-07	6.5E-07	1.1E-06	1.2E-06	2.0E-06
264	1.61E-02	2.46E-04	1.6E-02	9.4E-05	7.3E-06	2.9E-05	1.7E-06	5.7E-05	5.0E-06	2.3E-05	2.2E-06	2.6E-07	4.3E-07	6.7E-07	1.1E-06	1.2E-06	2.1E-06
265	1.58E-02	2.42E-04	1.5E-02	9.9E-05	7.7E-06	2.9E-05	1.7E-06	5.6E-05	5.0E-06	2.3E-05	2.3E-06	2.7E-07	4.5E-07	6.9E-07	1.2E-06	1.3E-06	2.2E-06
266	1.55E-02	2.38E-04	1.5E-02	1.0E-04	8.1E-06	2.8E-05	1.7E-06	5.6E-05	5.1E-06	2.2E-05	2.3E-06	2.8E-07	4.7E-07	7.2E-07	1.2E-06	1.3E-06	2.2E-06
267	1.53E-02	2.34E-04	1.5E-02	1.1E-04	8.6E-06	2.8E-05	1.7E-06	5.6E-05	5.2E-06	2.2E-05	2.2E-06	2.9E-07	4.9E-07	7.4E-07	1.3E-06	1.4E-06	2.3E-06
268	1.49E-02	2.30E-04	1.4E-02	1.1E-04	9.1E-06	2.8E-05	1.7E-06	5.7E-05	5.3E-06	2.1E-05	2.0E-06	3.0E-07	5.1E-07	7.7E-07	1.3E-06	1.4E-06	2.4E-06
269	1.46E-02	2.25E-04	1.4E-02	1.2E-04	9.7E-06	2.7E-05	1.7E-06	5.7E-05	5.3E-06	2.1E-05	2.0E-06	3.2E-07	5.4E-07	8.0E-07	1.3E-06	1.5E-06	2.5E-06
270	1.57E-02	2.45E-04	1.5E-02	8.1E-05	6.2E-06	2.8E-05	1.7E-06	5.7E-05	5.3E-06	2.1E-05	2.1E-06	2.3E-07	3.9E-07	6.2E-07	1.1E-06	1.1E-06	1.9E-06
271	1.55E-02	2.41E-04	1.5E-02	8.4E-05	6.5E-06	2.8E-05	1.7E-06	5.4E-05	4.8E-06	2.1E-05	2.1E-06	2.4E-07	4.1E-07	6.4E-07	1.1E-06	1.2E-06	2.0E-06
272	1.54E-02	2.38E-04	1.5E-02	8.7E-05	6.8E-06	2.8E-05	1.7E-06	5.3E-05	4.6E-06	2.2E-05	2.1E-06	2.5E-07	4.2E-07	6.6E-07	1.1E-06	1.2E-06	2.1E-06
273	1.52E-02	2.34E-04	1.5E-02	9.1E-05	7.2E-06	2.7E-05	1.6E-06	5.2E-05	4.6E-06	2.2E-05	2.2E-06	2.6E-07	4.4E-07	6.8E-07	1.2E-06	1.3E-06	2.2E-06
274	1.49E-02	2.31E-04	1.4E-02	9.5E-05	7.6E-06	2.7E-05	1.6E-06	5.1E-05	4.6E-06	2.1E-05	2.2E-06	2.7E-07	4.6E-07	7.1E-07	1.2E-06	1.3E-06	2.2E-06
275	1.47E-02	2.27E-04	1.4E-02	1.0E-04	8.0E-06	2.7E-05	1.6E-06	5.1E-05	4.7E-06	2.1E-05	2.1E-06	2.8E-07	4.8E-07	7.3E-07	1.2E-06	1.4E-06	2.3E-06
276	1.44E-02	2.23E-04	1.4E-02	1.0E-04	8.4E-06	2.6E-05	1.6E-06	5.2E-05	4.8E-06	2.0E-05	2.0E-06	3.0E-07	5.0E-07	7.6E-07	1.3E-06	1.4E-06	2.4E-06
277	1.74E-02	2.85E-04	1.7E-02	4.0E-05	3.0E-06	2.9E-05	1.8E-06	6.8E-05	6.4E-06	1.8E-05	1.5E-06	1.3E-07	2.3E-07	3.9E-07	6.7E-07	6.4E-07	1.1E-06
278	1.73E-02	2.83E-04	1.7E-02	4.2E-05	3.1E-06	3.0E-05	1.9E-06	6.4E-05	5.7E-06	2.0E-05	1.9E-06	1.4E-07	2.3E-07	4.0E-07	6.8E-07	6.6E-07	1.1E-06
279	1.72E-02	2.81E-04	1.7E-02	4.4E-05	3.2E-06	3.0E-05	1.9E-06	6.0E-05	5.2E-06	2.2E-05	2.4E-06	1.4E-07	2.4E-07	4.1E-07	7.0E-07	6.8E-07	1.1E-06
280	1.71E-02	2.78E-04	1.7E-02	4.5E-05	3.3E-06	2.9E-05	1.8E-06	5.8E-05	4.9E-06	2.3E-05	2.7E-06	1.5E-07	2.5E-07	4.2E-07	7.1E-07	7.0E-07	1.2E-06
281	1.70E-02	2.76E-04	1.7E-02	4.7E-05	3.4E-06	2.8E-05	1.7E-06	5.8E-05	5.0E-06	2.4E-05	2.7E-06	1.5E-07	2.5E-07	4.3E-07	7.3E-07	7.2E-07	1.2E-06
282	1.51E-02	2.40E-04	1.5E-02	7.2E-05	5.6E-06	2.7E-05	1.6E-06	5.7E-05	5.5E-06	2.0E-05	2.0E-06	2.2E-07	3.7E-07	6.0E-07	1.0E-06	1.1E-06	1.9E-06
283	1.50E-02	2.37E-04	1.5E-02	7.5E-05	5.9E-06	2.7E-05	1.6E-06	5.4E-05	5.1E-06	2.0E-05	2.0E-06	2.3E-07	3.8E-07	6.1E-07	1.0E-06	1.1E-06	1.9E-06
284	1.48E-02	2.33E-04	1.4E-02	7.8E-05	6.1E-06	2.7E-05	1.6E-06	5.1E-05	4.7E-06	2.0E-05	2.0E-06	2.4E-07	4.0E-07	6.3E-07	1.1E-06	1.2E-06	2.0E-06
285	1.47E-02	2.30E-04	1.4E-02	8.1E-05	6.4E-06	2.6E-05	1.6E-06	4.9E-05	4.3E-06	2.1E-05	2.0E-06	2.4E-07	4.1E-07	6.5E-07	1.1E-06	1.2E-06	2.1E-06
286	1.45E-02	2.27E-04	1.4E-02	8.5E-05	6.7E-06	2.6E-05	1.6E-06	4.8E-05	4.2E-06	2.1E-05	2.1E-06	2.5E-07	4.3E-07	6.7E-07	1.1E-06	1.3E-06	2.2E-06
287	1.44E-02	2.24E-04	1.4E-02	8.8E-05	7.0E-06	2.6E-05	1.5E-06	4.7E-05	4.2E-06	2.1E-05	2.1E-06	2.6E-07	4.5E-07	7.0E-07	1.2E-06	1.3E-06	2.2E-06

Berkley WTPF

PM2.5 Unmitigated Concentration

Receptor #	Conc.	*Dredging*	*Peir*	*University*		*Seawall*		*Plaza*		*Boatlaunch*		*Haul1*		*Haul2*		*Haul3*	
		Exhaust	*Exhaust*	*Exhaust*	*Fugitive*	*Exhaust*	*Fugitive*	*Exhaust*	*Fugitive*	*Exhaust*	*Fugitive*	*Exhaust*	*Fugitive*	*Exhaust*	*Fugitive*	*Exhaust*	*Fugitive*
1	0.06																
Max (park)	0.28																
Total	0.33																
	Emissions:	1.73E-03	0.05	8.59076E-05	7.15897E-06	8.91E-05	0.00	9.54529E-05	9.55E-06	8.59E-05	9.55E-06	6.65E-07	1.12E-06	2.87E-06	4.85E-06	2.86E-06	4.82E-06
288	1.42E-02	2.21E-04	1.4E-02	9.2E-05	7.4E-06	2.5E-05	1.5E-06	4.7E-05	4.2E-06	2.0E-05	2.0E-06	2.8E-07	4.7E-07	7.2E-07	1.2E-06	1.4E-06	2.3E-06
289	1.39E-02	2.17E-04	1.3E-02	9.6E-05	7.7E-06	2.5E-05	1.5E-06	4.7E-05	4.4E-06	2.0E-05	1.9E-06	2.9E-07	4.9E-07	7.5E-07	1.3E-06	1.4E-06	2.4E-06
290	1.66E-02	2.74E-04	1.6E-02	3.7E-05	2.8E-06	2.6E-05	1.6E-06	6.4E-05	6.4E-06	1.6E-05	1.3E-06	1.3E-07	2.2E-07	3.8E-07	6.4E-07	6.2E-07	1.0E-06
291	1.65E-02	2.73E-04	1.6E-02	3.9E-05	2.9E-06	2.8E-05	1.8E-06	6.2E-05	5.9E-06	1.7E-05	1.5E-06	1.3E-07	2.2E-07	3.9E-07	6.6E-07	6.3E-07	1.1E-06
292	1.64E-02	2.71E-04	1.6E-02	4.0E-05	3.0E-06	2.9E-05	1.9E-06	5.9E-05	5.2E-06	1.9E-05	1.9E-06	1.3E-07	2.3E-07	4.0E-07	6.7E-07	6.5E-07	1.1E-06
293	1.63E-02	2.69E-04	1.6E-02	4.2E-05	3.1E-06	2.8E-05	1.8E-06	5.5E-05	4.7E-06	2.1E-05	2.4E-06	1.4E-07	2.3E-07	4.1E-07	6.9E-07	6.7E-07	1.1E-06
294	1.62E-02	2.67E-04	1.6E-02	4.3E-05	3.2E-06	2.8E-05	1.7E-06	5.4E-05	4.5E-06	2.2E-05	2.6E-06	1.4E-07	2.4E-07	4.2E-07	7.0E-07	7.0E-07	1.2E-06
295	1.61E-02	2.64E-04	1.6E-02	4.5E-05	3.3E-06	2.7E-05	1.6E-06	5.4E-05	4.6E-06	2.3E-05	2.6E-06	1.5E-07	2.5E-07	4.3E-07	7.2E-07	7.2E-07	1.2E-06
296	1.60E-02	2.62E-04	1.6E-02	4.6E-05	3.4E-06	2.5E-05	1.5E-06	5.5E-05	4.8E-06	2.2E-05	2.3E-06	1.5E-07	2.5E-07	4.4E-07	7.4E-07	7.4E-07	1.3E-06
297	1.58E-02	2.59E-04	1.5E-02	4.7E-05	3.5E-06	2.4E-05	1.4E-06	5.6E-05	5.1E-06	2.1E-05	2.1E-06	1.5E-07	2.6E-07	4.5E-07	7.6E-07	7.7E-07	1.3E-06
298	1.57E-02	2.56E-04	1.5E-02	4.9E-05	3.6E-06	2.4E-05	1.4E-06	5.8E-05	5.2E-06	2.0E-05	1.9E-06	1.6E-07	2.7E-07	4.6E-07	7.7E-07	7.9E-07	1.3E-06
299	1.55E-02	2.53E-04	1.5E-02	5.1E-05	3.8E-06	2.4E-05	1.4E-06	5.8E-05	5.3E-06	1.9E-05	1.8E-06	1.6E-07	2.8E-07	4.7E-07	7.9E-07	8.2E-07	1.4E-06
300	1.54E-02	2.50E-04	1.5E-02	5.3E-05	3.9E-06	2.4E-05	1.4E-06	5.8E-05	5.3E-06	1.8E-05	1.7E-06	1.7E-07	2.8E-07	4.8E-07	8.1E-07	8.5E-07	1.4E-06
301	1.44E-02	2.31E-04	1.4E-02	6.8E-05	5.3E-06	2.6E-05	1.6E-06	5.3E-05	5.2E-06	1.9E-05	1.9E-06	2.1E-07	3.6E-07	5.9E-07	9.9E-07	1.1E-06	1.9E-06
302	1.43E-02	2.29E-04	1.4E-02	7.0E-05	5.5E-06	2.6E-05	1.5E-06	5.1E-05	4.9E-06	1.9E-05	2.0E-06	2.2E-07	3.7E-07	6.1E-07	1.0E-06	1.1E-06	1.9E-06
303	1.42E-02	2.26E-04	1.4E-02	7.3E-05	5.8E-06	2.5E-05	1.5E-06	4.9E-05	4.5E-06	2.0E-05	1.9E-06	2.3E-07	3.9E-07	6.2E-07	1.1E-06	1.2E-06	2.0E-06
304	1.40E-02	2.23E-04	1.4E-02	7.6E-05	6.1E-06	2.5E-05	1.5E-06	4.7E-05	4.2E-06	2.0E-05	1.9E-06	2.4E-07	4.0E-07	6.4E-07	1.1E-06	1.2E-06	2.1E-06
305	1.39E-02	2.20E-04	1.4E-02	7.9E-05	6.3E-06	2.5E-05	1.5E-06	4.5E-05	3.9E-06	2.0E-05	2.0E-06	2.5E-07	4.2E-07	6.7E-07	1.1E-06	1.3E-06	2.2E-06
306	1.38E-02	2.17E-04	1.3E-02	8.2E-05	6.6E-06	2.4E-05	1.5E-06	4.4E-05	3.8E-06	2.0E-05	2.0E-06	2.6E-07	4.3E-07	6.9E-07	1.2E-06	1.3E-06	2.2E-06
307	1.36E-02	2.14E-04	1.3E-02	8.5E-05	6.8E-06	2.4E-05	1.5E-06	4.3E-05	3.9E-06	1.9E-05	2.0E-06	2.7E-07	4.5E-07	7.1E-07	1.2E-06	1.4E-06	2.3E-06
308	1.57E-02	2.63E-04	1.5E-02	3.6E-05	2.7E-06	2.5E-05	1.6E-06	6.0E-05	5.9E-06	1.5E-05	1.3E-06	1.3E-07	2.1E-07	3.8E-07	6.4E-07	6.1E-07	1.0E-06
309	1.56E-02	2.62E-04	1.5E-02	3.7E-05	2.8E-06	2.7E-05	1.7E-06	5.8E-05	5.3E-06	1.7E-05	1.6E-06	1.3E-07	2.2E-07	3.8E-07	6.5E-07	6.3E-07	1.1E-06
310	1.56E-02	2.60E-04	1.5E-02	3.8E-05	2.9E-06	2.7E-05	1.8E-06	5.4E-05	4.7E-06	1.9E-05	2.0E-06	1.3E-07	2.2E-07	3.9E-07	6.6E-07	6.5E-07	1.1E-06
311	1.55E-02	2.58E-04	1.5E-02	4.0E-05	3.0E-06	2.7E-05	1.7E-06	5.1E-05	4.4E-06	2.1E-05	2.3E-06	1.4E-07	2.3E-07	4.0E-07	6.8E-07	6.7E-07	1.1E-06
312	1.54E-02	2.56E-04	1.5E-02	4.1E-05	3.1E-06	2.6E-05	1.6E-06	5.0E-05	4.2E-06	2.2E-05	2.5E-06	1.4E-07	2.3E-07	4.1E-07	6.9E-07	6.9E-07	1.2E-06
313	1.53E-02	2.54E-04	1.5E-02	4.2E-05	3.2E-06	2.5E-05	1.5E-06	5.0E-05	4.2E-06	2.2E-05	2.4E-06	1.4E-07	2.4E-07	4.2E-07	7.1E-07	7.1E-07	1.2E-06
314	1.52E-02	2.51E-04	1.5E-02	4.4E-05	3.3E-06	2.4E-05	1.4E-06	5.1E-05	4.5E-06	2.1E-05	2.2E-06	1.5E-07	2.5E-07	4.3E-07	7.3E-07	7.4E-07	1.2E-06
315	1.50E-02	2.49E-04	1.5E-02	4.5E-05	3.4E-06	2.3E-05	1.3E-06	5.2E-05	4.7E-06	2.0E-05	1.9E-06	1.5E-07	2.5E-07	4.4E-07	7.5E-07	7.6E-07	1.3E-06
316	1.49E-02	2.46E-04	1.4E-02	4.7E-05	3.5E-06	2.3E-05	1.3E-06	5.3E-05	4.8E-06	1.9E-05	1.8E-06	1.6E-07	2.6E-07	4.5E-07	7.6E-07	7.9E-07	1.3E-06
317	1.48E-02	2.44E-04	1.4E-02	4.8E-05	3.6E-06	2.3E-05	1.3E-06	5.4E-05	4.9E-06	1.8E-05	1.7E-06	1.6E-07	2.7E-07	4.6E-07	7.8E-07	8.1E-07	1.4E-06
318	1.46E-02	2.41E-04	1.4E-02	5.0E-05	3.8E-06	2.3E-05	1.3E-06	5.4E-05	4.9E-06	1.7E-05	1.6E-06	1.6E-07	2.8E-07	4.8E-07	8.1E-07	8.4E-07	1.4E-06
319	1.45E-02	2.39E-04	1.4E-02	5.2E-05	3.9E-06	2.3E-05	1.3E-06	5.3E-05	4.8E-06	1.7E-05	1.6E-06	1.7E-07	2.9E-07	4.9E-07	8.3E-07	8.7E-07	1.5E-06
320	1.44E-02	2.36E-04	1.4E-02	5.3E-05	4.1E-06	2.3E-05	1.4E-06	5.2E-05	4.6E-06	1.6E-05	1.5E-06	1.8E-07	3.0E-07	5.0E-07	8.5E-07	9.0E-07	1.5E-06
321	1.42E-02	2.33E-04	1.4E-02	5.5E-05	4.3E-06	2.4E-05	1.4E-06	5.1E-05	4.5E-06	1.6E-05	1.5E-06	1.8E-07	3.1E-07	5.2E-07	8.7E-07	9.4E-07	1.6E-06
322	1.41E-02	2.31E-04	1.4E-02	5.7E-05	4.4E-06	2.4E-05	1.5E-06	5.1E-05	4.6E-06	1.7E-05	1.6E-06	1.9E-07	3.2E-07	5.3E-07	9.0E-07	9.7E-07	1.6E-06
323	1.37E-02	2.24E-04	1.3E-02	6.4E-05	5.0E-06	2.5E-05	1.5E-06	5.0E-05	4.8E-06	1.8E-05	1.8E-06	2.1E-07	3.5E-07	5.8E-07	9.8E-07	1.1E-06	1.8E-06
324	1.36E-02	2.21E-04	1.3E-02	6.6E-05	5.2E-06	2.4E-05	1.5E-06	4.9E-05	4.7E-06	1.8E-05	1.9E-06	2.1E-07	3.6E-07	6.0E-07	1.0E-06	1.1E-06	1.9E-06
325	1.35E-02	2.19E-04	1.3E-02	6.8E-05	5.5E-06	2.4E-05	1.5E-06	4.7E-05	4.4E-06	1.9E-05	1.9E-06	2.2E-07	3.8E-07	6.2E-07	1.0E-06	1.2E-06	2.0E-06
326	1.34E-02	2.16E-04	1.3E-02	7.1E-05	5.7E-06	2.4E-05	1.4E-06	4.4E-05	4.0E-06	1.9E-05	1.9E-06	2.3E-07	3.9E-07	6.4E-07	1.1E-06	1.2E-06	2.1E-06
327	1.33E-02	2.14E-04	1.3E-02	7.3E-05	5.9E-06	2.4E-05	1.4E-06	4.2E-05	3.7E-06	1.9E-05	1.9E-06	2.4E-07	4.1E-07	6.6E-07	1.1E-06	1.3E-06	2.2E-06
328	1.32E-02	2.11E-04	1.3E-02	7.6E-05	6.1E-06	2.3E-05	1.4E-06	4.1E-05	3.6E-06	1.9E-05	1.9E-06	2.5E-07	4.2E-07	6.8E-07	1.1E-06	1.3E-06	2.2E-06

Berkley WTPF

PM2.5 Unmitigated Concentration

Receptor #	Conc.	*Dredging*	*Peir*	*University*		*Seawall*		*Plaza*		*Boatlaunch*		*Haul1*		*Haul2*		*Haul3*	
		Exhaust	*Exhaust*	*Exhaust*	*Fugitive*	*Exhaust*	*Fugitive*	*Exhaust*	*Fugitive*	*Exhaust*	*Fugitive*	*Exhaust*	*Fugitive*	*Exhaust*	*Fugitive*	*Exhaust*	*Fugitive*
1	0.06																
Max (park)	0.28																
Total	0.33																
	Emissions:	1.73E-03	0.05	8.59076E-05	7.15897E-06	8.91E-05	0.00	9.54529E-05	9.55E-06	8.59E-05	9.55E-06	6.65E-07	1.12E-06	2.87E-06	4.85E-06	2.86E-06	4.82E-06
329	1.31E-02	2.08E-04	1.3E-02	7.9E-05	6.3E-06	2.3E-05	1.4E-06	4.0E-05	3.5E-06	1.9E-05	1.9E-06	2.6E-07	4.4E-07	7.0E-07	1.2E-06	1.4E-06	2.3E-06
330	1.49E-02	2.53E-04	1.5E-02	3.4E-05	2.6E-06	2.5E-05	1.6E-06	5.6E-05	5.5E-06	1.5E-05	1.3E-06	1.2E-07	2.1E-07	3.7E-07	6.3E-07	6.1E-07	1.0E-06
331	1.49E-02	2.52E-04	1.4E-02	3.6E-05	2.7E-06	2.6E-05	1.7E-06	5.3E-05	4.9E-06	1.7E-05	1.6E-06	1.3E-07	2.1E-07	3.8E-07	6.4E-07	6.2E-07	1.1E-06
332	1.48E-02	2.50E-04	1.4E-02	3.7E-05	2.8E-06	2.6E-05	1.7E-06	5.0E-05	4.4E-06	1.9E-05	2.0E-06	1.3E-07	2.2E-07	3.9E-07	6.6E-07	6.4E-07	1.1E-06
333	1.47E-02	2.48E-04	1.4E-02	3.8E-05	2.9E-06	2.6E-05	1.6E-06	4.7E-05	4.0E-06	2.0E-05	2.3E-06	1.3E-07	2.2E-07	4.0E-07	6.7E-07	6.6E-07	1.1E-06
334	1.46E-02	2.46E-04	1.4E-02	3.9E-05	3.0E-06	2.5E-05	1.5E-06	4.6E-05	3.9E-06	2.1E-05	2.4E-06	1.4E-07	2.3E-07	4.1E-07	6.9E-07	6.8E-07	1.2E-06
335	1.45E-02	2.44E-04	1.4E-02	4.1E-05	3.1E-06	2.4E-05	1.4E-06	4.6E-05	3.9E-06	2.1E-05	2.3E-06	1.4E-07	2.4E-07	4.2E-07	7.0E-07	7.1E-07	1.2E-06
336	1.44E-02	2.42E-04	1.4E-02	4.2E-05	3.1E-06	2.3E-05	1.3E-06	4.7E-05	4.1E-06	2.0E-05	2.1E-06	1.4E-07	2.4E-07	4.3E-07	7.2E-07	7.3E-07	1.2E-06
337	1.43E-02	2.40E-04	1.4E-02	4.3E-05	3.3E-06	2.2E-05	1.3E-06	4.8E-05	4.3E-06	1.9E-05	1.8E-06	1.5E-07	2.5E-07	4.4E-07	7.4E-07	7.5E-07	1.3E-06
338	1.42E-02	2.37E-04	1.4E-02	4.4E-05	3.4E-06	2.2E-05	1.2E-06	5.0E-05	4.5E-06	1.8E-05	1.7E-06	1.5E-07	2.6E-07	4.5E-07	7.6E-07	7.8E-07	1.3E-06
339	1.41E-02	2.35E-04	1.4E-02	4.6E-05	3.5E-06	2.1E-05	1.2E-06	5.0E-05	4.6E-06	1.7E-05	1.6E-06	1.6E-07	2.6E-07	4.6E-07	7.8E-07	8.1E-07	1.4E-06
340	1.39E-02	2.32E-04	1.4E-02	4.7E-05	3.6E-06	2.2E-05	1.2E-06	5.0E-05	4.6E-06	1.7E-05	1.5E-06	1.6E-07	2.7E-07	4.7E-07	8.0E-07	8.4E-07	1.4E-06
341	1.38E-02	2.30E-04	1.3E-02	4.9E-05	3.8E-06	2.2E-05	1.3E-06	5.0E-05	4.5E-06	1.6E-05	1.5E-06	1.7E-07	2.8E-07	4.8E-07	8.2E-07	8.7E-07	1.5E-06
342	1.37E-02	2.28E-04	1.3E-02	5.1E-05	3.9E-06	2.2E-05	1.3E-06	4.9E-05	4.3E-06	1.6E-05	1.5E-06	1.7E-07	2.9E-07	5.0E-07	8.4E-07	9.0E-07	1.5E-06
343	1.36E-02	2.25E-04	1.3E-02	5.2E-05	4.1E-06	2.3E-05	1.4E-06	4.8E-05	4.2E-06	1.6E-05	1.5E-06	1.8E-07	3.0E-07	5.1E-07	8.6E-07	9.3E-07	1.6E-06
344	1.34E-02	2.23E-04	1.3E-02	5.4E-05	4.2E-06	2.3E-05	1.4E-06	4.7E-05	4.2E-06	1.6E-05	1.5E-06	1.8E-07	3.1E-07	5.3E-07	8.9E-07	9.7E-07	1.6E-06
345	1.33E-02	2.21E-04	1.3E-02	5.6E-05	4.4E-06	2.3E-05	1.4E-06	4.7E-05	4.4E-06	1.6E-05	1.6E-06	1.9E-07	3.2E-07	5.4E-07	9.1E-07	1.0E-06	1.7E-06
346	1.32E-02	2.18E-04	1.3E-02	5.8E-05	4.5E-06	2.3E-05	1.4E-06	4.8E-05	4.5E-06	1.7E-05	1.7E-06	2.0E-07	3.3E-07	5.6E-07	9.4E-07	1.0E-06	1.8E-06
347	1.31E-02	2.16E-04	1.3E-02	6.0E-05	4.7E-06	2.3E-05	1.4E-06	4.7E-05	4.5E-06	1.7E-05	1.8E-06	2.0E-07	3.4E-07	5.7E-07	9.7E-07	1.1E-06	1.8E-06
348	1.30E-02	2.14E-04	1.3E-02	6.2E-05	4.9E-06	2.3E-05	1.4E-06	4.6E-05	4.5E-06	1.8E-05	1.8E-06	2.1E-07	3.5E-07	5.9E-07	1.0E-06	1.1E-06	1.9E-06
349	1.29E-02	2.12E-04	1.3E-02	6.4E-05	5.1E-06	2.3E-05	1.4E-06	4.4E-05	4.3E-06	1.8E-05	1.8E-06	2.2E-07	3.7E-07	6.1E-07	1.0E-06	1.2E-06	2.0E-06
350	1.28E-02	2.10E-04	1.2E-02	6.6E-05	5.3E-06	2.3E-05	1.4E-06	4.2E-05	3.9E-06	1.8E-05	1.8E-06	2.3E-07	3.8E-07	6.3E-07	1.1E-06	1.2E-06	2.1E-06
351	1.27E-02	2.07E-04	1.2E-02	6.8E-05	5.5E-06	2.3E-05	1.4E-06	4.0E-05	3.6E-06	1.8E-05	1.8E-06	2.3E-07	4.0E-07	6.5E-07	1.1E-06	1.3E-06	2.2E-06
352	1.26E-02	2.05E-04	1.2E-02	7.1E-05	5.7E-06	2.2E-05	1.3E-06	3.9E-05	3.4E-06	1.8E-05	1.9E-06	2.4E-07	4.1E-07	6.7E-07	1.1E-06	1.3E-06	2.2E-06
353	1.42E-02	2.43E-04	1.4E-02	3.3E-05	2.5E-06	2.4E-05	1.5E-06	5.2E-05	5.0E-06	1.5E-05	1.3E-06	1.2E-07	2.0E-07	3.7E-07	6.2E-07	6.0E-07	1.0E-06
354	1.41E-02	2.42E-04	1.4E-02	3.4E-05	2.6E-06	2.5E-05	1.6E-06	4.9E-05	4.5E-06	1.7E-05	1.6E-06	1.2E-07	2.1E-07	3.8E-07	6.3E-07	6.2E-07	1.0E-06
355	1.41E-02	2.41E-04	1.4E-02	3.5E-05	2.7E-06	2.5E-05	1.6E-06	4.6E-05	4.0E-06	1.8E-05	2.0E-06	1.3E-07	2.1E-07	3.8E-07	6.5E-07	6.4E-07	1.1E-06
356	1.40E-02	2.39E-04	1.4E-02	3.7E-05	2.8E-06	2.5E-05	1.6E-06	4.4E-05	3.7E-06	2.0E-05	2.3E-06	1.3E-07	2.2E-07	3.9E-07	6.6E-07	6.6E-07	1.1E-06
357	1.39E-02	2.37E-04	1.4E-02	3.8E-05	2.9E-06	2.4E-05	1.5E-06	4.3E-05	3.6E-06	2.0E-05	2.3E-06	1.3E-07	2.2E-07	4.0E-07	6.8E-07	6.8E-07	1.1E-06
358	1.38E-02	2.35E-04	1.3E-02	3.9E-05	2.9E-06	2.3E-05	1.3E-06	4.3E-05	3.6E-06	2.0E-05	2.2E-06	1.4E-07	2.3E-07	4.1E-07	6.9E-07	7.0E-07	1.2E-06
359	1.37E-02	2.33E-04	1.3E-02	4.0E-05	3.0E-06	2.2E-05	1.2E-06	4.4E-05	3.8E-06	1.9E-05	2.0E-06	1.4E-07	2.4E-07	4.2E-07	7.1E-07	7.2E-07	1.2E-06
360	1.36E-02	2.31E-04	1.3E-02	4.1E-05	3.1E-06	2.1E-05	1.2E-06	4.5E-05	4.0E-06	1.8E-05	1.7E-06	1.4E-07	2.4E-07	4.3E-07	7.3E-07	7.5E-07	1.3E-06
361	1.35E-02	2.29E-04	1.3E-02	4.2E-05	3.2E-06	2.1E-05	1.2E-06	4.6E-05	4.2E-06	1.7E-05	1.6E-06	1.5E-07	2.5E-07	4.4E-07	7.5E-07	7.7E-07	1.3E-06
362	1.34E-02	2.27E-04	1.3E-02	4.4E-05	3.4E-06	2.0E-05	1.2E-06	4.7E-05	4.2E-06	1.6E-05	1.5E-06	1.5E-07	2.6E-07	4.5E-07	7.7E-07	8.0E-07	1.3E-06
363	1.33E-02	2.24E-04	1.3E-02	4.5E-05	3.5E-06	2.1E-05	1.2E-06	4.7E-05	4.3E-06	1.6E-05	1.5E-06	1.6E-07	2.7E-07	4.7E-07	7.9E-07	8.3E-07	1.4E-06
364	1.32E-02	2.22E-04	1.3E-02	4.6E-05	3.6E-06	2.1E-05	1.2E-06	4.7E-05	4.3E-06	1.5E-05	1.4E-06	1.6E-07	2.7E-07	4.8E-07	8.1E-07	8.6E-07	1.4E-06
365	1.31E-02	2.20E-04	1.3E-02	4.8E-05	3.7E-06	2.1E-05	1.3E-06	4.6E-05	4.1E-06	1.5E-05	1.4E-06	1.7E-07	2.8E-07	4.9E-07	8.3E-07	8.9E-07	1.5E-06
366	1.30E-02	2.18E-04	1.3E-02	5.0E-05	3.9E-06	2.2E-05	1.3E-06	4.5E-05	3.9E-06	1.5E-05	1.4E-06	1.7E-07	2.9E-07	5.1E-07	8.5E-07	9.2E-07	1.6E-06
367	1.28E-02	2.16E-04	1.2E-02	5.1E-05	4.0E-06	2.2E-05	1.3E-06	4.4E-05	3.9E-06	1.5E-05	1.5E-06	1.8E-07	3.0E-07	5.2E-07	8.8E-07	9.6E-07	1.6E-06
368	1.27E-02	2.14E-04	1.2E-02	5.3E-05	4.2E-06	2.2E-05	1.3E-06	4.4E-05	4.0E-06	1.6E-05	1.5E-06	1.8E-07	3.1E-07	5.3E-07	9.0E-07	9.9E-07	1.7E-06
369	1.26E-02	2.11E-04	1.2E-02	5.5E-05	4.3E-06	2.2E-05	1.4E-06	4.4E-05	4.1E-06	1.6E-05	1.6E-06	1.9E-07	3.2E-07	5.5E-07	9.3E-07	1.0E-06	1.7E-06

Berkley WTPF

PM2.5 Unmitigated Concentration

Receptor #	Conc.	*Dredging*	*Peir*	*University*		*Seawall*		*Plaza*		*Boatlaunch*		*Haul1*		*Haul2*		*Haul3*	
		Exhaust	*Exhaust*	*Exhaust*	*Fugitive*	*Exhaust*	*Fugitive*	*Exhaust*	*Fugitive*	*Exhaust*	*Fugitive*	*Exhaust*	*Fugitive*	*Exhaust*	*Fugitive*	*Exhaust*	*Fugitive*
1	0.06																
Max (park)	0.28																
Total	0.33																
	Emissions:	1.73E-03	0.05	8.59076E-05	7.15897E-06	8.91E-05	0.00	9.54529E-05	9.55E-06	8.59E-05	9.55E-06	6.65E-07	1.12E-06	2.87E-06	4.85E-06	2.86E-06	4.82E-06
370	1.25E-02	2.09E-04	1.2E-02	5.6E-05	4.5E-06	2.2E-05	1.4E-06	4.4E-05	4.2E-06	1.7E-05	1.7E-06	2.0E-07	3.3E-07	5.7E-07	9.6E-07	1.1E-06	1.8E-06
371	1.24E-02	2.07E-04	1.2E-02	5.8E-05	4.7E-06	2.2E-05	1.4E-06	4.4E-05	4.2E-06	1.7E-05	1.7E-06	2.0E-07	3.5E-07	5.8E-07	9.9E-07	1.1E-06	1.9E-06
372	1.24E-02	2.05E-04	1.2E-02	6.0E-05	4.8E-06	2.2E-05	1.3E-06	4.2E-05	4.1E-06	1.7E-05	1.7E-06	2.1E-07	3.6E-07	6.0E-07	1.0E-06	1.2E-06	2.0E-06
373	1.35E-02	2.33E-04	1.3E-02	3.3E-05	2.5E-06	2.4E-05	1.6E-06	4.6E-05	4.1E-06	1.6E-05	1.6E-06	1.2E-07	2.0E-07	3.7E-07	6.3E-07	6.1E-07	1.0E-06
374	1.34E-02	2.32E-04	1.3E-02	3.4E-05	2.6E-06	2.4E-05	1.6E-06	4.3E-05	3.7E-06	1.8E-05	2.0E-06	1.2E-07	2.1E-07	3.8E-07	6.4E-07	6.3E-07	1.1E-06
375	1.33E-02	2.30E-04	1.3E-02	3.5E-05	2.7E-06	2.3E-05	1.5E-06	4.1E-05	3.5E-06	1.9E-05	2.2E-06	1.3E-07	2.1E-07	3.9E-07	6.6E-07	6.5E-07	1.1E-06
376	1.33E-02	2.29E-04	1.3E-02	3.6E-05	2.8E-06	2.3E-05	1.4E-06	4.0E-05	3.4E-06	2.0E-05	2.3E-06	1.3E-07	2.2E-07	4.0E-07	6.7E-07	6.7E-07	1.1E-06
377	1.32E-02	2.27E-04	1.3E-02	3.7E-05	2.8E-06	2.2E-05	1.3E-06	4.0E-05	3.4E-06	1.9E-05	2.1E-06	1.3E-07	2.3E-07	4.1E-07	6.9E-07	6.9E-07	1.2E-06
378	1.31E-02	2.25E-04	1.3E-02	3.8E-05	2.9E-06	2.1E-05	1.2E-06	4.1E-05	3.6E-06	1.9E-05	1.8E-06	1.4E-07	2.3E-07	4.2E-07	7.0E-07	7.2E-07	1.2E-06
379	1.30E-02	2.23E-04	1.3E-02	3.9E-05	3.0E-06	2.0E-05	1.1E-06	4.2E-05	3.8E-06	1.8E-05	1.7E-06	1.4E-07	2.4E-07	4.3E-07	7.2E-07	7.4E-07	1.2E-06
380	1.29E-02	2.21E-04	1.3E-02	4.0E-05	3.1E-06	2.0E-05	1.1E-06	4.3E-05	3.9E-06	1.7E-05	1.5E-06	1.5E-07	2.5E-07	4.4E-07	7.4E-07	7.6E-07	1.3E-06
381	1.28E-02	2.19E-04	1.2E-02	4.2E-05	3.2E-06	1.9E-05	1.1E-06	4.4E-05	4.0E-06	1.6E-05	1.5E-06	1.5E-07	2.5E-07	4.5E-07	7.6E-07	7.9E-07	1.3E-06
382	1.27E-02	2.17E-04	1.2E-02	4.3E-05	3.3E-06	2.0E-05	1.1E-06	4.4E-05	4.0E-06	1.5E-05	1.4E-06	1.5E-07	2.6E-07	4.6E-07	7.8E-07	8.2E-07	1.4E-06
383	1.26E-02	2.15E-04	1.2E-02	4.4E-05	3.5E-06	2.0E-05	1.2E-06	4.4E-05	4.0E-06	1.5E-05	1.4E-06	1.6E-07	2.7E-07	4.7E-07	8.0E-07	8.5E-07	1.4E-06
384	1.25E-02	2.13E-04	1.2E-02	4.6E-05	3.6E-06	2.0E-05	1.2E-06	4.3E-05	3.9E-06	1.5E-05	1.4E-06	1.6E-07	2.8E-07	4.9E-07	8.2E-07	8.8E-07	1.5E-06
385	1.24E-02	2.11E-04	1.2E-02	4.7E-05	3.7E-06	2.1E-05	1.2E-06	4.2E-05	3.7E-06	1.5E-05	1.4E-06	1.7E-07	2.9E-07	5.0E-07	8.4E-07	9.1E-07	1.5E-06
386	1.23E-02	2.09E-04	1.2E-02	4.9E-05	3.8E-06	2.1E-05	1.3E-06	4.2E-05	3.6E-06	1.5E-05	1.4E-06	1.7E-07	2.9E-07	5.1E-07	8.7E-07	9.5E-07	1.6E-06
387	1.22E-02	2.07E-04	1.2E-02	5.0E-05	4.0E-06	2.1E-05	1.3E-06	4.1E-05	3.7E-06	1.5E-05	1.5E-06	1.8E-07	3.0E-07	5.3E-07	8.9E-07	9.8E-07	1.7E-06
388	1.21E-02	2.05E-04	1.2E-02	5.2E-05	4.1E-06	2.1E-05	1.3E-06	4.1E-05	3.8E-06	1.6E-05	1.6E-06	1.9E-07	3.1E-07	5.4E-07	9.2E-07	1.0E-06	1.7E-06
389	1.29E-02	2.25E-04	1.3E-02	3.2E-05	2.4E-06	2.3E-05	1.5E-06	4.3E-05	3.8E-06	1.6E-05	1.7E-06	1.2E-07	2.0E-07	3.7E-07	6.2E-07	6.1E-07	1.0E-06
390	1.28E-02	2.23E-04	1.2E-02	3.3E-05	2.5E-06	2.3E-05	1.5E-06	4.0E-05	3.5E-06	1.8E-05	2.0E-06	1.2E-07	2.1E-07	3.8E-07	6.4E-07	6.3E-07	1.1E-06
391	1.27E-02	2.22E-04	1.2E-02	3.4E-05	2.6E-06	2.2E-05	1.4E-06	3.8E-05	3.3E-06	1.9E-05	2.2E-06	1.2E-07	2.1E-07	3.9E-07	6.5E-07	6.5E-07	1.1E-06
392	1.27E-02	2.21E-04	1.2E-02	3.5E-05	2.7E-06	2.1E-05	1.3E-06	3.7E-05	3.2E-06	1.9E-05	2.2E-06	1.3E-07	2.2E-07	3.9E-07	6.7E-07	6.7E-07	1.1E-06
393	1.26E-02	2.19E-04	1.2E-02	3.6E-05	2.7E-06	2.1E-05	1.2E-06	3.7E-05	3.2E-06	1.9E-05	2.0E-06	1.3E-07	2.2E-07	4.0E-07	6.8E-07	6.9E-07	1.2E-06
394	1.25E-02	2.18E-04	1.2E-02	3.7E-05	2.8E-06	2.0E-05	1.1E-06	3.8E-05	3.3E-06	1.8E-05	1.8E-06	1.4E-07	2.3E-07	4.1E-07	7.0E-07	7.1E-07	1.2E-06
395	1.24E-02	2.16E-04	1.2E-02	3.8E-05	2.9E-06	1.9E-05	1.1E-06	3.9E-05	3.5E-06	1.7E-05	1.6E-06	1.4E-07	2.3E-07	4.2E-07	7.2E-07	7.3E-07	1.2E-06
396	1.23E-02	2.14E-04	1.2E-02	3.9E-05	3.0E-06	1.9E-05	1.1E-06	4.0E-05	3.6E-06	1.6E-05	1.5E-06	1.4E-07	2.4E-07	4.3E-07	7.3E-07	7.6E-07	1.3E-06
397	1.22E-02	2.12E-04	1.2E-02	4.0E-05	3.1E-06	1.9E-05	1.1E-06	4.1E-05	3.7E-06	1.5E-05	1.4E-06	1.5E-07	2.5E-07	4.5E-07	7.5E-07	7.8E-07	1.3E-06
398	1.21E-02	2.10E-04	1.2E-02	4.1E-05	3.2E-06	1.9E-05	1.1E-06	4.1E-05	3.8E-06	1.5E-05	1.4E-06	1.5E-07	2.6E-07	4.6E-07	7.7E-07	8.1E-07	1.4E-06
399	1.20E-02	2.08E-04	1.2E-02	4.2E-05	3.3E-06	1.9E-05	1.1E-06	4.1E-05	3.8E-06	1.4E-05	1.3E-06	1.6E-07	2.6E-07	4.7E-07	7.9E-07	8.4E-07	1.4E-06
400	1.19E-02	2.06E-04	1.2E-02	4.3E-05	3.4E-06	1.9E-05	1.1E-06	4.1E-05	3.7E-06	1.4E-05	1.3E-06	1.6E-07	2.7E-07	4.8E-07	8.1E-07	8.7E-07	1.5E-06
401	1.18E-02	2.04E-04	1.2E-02	4.5E-05	3.5E-06	2.0E-05	1.2E-06	4.0E-05	3.5E-06	1.4E-05	1.3E-06	1.7E-07	2.8E-07	5.0E-07	8.4E-07	9.0E-07	1.5E-06
402	1.18E-02	2.02E-04	1.1E-02	4.6E-05	3.7E-06	2.0E-05	1.2E-06	3.9E-05	3.4E-06	1.4E-05	1.3E-06	1.7E-07	2.9E-07	5.1E-07	8.6E-07	9.4E-07	1.6E-06
403	1.17E-02	2.00E-04	1.1E-02	4.8E-05	3.8E-06	2.0E-05	1.2E-06	3.9E-05	3.4E-06	1.5E-05	1.4E-06	1.8E-07	3.0E-07	5.2E-07	8.8E-07	9.7E-07	1.6E-06
404	1.22E-02	2.15E-04	1.2E-02	3.1E-05	2.4E-06	2.2E-05	1.4E-06	3.8E-05	3.2E-06	1.7E-05	2.0E-06	1.2E-07	2.0E-07	3.7E-07	6.3E-07	6.2E-07	1.1E-06
405	1.22E-02	2.15E-04	1.2E-02	3.2E-05	2.5E-06	2.1E-05	1.3E-06	3.6E-05	3.0E-06	1.8E-05	2.1E-06	1.2E-07	2.1E-07	3.8E-07	6.5E-07	6.4E-07	1.1E-06
406	1.21E-02	2.14E-04	1.2E-02	3.3E-05	2.6E-06	2.1E-05	1.2E-06	3.5E-05	3.0E-06	1.8E-05	2.1E-06	1.3E-07	2.1E-07	3.9E-07	6.6E-07	6.6E-07	1.1E-06
407	1.21E-02	2.12E-04	1.2E-02	3.4E-05	2.6E-06	2.0E-05	1.1E-06	3.5E-05	3.0E-06	1.8E-05	1.9E-06	1.3E-07	2.2E-07	4.0E-07	6.8E-07	6.8E-07	1.1E-06
408	1.20E-02	2.10E-04	1.2E-02	3.5E-05	2.7E-06	1.9E-05	1.1E-06	3.6E-05	3.1E-06	1.7E-05	1.7E-06	1.3E-07	2.2E-07	4.1E-07	6.9E-07	7.0E-07	1.2E-06
409	1.19E-02	2.09E-04	1.2E-02	3.6E-05	2.8E-06	1.8E-05	1.0E-06	3.7E-05	3.3E-06	1.6E-05	1.5E-06	1.4E-07	2.3E-07	4.2E-07	7.1E-07	7.2E-07	1.2E-06
410	1.18E-02	2.07E-04	1.1E-02	3.7E-05	2.9E-06	1.8E-05	1.0E-06	3.8E-05	3.4E-06	1.5E-05	1.4E-06	1.4E-07	2.4E-07	4.3E-07	7.3E-07	7.5E-07	1.3E-06

Berkley WTPF

PM2.5 Unmitigated Concentration

Receptor #	Conc.	*Dredging*	*Peir*	*University*		*Seawall*		*Plaza*		*Boatlaunch*		*Haul1*		*Haul2*		*Haul3*	
		Exhaust	*Exhaust*	*Exhaust*	*Fugitive*	*Exhaust*	*Fugitive*	*Exhaust*	*Fugitive*	*Exhaust*	*Fugitive*	*Exhaust*	*Fugitive*	*Exhaust*	*Fugitive*	*Exhaust*	*Fugitive*
1	0.06																
Max (park)	0.28																
Total	0.33																
	Emissions:	1.73E-03	0.05	8.59076E-05	7.15897E-06	8.91E-05	0.00	9.54529E-05	9.55E-06	8.59E-05	9.55E-06	6.65E-07	1.12E-06	2.87E-06	4.85E-06	2.86E-06	4.82E-06
411	1.17E-02	2.05E-04	1.1E-02	3.8E-05	3.0E-06	1.8E-05	1.0E-06	3.9E-05	3.5E-06	1.5E-05	1.4E-06	1.4E-07	2.4E-07	4.4E-07	7.5E-07	7.7E-07	1.3E-06
412	1.16E-02	2.03E-04	1.1E-02	3.9E-05	3.1E-06	1.8E-05	1.0E-06	3.9E-05	3.5E-06	1.4E-05	1.3E-06	1.5E-07	2.5E-07	4.5E-07	7.6E-07	8.0E-07	1.4E-06
413	1.15E-02	2.01E-04	1.1E-02	4.0E-05	3.2E-06	1.8E-05	1.1E-06	3.9E-05	3.6E-06	1.4E-05	1.3E-06	1.5E-07	2.6E-07	4.6E-07	7.9E-07	8.3E-07	1.4E-06
414	1.14E-02	2.00E-04	1.1E-02	4.1E-05	3.3E-06	1.9E-05	1.1E-06	3.8E-05	3.5E-06	1.3E-05	1.3E-06	1.6E-07	2.7E-07	4.8E-07	8.1E-07	8.6E-07	1.5E-06
415	1.14E-02	1.98E-04	1.1E-02	4.3E-05	3.4E-06	1.9E-05	1.1E-06	3.8E-05	3.3E-06	1.4E-05	1.3E-06	1.6E-07	2.7E-07	4.9E-07	8.3E-07	8.9E-07	1.5E-06
416	1.13E-02	1.96E-04	1.1E-02	4.4E-05	3.5E-06	1.9E-05	1.2E-06	3.7E-05	3.2E-06	1.4E-05	1.3E-06	1.7E-07	2.8E-07	5.0E-07	8.5E-07	9.3E-07	1.6E-06
417	1.12E-02	1.94E-04	1.1E-02	4.5E-05	3.6E-06	2.0E-05	1.2E-06	3.6E-05	3.2E-06	1.4E-05	1.4E-06	1.7E-07	2.9E-07	5.2E-07	8.7E-07	9.6E-07	1.6E-06
418	1.16E-02	2.06E-04	1.1E-02	3.2E-05	2.5E-06	2.0E-05	1.2E-06	3.3E-05	2.8E-06	1.8E-05	2.0E-06	1.2E-07	2.1E-07	3.9E-07	6.6E-07	6.6E-07	1.1E-06
419	1.16E-02	2.05E-04	1.1E-02	3.3E-05	2.6E-06	1.9E-05	1.1E-06	3.3E-05	2.8E-06	1.7E-05	1.8E-06	1.3E-07	2.1E-07	4.0E-07	6.7E-07	6.7E-07	1.1E-06
420	1.15E-02	2.04E-04	1.1E-02	3.4E-05	2.6E-06	1.8E-05	1.0E-06	3.4E-05	2.9E-06	1.6E-05	1.6E-06	1.3E-07	2.2E-07	4.1E-07	6.9E-07	6.9E-07	1.2E-06
421	1.14E-02	2.02E-04	1.1E-02	3.5E-05	2.7E-06	1.7E-05	9.9E-07	3.5E-05	3.1E-06	1.5E-05	1.4E-06	1.3E-07	2.3E-07	4.2E-07	7.0E-07	7.2E-07	1.2E-06
422	1.13E-02	2.01E-04	1.1E-02	3.5E-05	2.8E-06	1.7E-05	9.7E-07	3.6E-05	3.2E-06	1.5E-05	1.4E-06	1.4E-07	2.3E-07	4.3E-07	7.2E-07	7.4E-07	1.3E-06
423	1.12E-02	1.99E-04	1.1E-02	3.6E-05	2.9E-06	1.7E-05	9.7E-07	3.6E-05	3.3E-06	1.4E-05	1.3E-06	1.4E-07	2.4E-07	4.4E-07	7.4E-07	7.7E-07	1.3E-06
424	1.11E-02	1.97E-04	1.1E-02	3.7E-05	3.0E-06	1.7E-05	9.9E-07	3.7E-05	3.3E-06	1.4E-05	1.3E-06	1.5E-07	2.5E-07	4.5E-07	7.6E-07	7.9E-07	1.3E-06
425	1.10E-02	1.95E-04	1.1E-02	3.8E-05	3.1E-06	1.7E-05	1.0E-06	3.7E-05	3.3E-06	1.3E-05	1.2E-06	1.5E-07	2.5E-07	4.6E-07	7.8E-07	8.2E-07	1.4E-06
426	1.10E-02	1.94E-04	1.1E-02	4.0E-05	3.2E-06	1.8E-05	1.0E-06	3.6E-05	3.3E-06	1.3E-05	1.2E-06	1.5E-07	2.6E-07	4.7E-07	8.0E-07	8.5E-07	1.4E-06
427	1.09E-02	1.92E-04	1.1E-02	4.1E-05	3.3E-06	1.8E-05	1.1E-06	3.6E-05	3.2E-06	1.3E-05	1.2E-06	1.6E-07	2.7E-07	4.9E-07	8.2E-07	8.8E-07	1.5E-06
428	1.08E-02	1.90E-04	1.0E-02	4.2E-05	3.4E-06	1.8E-05	1.1E-06	3.5E-05	3.1E-06	1.3E-05	1.3E-06	1.6E-07	2.8E-07	5.0E-07	8.4E-07	9.2E-07	1.5E-06
429	1.07E-02	1.88E-04	1.0E-02	4.3E-05	3.5E-06	1.9E-05	1.1E-06	3.4E-05	3.0E-06	1.4E-05	1.3E-06	1.7E-07	2.9E-07	5.1E-07	8.7E-07	9.5E-07	1.6E-06
430	1.07E-02	1.93E-04	1.0E-02	3.5E-05	2.8E-06	1.6E-05	9.3E-07	3.4E-05	3.1E-06	1.3E-05	1.3E-06	1.4E-07	2.4E-07	4.3E-07	7.3E-07	7.6E-07	1.3E-06
431	1.07E-02	1.91E-04	1.0E-02	3.6E-05	2.9E-06	1.6E-05	9.5E-07	3.5E-05	3.1E-06	1.3E-05	1.2E-06	1.4E-07	2.4E-07	4.5E-07	7.5E-07	7.8E-07	1.3E-06
432	1.06E-02	1.89E-04	1.0E-02	3.7E-05	2.9E-06	1.7E-05	9.7E-07	3.5E-05	3.2E-06	1.3E-05	1.2E-06	1.5E-07	2.5E-07	4.6E-07	7.7E-07	8.1E-07	1.4E-06
433	1.05E-02	1.88E-04	1.0E-02	3.8E-05	3.0E-06	1.7E-05	1.0E-06	3.4E-05	3.1E-06	1.3E-05	1.2E-06	1.5E-07	2.6E-07	4.7E-07	7.9E-07	8.4E-07	1.4E-06
434	1.05E-02	1.86E-04	1.0E-02	3.9E-05	3.1E-06	1.7E-05	1.0E-06	3.4E-05	3.0E-06	1.3E-05	1.2E-06	1.6E-07	2.6E-07	4.8E-07	8.1E-07	8.7E-07	1.5E-06
435	1.04E-02	1.85E-04	1.0E-02	4.0E-05	3.2E-06	1.8E-05	1.1E-06	3.3E-05	2.9E-06	1.3E-05	1.2E-06	1.6E-07	2.7E-07	4.9E-07	8.4E-07	9.0E-07	1.5E-06
								Park									
436	1.11E-01	1.55E-03	1.0E-01	1.2E-04	9.4E-06	3.1E-03	3.1E-04	4.1E-04	3.3E-05	2.9E-04	2.8E-05	2.3E-07	3.8E-07	6.6E-07	1.1E-06	6.9E-07	1.2E-06
437	1.02E-01	1.41E-03	9.6E-02	1.2E-04	9.3E-06	2.9E-03	2.2E-04	4.2E-04	3.5E-05	3.2E-04	3.7E-05	2.3E-07	4.0E-07	6.8E-07	1.2E-06	7.0E-07	1.2E-06
438	1.40E-01	1.97E-03	1.3E-01	1.4E-04	1.1E-05	2.3E-03	2.5E-04	5.5E-04	4.7E-05	2.0E-04	2.0E-05	2.1E-07	3.6E-07	6.2E-07	1.0E-06	6.9E-07	1.2E-06
439	1.28E-01	1.76E-03	1.2E-01	1.4E-04	1.1E-05	2.4E-03	2.0E-04	5.5E-04	4.4E-05	2.2E-04	1.9E-05	2.2E-07	3.7E-07	6.4E-07	1.1E-06	7.0E-07	1.2E-06
440	1.17E-01	1.58E-03	1.1E-01	1.4E-04	1.1E-05	2.6E-03	1.6E-04	5.7E-04	4.7E-05	2.4E-04	2.5E-05	2.3E-07	3.8E-07	6.6E-07	1.1E-06	7.0E-07	1.2E-06
441	1.07E-01	1.43E-03	1.0E-01	1.4E-04	1.0E-05	2.0E-03	1.3E-04	5.9E-04	5.2E-05	2.7E-04	3.0E-05	2.3E-07	4.0E-07	6.8E-07	1.1E-06	7.1E-07	1.2E-06
442	1.69E-01	2.26E-03	1.6E-01	1.5E-04	1.2E-05	1.2E-03	1.5E-04	7.9E-04	6.8E-05	1.7E-04	1.7E-05	2.0E-07	3.4E-07	6.0E-07	1.0E-06	6.9E-07	1.2E-06
443	1.52E-01	1.98E-03	1.5E-01	1.6E-04	1.2E-05	2.0E-03	1.2E-04	7.7E-04	6.2E-05	1.7E-04	1.6E-05	2.1E-07	3.5E-07	6.2E-07	1.0E-06	7.0E-07	1.2E-06
444	1.37E-01	1.76E-03	1.3E-01	1.6E-04	1.2E-05	1.8E-03	1.1E-04	8.0E-04	6.5E-05	1.9E-04	1.7E-05	2.2E-07	3.6E-07	6.3E-07	1.1E-06	7.1E-07	1.2E-06
445	1.23E-01	1.58E-03	1.2E-01	1.6E-04	1.2E-05	1.6E-03	9.7E-05	8.3E-04	7.4E-05	2.1E-04	2.3E-05	2.2E-07	3.8E-07	6.5E-07	1.1E-06	7.2E-07	1.2E-06
446	1.11E-01	1.43E-03	1.1E-01	1.6E-04	1.2E-05	1.3E-03	8.4E-05	8.3E-04	8.0E-05	2.3E-04	2.5E-05	2.3E-07	3.9E-07	6.7E-07	1.1E-06	7.3E-07	1.2E-06
447	1.87E-01	2.22E-03	1.8E-01	1.8E-04	1.4E-05	1.3E-03	1.1E-04	1.2E-03	9.5E-05	1.4E-04	1.5E-05	2.0E-07	3.3E-07	5.9E-07	1.0E-06	7.0E-07	1.2E-06
448	1.64E-01	1.95E-03	1.6E-01	1.8E-04	1.4E-05	1.4E-03	8.5E-05	1.2E-03	9.7E-05	1.5E-04	1.3E-05	2.1E-07	3.5E-07	6.1E-07	1.0E-06	7.1E-07	1.2E-06
449	1.45E-01	1.74E-03	1.4E-01	1.9E-04	1.4E-05	1.2E-03	7.3E-05	1.2E-03	1.1E-04	1.6E-04	1.5E-05	2.1E-07	3.6E-07	6.3E-07	1.1E-06	7.2E-07	1.2E-06
450	1.30E-01	1.57E-03	1.3E-01	1.9E-04	1.4E-05	1.1E-03	6.6E-05	1.2E-03	1.2E-04	1.9E-04	2.1E-05	2.2E-07	3.7E-07	6.5E-07	1.1E-06	7.3E-07	1.2E-06

Berkley WTPF

PM2.5 Unmitigated Concentration

		Dredging	*Peir*	*University*		*Seawall*		*Plaza*		*Boatlaunch*		*Haul1*		*Haul2*		*Haul3*	
Receptor #	**Conc.**	***Exhaust***	***Exhaust***	***Exhaust***	***Fugitive***	***Exhaust***	***Fugitive***	***Exhaust***	***Fugitive***	***Exhaust***	***Fugitive***	***Exhaust***	***Fugitive***	***Exhaust***	***Fugitive***	***Exhaust***	***Fugitive***
1	**0.06**																
Max (park)	**0.28**																
Total	**0.33**																
	Emissions:	**1.73E-03**	**0.05**	**8.59076E-05**	**7.15897E-06**	**8.91E-05**	**0.00**	**9.54529E-05**	**9.55E-06**	**8.59E-05**	**9.55E-06**	**6.65E-07**	**1.12E-06**	**2.87E-06**	**4.85E-06**	**2.86E-06**	**4.82E-06**
451	1.16E-01	1.42E-03	1.1E-01	1.9E-04	1.4E-05	9.4E-04	5.9E-05	1.2E-03	1.2E-04	1.9E-04	2.1E-05	2.3E-07	3.9E-07	6.7E-07	1.1E-06	7.4E-07	1.3E-06
452	1.04E-01	1.29E-03	1.0E-01	1.9E-04	1.4E-05	8.3E-04	5.3E-05	1.0E-03	1.1E-04	1.9E-04	1.8E-05	2.4E-07	4.0E-07	6.9E-07	1.2E-06	7.5E-07	1.3E-06
453	2.04E-01	2.16E-03	2.0E-01	2.1E-04	1.7E-05	9.0E-04	9.0E-05	2.1E-03	1.6E-04	1.2E-04	1.2E-05	1.9E-07	3.3E-07	5.9E-07	9.9E-07	7.1E-07	1.2E-06
454	1.76E-01	1.90E-03	1.7E-01	2.2E-04	1.7E-05	1.0E-03	6.5E-05	2.1E-03	1.8E-04	1.3E-04	1.1E-05	2.0E-07	3.4E-07	6.1E-07	1.0E-06	7.2E-07	1.2E-06
455	1.53E-01	1.70E-03	1.5E-01	2.2E-04	1.7E-05	8.8E-04	5.5E-05	2.0E-03	2.0E-04	1.5E-04	1.4E-05	2.1E-07	3.5E-07	6.2E-07	1.1E-06	7.3E-07	1.2E-06
456	1.35E-01	1.53E-03	1.3E-01	2.3E-04	1.7E-05	7.8E-04	4.9E-05	1.8E-03	1.9E-04	1.6E-04	1.9E-05	2.2E-07	3.7E-07	6.4E-07	1.1E-06	7.4E-07	1.3E-06
457	1.20E-01	1.39E-03	1.2E-01	2.3E-04	1.7E-05	7.0E-04	4.4E-05	1.5E-03	1.7E-04	1.7E-04	1.8E-05	2.3E-07	3.8E-07	6.6E-07	1.1E-06	7.5E-07	1.3E-06
458	1.07E-01	1.26E-03	1.0E-01	2.4E-04	1.8E-05	6.3E-04	4.0E-05	1.3E-03	1.4E-04	1.6E-04	1.6E-05	2.4E-07	4.0E-07	6.8E-07	1.2E-06	7.6E-07	1.3E-06
459	2.66E-01	2.38E-03	2.6E-01	2.5E-04	2.0E-05	4.4E-04	1.1E-04	5.0E-03	3.5E-04	1.1E-04	1.1E-05	1.8E-07	3.1E-07	5.7E-07	9.6E-07	7.1E-07	1.2E-06
460	2.20E-01	2.08E-03	2.1E-01	2.6E-04	2.1E-05	1.0E-03	6.9E-05	4.3E-03	3.8E-04	1.1E-04	1.0E-05	1.9E-07	3.2E-07	5.8E-07	9.9E-07	7.2E-07	1.2E-06
461	1.85E-01	1.84E-03	1.8E-01	2.7E-04	2.1E-05	7.9E-04	5.0E-05	3.6E-03	3.7E-04	1.2E-04	1.0E-05	2.0E-07	3.3E-07	6.0E-07	1.0E-06	7.3E-07	1.2E-06
462	1.59E-01	1.64E-03	1.5E-01	2.8E-04	2.1E-05	6.7E-04	4.2E-05	3.0E-03	3.2E-04	1.3E-04	1.3E-05	2.1E-07	3.5E-07	6.2E-07	1.0E-06	7.4E-07	1.3E-06
463	1.39E-01	1.49E-03	1.3E-01	2.9E-04	2.2E-05	6.0E-04	3.8E-05	2.4E-03	2.6E-04	1.5E-04	1.7E-05	2.1E-07	3.6E-07	6.4E-07	1.1E-06	7.5E-07	1.3E-06
464	1.22E-01	1.35E-03	1.2E-01	3.0E-04	2.2E-05	5.4E-04	3.4E-05	1.9E-03	2.1E-04	1.5E-04	1.5E-05	2.2E-07	3.8E-07	6.6E-07	1.1E-06	7.7E-07	1.3E-06
465	1.09E-01	1.23E-03	1.0E-01	3.0E-04	2.3E-05	5.0E-04	3.1E-05	1.5E-03	1.7E-04	1.4E-04	1.3E-05	2.3E-07	3.9E-07	6.8E-07	1.1E-06	7.8E-07	1.3E-06
466	9.75E-02	1.13E-03	9.4E-02	3.0E-04	2.3E-05	4.6E-04	2.9E-05	1.3E-03	1.3E-04	1.4E-04	1.3E-05	2.4E-07	4.1E-07	7.0E-07	1.2E-06	7.9E-07	1.3E-06
467	2.77E-01	2.26E-03	2.7E-01	3.1E-04	2.7E-05	4.3E-04	5.6E-05	6.9E-03	1.3E-03	9.4E-05	9.5E-06	1.8E-07	3.0E-07	5.6E-07	9.5E-07	7.2E-07	1.2E-06
468	2.28E-01	1.98E-03	2.2E-01	3.4E-04	2.8E-05	7.3E-04	4.4E-05	8.8E-03	9.5E-04	9.7E-05	8.7E-06	1.9E-07	3.2E-07	5.8E-07	9.8E-07	7.3E-07	1.2E-06
469	1.89E-01	1.75E-03	1.8E-01	3.5E-04	2.8E-05	5.8E-04	3.6E-05	5.9E-03	6.6E-04	1.1E-04	9.4E-06	1.9E-07	3.3E-07	6.0E-07	1.0E-06	7.4E-07	1.3E-06
470	1.61E-01	1.58E-03	1.5E-01	3.7E-04	3.0E-05	5.1E-04	3.2E-05	4.2E-03	4.6E-04	1.2E-04	1.3E-05	2.0E-07	3.4E-07	6.1E-07	1.0E-06	7.5E-07	1.3E-06
471	1.40E-01	1.43E-03	1.3E-01	3.9E-04	3.1E-05	4.7E-04	2.9E-05	3.1E-03	3.4E-04	1.3E-04	1.5E-05	2.1E-07	3.5E-07	6.3E-07	1.1E-06	7.7E-07	1.3E-06
472	1.23E-01	1.30E-03	1.2E-01	4.0E-04	3.1E-05	4.3E-04	2.6E-05	2.3E-03	2.5E-04	1.3E-04	1.3E-05	2.2E-07	3.7E-07	6.5E-07	1.1E-06	7.8E-07	1.3E-06
473	1.09E-01	1.19E-03	1.0E-01	4.0E-04	3.1E-05	4.0E-04	2.5E-05	1.8E-03	1.9E-04	1.2E-04	1.2E-05	2.3E-07	3.9E-07	6.7E-07	1.1E-06	7.9E-07	1.3E-06
474	9.75E-02	1.09E-03	9.4E-02	3.9E-04	3.0E-05	3.7E-04	2.3E-05	1.4E-03	1.5E-04	1.2E-04	1.1E-05	2.4E-07	4.0E-07	6.9E-07	1.2E-06	8.0E-07	1.4E-06
475	8.81E-02	1.01E-03	8.5E-02	3.9E-04	2.9E-05	3.5E-04	2.2E-05	1.2E-03	1.2E-04	1.2E-04	1.2E-05	2.5E-07	4.2E-07	7.1E-07	1.2E-06	8.2E-07	1.4E-06
476	2.62E-01	2.12E-03	2.5E-01	4.5E-04	4.1E-05	4.8E-04	2.6E-05	6.2E-03	3.1E-03	8.4E-05	8.1E-06	1.8E-07	3.0E-07	5.6E-07	9.5E-07	7.2E-07	1.2E-06
477	2.20E-01	1.86E-03	2.0E-01	5.0E-04	4.3E-05	4.5E-04	2.5E-05	1.1E-02	1.8E-03	8.7E-05	7.6E-06	1.8E-07	3.1E-07	5.7E-07	9.7E-07	7.4E-07	1.2E-06
478	1.84E-01	1.66E-03	1.7E-01	5.5E-04	4.7E-05	4.1E-04	2.4E-05	8.2E-03	9.7E-04	9.7E-05	8.9E-06	1.9E-07	3.2E-07	5.9E-07	1.0E-06	7.5E-07	1.3E-06
479	1.57E-01	1.50E-03	1.5E-01	5.8E-04	4.9E-05	3.8E-04	2.3E-05	5.3E-03	6.1E-04	1.1E-04	1.2E-05	2.0E-07	3.4E-07	6.1E-07	1.0E-06	7.6E-07	1.3E-06
480	1.37E-01	1.36E-03	1.3E-01	5.9E-04	4.9E-05	3.6E-04	2.2E-05	3.7E-03	4.1E-04	1.2E-04	1.3E-05	2.1E-07	3.5E-07	6.2E-07	1.1E-06	7.8E-07	1.3E-06
481	1.20E-01	1.24E-03	1.1E-01	5.7E-04	4.7E-05	3.4E-04	2.1E-05	2.7E-03	2.9E-04	1.1E-04	1.1E-05	2.1E-07	3.6E-07	6.4E-07	1.1E-06	7.9E-07	1.3E-06
482	1.07E-01	1.14E-03	1.0E-01	5.6E-04	4.4E-05	3.2E-04	2.0E-05	2.0E-03	2.2E-04	1.1E-04	1.0E-05	2.2E-07	3.8E-07	6.6E-07	1.1E-06	8.0E-07	1.4E-06
483	9.58E-02	1.05E-03	9.2E-02	5.4E-04	4.1E-05	3.0E-04	1.9E-05	1.6E-03	1.7E-04	1.0E-04	9.9E-06	2.3E-07	3.9E-07	6.8E-07	1.2E-06	8.2E-07	1.4E-06
484	8.67E-02	9.73E-04	8.3E-02	5.2E-04	3.9E-05	2.8E-04	1.8E-05	1.3E-03	1.4E-04	1.1E-04	1.1E-05	2.4E-07	4.1E-07	7.1E-07	1.2E-06	8.3E-07	1.4E-06
485	7.90E-02	9.07E-04	7.6E-02	4.9E-04	3.7E-05	2.7E-04	1.7E-05	1.1E-03	1.1E-04	1.1E-04	1.1E-05	2.6E-07	4.3E-07	7.3E-07	1.2E-06	8.5E-07	1.4E-06
486	7.24E-02	8.48E-04	7.0E-02	4.7E-04	3.5E-05	2.5E-04	1.6E-05	8.8E-04	9.4E-05	1.1E-04	1.1E-05	2.7E-07	4.5E-07	7.5E-07	1.3E-06	8.6E-07	1.5E-06
487	2.37E-01	1.97E-03	2.2E-01	5.8E-04	8.1E-05	3.0E-04	1.7E-05	1.2E-02	3.5E-03	7.5E-05	7.0E-06	1.8E-07	3.0E-07	5.6E-07	9.4E-07	7.3E-07	1.2E-06
488	2.05E-01	1.74E-03	1.8E-01	8.1E-04	1.1E-04	3.0E-04	1.8E-05	1.5E-02	1.9E-03	8.0E-05	6.8E-06	1.8E-07	3.1E-07	5.7E-07	9.6E-07	7.5E-07	1.3E-06
489	1.71E-01	1.56E-03	1.6E-01	1.2E-03	1.1E-04	3.0E-04	1.8E-05	8.8E-03	1.0E-03	8.9E-05	8.6E-06	1.9E-07	3.2E-07	5.9E-07	9.9E-07	7.6E-07	1.3E-06
490	1.47E-01	1.41E-03	1.4E-01	1.1E-03	9.6E-05	2.9E-04	1.8E-05	5.6E-03	6.4E-04	1.0E-04	1.1E-05	2.0E-07	3.3E-07	6.0E-07	1.0E-06	7.7E-07	1.3E-06
491	1.29E-01	1.28E-03	1.2E-01	9.9E-04	8.5E-05	2.8E-04	1.7E-05	3.9E-03	4.4E-04	1.0E-04	1.2E-05	2.0E-07	3.4E-07	6.2E-07	1.0E-06	7.9E-07	1.3E-06

Berkley WTPF

PM2.5 Unmitigated Concentration

Receptor #	Conc.	*Dredging Exhaust*	*Peir Exhaust*	*University Exhaust*	*Fugitive*	*Seawall Exhaust*	*Fugitive*	*Plaza Exhaust*	*Fugitive*	*Boatlaunch Exhaust*	*Fugitive*	*Haul1 Exhaust*	*Fugitive*	*Haul2 Exhaust*	*Fugitive*	*Haul3 Exhaust*	*Fugitive*
1	0.06																
Max (park)	0.28																
Total	0.33																
	Emissions:	1.73E-03	0.05	8.59076E-05	7.15897E-06	8.91E-05	0.00	9.54529E-05	9.55E-06	8.59E-05	9.55E-06	6.65E-07	1.12E-06	2.87E-06	4.85E-06	2.86E-06	4.82E-06
492	1.14E-01	1.18E-03	1.1E-01	9.1E-04	7.5E-05	2.7E-04	1.6E-05	2.8E-03	3.2E-04	1.0E-04	1.0E-05	2.1E-07	3.6E-07	6.4E-07	1.1E-06	8.0E-07	1.4E-06
493	1.02E-01	1.09E-03	9.8E-02	8.4E-04	6.7E-05	2.6E-04	1.6E-05	2.2E-03	2.4E-04	9.6E-05	9.0E-06	2.2E-07	3.7E-07	6.6E-07	1.1E-06	8.2E-07	1.4E-06
494	9.23E-02	1.00E-03	8.8E-02	7.8E-04	6.0E-05	2.5E-04	1.5E-05	1.7E-03	1.9E-04	9.3E-05	8.8E-06	2.3E-07	3.9E-07	6.8E-07	1.1E-06	8.3E-07	1.4E-06
495	8.38E-02	9.34E-04	8.0E-02	7.3E-04	5.5E-05	2.4E-04	1.5E-05	1.4E-03	1.5E-04	9.4E-05	9.3E-06	2.4E-07	4.0E-07	7.0E-07	1.2E-06	8.5E-07	1.4E-06
496	7.66E-02	8.71E-04	7.3E-02	6.8E-04	5.0E-05	2.3E-04	1.4E-05	1.1E-03	1.2E-04	9.7E-05	9.9E-06	2.5E-07	4.2E-07	7.2E-07	1.2E-06	8.6E-07	1.5E-06
497	7.03E-02	8.17E-04	6.7E-02	6.4E-04	4.6E-05	2.2E-04	1.4E-05	9.3E-04	1.0E-04	9.9E-05	1.0E-05	2.6E-07	4.4E-07	7.4E-07	1.3E-06	8.8E-07	1.5E-06
498	6.49E-02	7.68E-04	6.2E-02	6.0E-04	4.3E-05	2.1E-04	1.3E-05	7.9E-04	8.5E-05	9.8E-05	1.0E-05	2.7E-07	4.6E-07	7.7E-07	1.3E-06	8.9E-07	1.5E-06
499	6.03E-02	7.25E-04	5.8E-02	5.7E-04	4.0E-05	2.0E-04	1.3E-05	6.7E-04	7.3E-05	9.7E-05	9.6E-06	2.9E-07	4.9E-07	8.0E-07	1.3E-06	9.1E-07	1.5E-06
500	1.52E-01	1.45E-03	1.4E-01	1.1E-03	2.8E-04	2.3E-04	1.4E-05	7.3E-03	8.5E-04	8.3E-05	8.4E-06	1.9E-07	3.1E-07	5.8E-07	9.8E-07	7.7E-07	1.3E-06
501	1.33E-01	1.32E-03	1.2E-01	1.4E-03	2.5E-04	2.3E-04	1.4E-05	4.9E-03	5.6E-04	9.2E-05	1.1E-05	1.9E-07	3.2E-07	6.0E-07	1.0E-06	7.8E-07	1.3E-06
502	1.18E-01	1.21E-03	1.1E-01	1.5E-03	1.8E-04	2.2E-04	1.3E-05	3.5E-03	4.0E-04	9.4E-05	1.0E-05	2.0E-07	3.4E-07	6.1E-07	1.0E-06	8.0E-07	1.3E-06
503	1.06E-01	1.11E-03	1.0E-01	1.7E-03	1.4E-04	2.2E-04	1.3E-05	2.7E-03	3.0E-04	9.0E-05	8.9E-06	2.1E-07	3.5E-07	6.3E-07	1.1E-06	8.1E-07	1.4E-06
504	9.61E-02	1.03E-03	9.1E-02	1.5E-03	1.2E-04	2.1E-04	1.3E-05	2.1E-03	2.3E-04	8.6E-05	8.0E-06	2.2E-07	3.6E-07	6.5E-07	1.1E-06	8.3E-07	1.4E-06
505	8.72E-02	9.57E-04	8.3E-02	1.3E-03	9.9E-05	2.1E-04	1.3E-05	1.6E-03	1.8E-04	8.3E-05	7.9E-06	2.2E-07	3.8E-07	6.7E-07	1.1E-06	8.4E-07	1.4E-06
506	7.96E-02	8.92E-04	7.6E-02	1.1E-03	8.5E-05	2.0E-04	1.2E-05	1.3E-03	1.5E-04	8.4E-05	8.3E-06	2.3E-07	4.0E-07	6.9E-07	1.2E-06	8.6E-07	1.5E-06
507	7.31E-02	8.34E-04	7.0E-02	1.0E-03	7.4E-05	1.9E-04	1.2E-05	1.1E-03	1.2E-04	8.7E-05	8.8E-06	2.5E-07	4.1E-07	7.1E-07	1.2E-06	8.8E-07	1.5E-06
508	6.74E-02	7.83E-04	6.4E-02	9.2E-04	6.6E-05	1.8E-04	1.2E-05	9.2E-04	9.9E-05	8.9E-05	9.1E-06	2.6E-07	4.3E-07	7.4E-07	1.2E-06	8.9E-07	1.5E-06
509	6.25E-02	7.38E-04	6.0E-02	8.4E-04	5.9E-05	1.8E-04	1.1E-05	7.8E-04	8.4E-05	8.9E-05	9.2E-06	2.7E-07	4.5E-07	7.6E-07	1.3E-06	9.1E-07	1.5E-06
510	5.81E-02	6.97E-04	5.6E-02	7.8E-04	5.3E-05	1.7E-04	1.1E-05	6.7E-04	7.2E-05	8.7E-05	8.7E-06	2.8E-07	4.8E-07	7.9E-07	1.3E-06	9.3E-07	1.6E-06
511	5.42E-02	6.61E-04	5.2E-02	7.2E-04	4.9E-05	1.6E-04	1.0E-05	5.8E-04	6.2E-05	8.6E-05	8.5E-06	3.0E-07	5.0E-07	8.2E-07	1.4E-06	9.4E-07	1.6E-06
512	8.77E-02	9.70E-04	8.3E-02	1.6E-03	2.8E-04	1.8E-04	1.1E-05	1.8E-03	1.9E-04	7.7E-05	7.2E-06	2.1E-07	3.6E-07	6.5E-07	1.1E-06	8.4E-07	1.4E-06
513	8.16E-02	9.07E-04	7.6E-02	2.4E-03	2.1E-04	1.8E-04	1.1E-05	1.4E-03	1.6E-04	7.5E-05	7.1E-06	2.2E-07	3.7E-07	6.6E-07	1.1E-06	8.6E-07	1.4E-06
514	7.51E-02	8.48E-04	7.0E-02	2.2E-03	1.6E-04	1.7E-04	1.1E-05	1.2E-03	1.3E-04	7.6E-05	7.5E-06	2.3E-07	3.9E-07	6.8E-07	1.2E-06	8.7E-07	1.5E-06
515	6.91E-02	7.95E-04	6.5E-02	1.8E-03	1.3E-04	1.7E-04	1.0E-05	1.0E-03	1.1E-04	7.8E-05	7.9E-06	2.4E-07	4.1E-07	7.1E-07	1.2E-06	8.9E-07	1.5E-06
516	6.40E-02	7.48E-04	6.0E-02	1.5E-03	1.1E-04	1.6E-04	1.0E-05	8.5E-04	9.1E-05	8.0E-05	8.2E-06	2.5E-07	4.3E-07	7.3E-07	1.2E-06	9.1E-07	1.5E-06
517	5.95E-02	7.06E-04	5.6E-02	1.3E-03	9.0E-05	1.5E-04	9.7E-06	7.3E-04	7.8E-05	8.0E-05	8.3E-06	2.6E-07	4.5E-07	7.5E-07	1.3E-06	9.2E-07	1.6E-06
518	5.55E-02	6.68E-04	5.3E-02	1.2E-03	7.8E-05	1.5E-04	9.4E-06	6.3E-04	6.7E-05	7.9E-05	8.0E-06	2.8E-07	4.7E-07	7.8E-07	1.3E-06	9.4E-07	1.6E-06
519	5.20E-02	6.34E-04	4.9E-02	1.0E-03	6.8E-05	1.4E-04	9.1E-06	5.5E-04	5.8E-05	7.8E-05	7.6E-06	2.9E-07	4.9E-07	8.1E-07	1.4E-06	9.6E-07	1.6E-06
520	1.39E-01	1.50E-03	1.3E-01	4.9E-04	4.6E-05	1.6E-04	9.4E-06	4.4E-03	4.2E-04	5.8E-05	4.9E-06	1.7E-07	2.8E-07	5.4E-07	9.2E-07	7.5E-07	1.3E-06
521	1.25E-01	1.35E-03	1.2E-01	7.1E-04	6.5E-05	1.6E-04	9.7E-06	3.7E-03	3.7E-04	6.5E-05	5.9E-06	1.7E-07	2.9E-07	5.6E-07	9.4E-07	7.7E-07	1.3E-06
522	1.13E-01	1.23E-03	1.1E-01	1.0E-03	9.0E-05	1.6E-04	9.8E-06	3.0E-03	3.1E-04	7.3E-05	7.9E-06	1.8E-07	3.0E-07	5.7E-07	9.7E-07	7.8E-07	1.3E-06
523	6.41E-02	7.54E-04	6.0E-02	1.8E-03	3.7E-04	1.4E-04	9.0E-06	8.7E-04	9.2E-05	7.1E-05	7.2E-06	2.4E-07	4.0E-07	7.0E-07	1.2E-06	9.0E-07	1.5E-06
524	6.02E-02	7.11E-04	5.6E-02	2.1E-03	2.4E-04	1.4E-04	8.7E-06	7.5E-04	8.0E-05	7.3E-05	7.4E-06	2.5E-07	4.2E-07	7.2E-07	1.2E-06	9.2E-07	1.6E-06
525	5.67E-02	6.73E-04	5.3E-02	2.3E-03	1.7E-04	1.3E-04	8.4E-06	6.6E-04	7.0E-05	7.3E-05	7.5E-06	2.6E-07	4.4E-07	7.5E-07	1.3E-06	9.4E-07	1.6E-06
526	5.32E-02	6.38E-04	4.9E-02	2.1E-03	1.4E-04	1.3E-04	8.2E-06	5.8E-04	6.1E-05	7.2E-05	7.4E-06	2.7E-07	4.6E-07	7.7E-07	1.3E-06	9.6E-07	1.6E-06
527	4.98E-02	6.07E-04	4.7E-02	1.7E-03	1.1E-04	1.3E-04	8.0E-06	5.1E-04	5.4E-05	7.1E-05	7.0E-06	2.8E-07	4.8E-07	8.0E-07	1.3E-06	9.8E-07	1.7E-06
0	0.00E+00	0.00E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00

Berkley WTPF

DREDG Unmitigated Risk

						Cancer Risk from Birth to 2 years - Construction				
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
					Residence					
1	0.42894	1.80E-03	7.7E-04	1.05E-03	8.06E-07	2.27E-01	1.57E-01	2.88E-08	1.0E+06	2.9E-02
2	0.41075	1.80E-03	7.4E-04	1.05E-03	7.71E-07	2.27E-01	1.57E-01	2.76E-08	1.0E+06	2.8E-02
3	0.39326	1.80E-03	7.1E-04	1.05E-03	7.39E-07	2.27E-01	1.57E-01	2.64E-08	1.0E+06	2.6E-02
4	0.3765	1.80E-03	6.8E-04	1.05E-03	7.07E-07	2.27E-01	1.57E-01	2.53E-08	1.0E+06	2.5E-02
5	0.36025	1.80E-03	6.5E-04	1.05E-03	6.77E-07	2.27E-01	1.57E-01	2.42E-08	1.0E+06	2.4E-02
6	0.34503	1.80E-03	6.2E-04	1.05E-03	6.48E-07	2.27E-01	1.57E-01	2.32E-08	1.0E+06	2.3E-02
7	0.33068	1.80E-03	5.9E-04	1.05E-03	6.21E-07	2.27E-01	1.57E-01	2.22E-08	1.0E+06	2.2E-02
8	0.31757	1.80E-03	5.7E-04	1.05E-03	5.96E-07	2.27E-01	1.57E-01	2.13E-08	1.0E+06	2.1E-02
9	0.40215	1.80E-03	7.2E-04	1.05E-03	7.55E-07	2.27E-01	1.57E-01	2.70E-08	1.0E+06	2.7E-02
10	0.38855	1.80E-03	7.0E-04	1.05E-03	7.30E-07	2.27E-01	1.57E-01	2.61E-08	1.0E+06	2.6E-02
11	0.37341	1.80E-03	6.7E-04	1.05E-03	7.01E-07	2.27E-01	1.57E-01	2.51E-08	1.0E+06	2.5E-02
12	0.35898	1.80E-03	6.5E-04	1.05E-03	6.74E-07	2.27E-01	1.57E-01	2.41E-08	1.0E+06	2.4E-02
13	0.34538	1.80E-03	6.2E-04	1.05E-03	6.49E-07	2.27E-01	1.57E-01	2.32E-08	1.0E+06	2.3E-02
14	0.33253	1.80E-03	6.0E-04	1.05E-03	6.25E-07	2.27E-01	1.57E-01	2.23E-08	1.0E+06	2.2E-02
15	0.32036	1.80E-03	5.8E-04	1.05E-03	6.02E-07	2.27E-01	1.57E-01	2.15E-08	1.0E+06	2.1E-02
16	0.30879	1.80E-03	5.5E-04	1.05E-03	5.80E-07	2.27E-01	1.57E-01	2.07E-08	1.0E+06	2.1E-02
17	0.29775	1.80E-03	5.4E-04	1.05E-03	5.59E-07	2.27E-01	1.57E-01	2.00E-08	1.0E+06	2.0E-02
18	0.28682	1.80E-03	5.2E-04	1.05E-03	5.39E-07	2.27E-01	1.57E-01	1.92E-08	1.0E+06	1.9E-02
19	0.27598	1.80E-03	5.0E-04	1.05E-03	5.18E-07	2.27E-01	1.57E-01	1.85E-08	1.0E+06	1.9E-02
20	0.26633	1.80E-03	4.8E-04	1.05E-03	5.00E-07	2.27E-01	1.57E-01	1.79E-08	1.0E+06	1.8E-02
21	0.36512	1.80E-03	6.6E-04	1.05E-03	6.86E-07	2.27E-01	1.57E-01	2.45E-08	1.0E+06	2.5E-02
22	0.35402	1.80E-03	6.4E-04	1.05E-03	6.65E-07	2.27E-01	1.57E-01	2.38E-08	1.0E+06	2.4E-02
23	0.34149	1.80E-03	6.1E-04	1.05E-03	6.41E-07	2.27E-01	1.57E-01	2.29E-08	1.0E+06	2.3E-02
24	0.32951	1.80E-03	5.9E-04	1.05E-03	6.19E-07	2.27E-01	1.57E-01	2.21E-08	1.0E+06	2.2E-02
25	0.31817	1.80E-03	5.7E-04	1.05E-03	5.98E-07	2.27E-01	1.57E-01	2.14E-08	1.0E+06	2.1E-02
26	0.30743	1.80E-03	5.5E-04	1.05E-03	5.77E-07	2.27E-01	1.57E-01	2.06E-08	1.0E+06	2.1E-02
27	0.29724	1.80E-03	5.3E-04	1.05E-03	5.58E-07	2.27E-01	1.57E-01	1.99E-08	1.0E+06	2.0E-02
28	0.28753	1.80E-03	5.2E-04	1.05E-03	5.40E-07	2.27E-01	1.57E-01	1.93E-08	1.0E+06	1.9E-02
29	0.27822	1.80E-03	5.0E-04	1.05E-03	5.23E-07	2.27E-01	1.57E-01	1.87E-08	1.0E+06	1.9E-02
30	0.26927	1.80E-03	4.8E-04	1.05E-03	5.06E-07	2.27E-01	1.57E-01	1.81E-08	1.0E+06	1.8E-02

	Max	Receptor #
Res	0.029	1
Park	0.029	459
Total	0.06	1

Berkley WTPF
DREDG Unmitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
31	0.26063	1.80E-03	4.7E-04	1.05E-03	4.89E-07	2.27E-01	1.57E-01	1.75E-08	1.0E+06	1.7E-02
32	0.25231	1.80E-03	4.5E-04	1.05E-03	4.74E-07	2.27E-01	1.57E-01	1.69E-08	1.0E+06	1.7E-02
33	0.24429	1.80E-03	4.4E-04	1.05E-03	4.59E-07	2.27E-01	1.57E-01	1.64E-08	1.0E+06	1.6E-02
34	0.23658	1.80E-03	4.3E-04	1.05E-03	4.44E-07	2.27E-01	1.57E-01	1.59E-08	1.0E+06	1.6E-02
35	0.22919	1.80E-03	4.1E-04	1.05E-03	4.30E-07	2.27E-01	1.57E-01	1.54E-08	1.0E+06	1.5E-02
36	0.22179	1.80E-03	4.0E-04	1.05E-03	4.17E-07	2.27E-01	1.57E-01	1.49E-08	1.0E+06	1.5E-02
37	0.33582	1.80E-03	6.0E-04	1.05E-03	6.31E-07	2.27E-01	1.57E-01	2.25E-08	1.0E+06	2.3E-02
38	0.32533	1.80E-03	5.8E-04	1.05E-03	6.11E-07	2.27E-01	1.57E-01	2.18E-08	1.0E+06	2.2E-02
39	0.31468	1.80E-03	5.7E-04	1.05E-03	5.91E-07	2.27E-01	1.57E-01	2.11E-08	1.0E+06	2.1E-02
40	0.30448	1.80E-03	5.5E-04	1.05E-03	5.72E-07	2.27E-01	1.57E-01	2.04E-08	1.0E+06	2.0E-02
41	0.29478	1.80E-03	5.3E-04	1.05E-03	5.54E-07	2.27E-01	1.57E-01	1.98E-08	1.0E+06	2.0E-02
42	0.28556	1.80E-03	5.1E-04	1.05E-03	5.36E-07	2.27E-01	1.57E-01	1.92E-08	1.0E+06	1.9E-02
43	0.27681	1.80E-03	5.0E-04	1.05E-03	5.20E-07	2.27E-01	1.57E-01	1.86E-08	1.0E+06	1.9E-02
44	0.26849	1.80E-03	4.8E-04	1.05E-03	5.04E-07	2.27E-01	1.57E-01	1.80E-08	1.0E+06	1.8E-02
45	0.26051	1.80E-03	4.7E-04	1.05E-03	4.89E-07	2.27E-01	1.57E-01	1.75E-08	1.0E+06	1.7E-02
46	0.25283	1.80E-03	4.5E-04	1.05E-03	4.75E-07	2.27E-01	1.57E-01	1.70E-08	1.0E+06	1.7E-02
47	0.24541	1.80E-03	4.4E-04	1.05E-03	4.61E-07	2.27E-01	1.57E-01	1.65E-08	1.0E+06	1.6E-02
48	0.23821	1.80E-03	4.3E-04	1.05E-03	4.47E-07	2.27E-01	1.57E-01	1.60E-08	1.0E+06	1.6E-02
49	0.23124	1.80E-03	4.2E-04	1.05E-03	4.34E-07	2.27E-01	1.57E-01	1.55E-08	1.0E+06	1.6E-02
50	0.22448	1.80E-03	4.0E-04	1.05E-03	4.22E-07	2.27E-01	1.57E-01	1.51E-08	1.0E+06	1.5E-02
51	0.21796	1.80E-03	3.9E-04	1.05E-03	4.09E-07	2.27E-01	1.57E-01	1.46E-08	1.0E+06	1.5E-02
52	0.21158	1.80E-03	3.8E-04	1.05E-03	3.97E-07	2.27E-01	1.57E-01	1.42E-08	1.0E+06	1.4E-02
53	0.20534	1.80E-03	3.7E-04	1.05E-03	3.86E-07	2.27E-01	1.57E-01	1.38E-08	1.0E+06	1.4E-02
54	0.19957	1.80E-03	3.6E-04	1.05E-03	3.75E-07	2.27E-01	1.57E-01	1.34E-08	1.0E+06	1.3E-02
55	0.19387	1.80E-03	3.5E-04	1.05E-03	3.64E-07	2.27E-01	1.57E-01	1.30E-08	1.0E+06	1.3E-02
56	0.31827	1.80E-03	5.7E-04	1.05E-03	5.98E-07	2.27E-01	1.57E-01	2.14E-08	1.0E+06	2.1E-02
57	0.31016	1.80E-03	5.6E-04	1.05E-03	5.82E-07	2.27E-01	1.57E-01	2.08E-08	1.0E+06	2.1E-02
58	0.30098	1.80E-03	5.4E-04	1.05E-03	5.65E-07	2.27E-01	1.57E-01	2.02E-08	1.0E+06	2.0E-02
59	0.29195	1.80E-03	5.2E-04	1.05E-03	5.48E-07	2.27E-01	1.57E-01	1.96E-08	1.0E+06	2.0E-02
60	0.28318	1.80E-03	5.1E-04	1.05E-03	5.32E-07	2.27E-01	1.57E-01	1.90E-08	1.0E+06	1.9E-02
61	0.27475	1.80E-03	4.9E-04	1.05E-03	5.16E-07	2.27E-01	1.57E-01	1.84E-08	1.0E+06	1.8E-02

Berkley WTPF

DREDG Unmitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
62	0.26668	1.80E-03	4.8E-04	1.05E-03	5.01E-07	2.27E-01	1.57E-01	1.79E-08	1.0E+06	1.8E-02
63	0.259	1.80E-03	4.7E-04	1.05E-03	4.86E-07	2.27E-01	1.57E-01	1.74E-08	1.0E+06	1.7E-02
64	0.25169	1.80E-03	4.5E-04	1.05E-03	4.73E-07	2.27E-01	1.57E-01	1.69E-08	1.0E+06	1.7E-02
65	0.24471	1.80E-03	4.4E-04	1.05E-03	4.60E-07	2.27E-01	1.57E-01	1.64E-08	1.0E+06	1.6E-02
66	0.23801	1.80E-03	4.3E-04	1.05E-03	4.47E-07	2.27E-01	1.57E-01	1.60E-08	1.0E+06	1.6E-02
67	0.23153	1.80E-03	4.2E-04	1.05E-03	4.35E-07	2.27E-01	1.57E-01	1.55E-08	1.0E+06	1.6E-02
68	0.22524	1.80E-03	4.0E-04	1.05E-03	4.23E-07	2.27E-01	1.57E-01	1.51E-08	1.0E+06	1.5E-02
69	0.21913	1.80E-03	3.9E-04	1.05E-03	4.12E-07	2.27E-01	1.57E-01	1.47E-08	1.0E+06	1.5E-02
70	0.21318	1.80E-03	3.8E-04	1.05E-03	4.00E-07	2.27E-01	1.57E-01	1.43E-08	1.0E+06	1.4E-02
71	0.20741	1.80E-03	3.7E-04	1.05E-03	3.90E-07	2.27E-01	1.57E-01	1.39E-08	1.0E+06	1.4E-02
72	0.20181	1.80E-03	3.6E-04	1.05E-03	3.79E-07	2.27E-01	1.57E-01	1.35E-08	1.0E+06	1.4E-02
73	0.19639	1.80E-03	3.5E-04	1.05E-03	3.69E-07	2.27E-01	1.57E-01	1.32E-08	1.0E+06	1.3E-02
74	0.19118	1.80E-03	3.4E-04	1.05E-03	3.59E-07	2.27E-01	1.57E-01	1.28E-08	1.0E+06	1.3E-02
75	0.186	1.80E-03	3.3E-04	1.05E-03	3.49E-07	2.27E-01	1.57E-01	1.25E-08	1.0E+06	1.2E-02
76	0.29403	1.80E-03	5.3E-04	1.05E-03	5.52E-07	2.27E-01	1.57E-01	1.97E-08	1.0E+06	2.0E-02
77	0.2875	1.80E-03	5.2E-04	1.05E-03	5.40E-07	2.27E-01	1.57E-01	1.93E-08	1.0E+06	1.9E-02
78	0.27992	1.80E-03	5.0E-04	1.05E-03	5.26E-07	2.27E-01	1.57E-01	1.88E-08	1.0E+06	1.9E-02
79	0.27232	1.80E-03	4.9E-04	1.05E-03	5.11E-07	2.27E-01	1.57E-01	1.83E-08	1.0E+06	1.8E-02
80	0.26481	1.80E-03	4.8E-04	1.05E-03	4.97E-07	2.27E-01	1.57E-01	1.78E-08	1.0E+06	1.8E-02
81	0.25746	1.80E-03	4.6E-04	1.05E-03	4.84E-07	2.27E-01	1.57E-01	1.73E-08	1.0E+06	1.7E-02
82	0.25035	1.80E-03	4.5E-04	1.05E-03	4.70E-07	2.27E-01	1.57E-01	1.68E-08	1.0E+06	1.7E-02
83	0.24352	1.80E-03	4.4E-04	1.05E-03	4.57E-07	2.27E-01	1.57E-01	1.63E-08	1.0E+06	1.6E-02
84	0.237	1.80E-03	4.3E-04	1.05E-03	4.45E-07	2.27E-01	1.57E-01	1.59E-08	1.0E+06	1.6E-02
85	0.23077	1.80E-03	4.1E-04	1.05E-03	4.33E-07	2.27E-01	1.57E-01	1.55E-08	1.0E+06	1.5E-02
86	0.2248	1.80E-03	4.0E-04	1.05E-03	4.22E-07	2.27E-01	1.57E-01	1.51E-08	1.0E+06	1.5E-02
87	0.21905	1.80E-03	3.9E-04	1.05E-03	4.11E-07	2.27E-01	1.57E-01	1.47E-08	1.0E+06	1.5E-02
88	0.21347	1.80E-03	3.8E-04	1.05E-03	4.01E-07	2.27E-01	1.57E-01	1.43E-08	1.0E+06	1.4E-02
89	0.20805	1.80E-03	3.7E-04	1.05E-03	3.91E-07	2.27E-01	1.57E-01	1.40E-08	1.0E+06	1.4E-02
90	0.20276	1.80E-03	3.6E-04	1.05E-03	3.81E-07	2.27E-01	1.57E-01	1.36E-08	1.0E+06	1.4E-02
91	0.19761	1.80E-03	3.6E-04	1.05E-03	3.71E-07	2.27E-01	1.57E-01	1.33E-08	1.0E+06	1.3E-02
92	0.1926	1.80E-03	3.5E-04	1.05E-03	3.62E-07	2.27E-01	1.57E-01	1.29E-08	1.0E+06	1.3E-02

Berkley WTPF

DREDG Unmitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
93	0.18773	1.80E-03	3.4E-04	1.05E-03	3.53E-07	2.27E-01	1.57E-01	1.26E-08	1.0E+06	1.3E-02
94	0.18301	1.80E-03	3.3E-04	1.05E-03	3.44E-07	2.27E-01	1.57E-01	1.23E-08	1.0E+06	1.2E-02
95	0.17845	1.80E-03	3.2E-04	1.05E-03	3.35E-07	2.27E-01	1.57E-01	1.20E-08	1.0E+06	1.2E-02
96	0.17406	1.80E-03	3.1E-04	1.05E-03	3.27E-07	2.27E-01	1.57E-01	1.17E-08	1.0E+06	1.2E-02
97	0.16985	1.80E-03	3.1E-04	1.05E-03	3.19E-07	2.27E-01	1.57E-01	1.14E-08	1.0E+06	1.1E-02
98	0.27299	1.80E-03	4.9E-04	1.05E-03	5.13E-07	2.27E-01	1.57E-01	1.83E-08	1.0E+06	1.8E-02
99	0.26769	1.80E-03	4.8E-04	1.05E-03	5.03E-07	2.27E-01	1.57E-01	1.80E-08	1.0E+06	1.8E-02
100	0.26142	1.80E-03	4.7E-04	1.05E-03	4.91E-07	2.27E-01	1.57E-01	1.75E-08	1.0E+06	1.8E-02
101	0.25506	1.80E-03	4.6E-04	1.05E-03	4.79E-07	2.27E-01	1.57E-01	1.71E-08	1.0E+06	1.7E-02
102	0.24867	1.80E-03	4.5E-04	1.05E-03	4.67E-07	2.27E-01	1.57E-01	1.67E-08	1.0E+06	1.7E-02
103	0.24231	1.80E-03	4.4E-04	1.05E-03	4.55E-07	2.27E-01	1.57E-01	1.63E-08	1.0E+06	1.6E-02
104	0.23606	1.80E-03	4.2E-04	1.05E-03	4.43E-07	2.27E-01	1.57E-01	1.58E-08	1.0E+06	1.6E-02
105	0.22998	1.80E-03	4.1E-04	1.05E-03	4.32E-07	2.27E-01	1.57E-01	1.54E-08	1.0E+06	1.5E-02
106	0.22412	1.80E-03	4.0E-04	1.05E-03	4.21E-07	2.27E-01	1.57E-01	1.50E-08	1.0E+06	1.5E-02
107	0.2185	1.80E-03	3.9E-04	1.05E-03	4.10E-07	2.27E-01	1.57E-01	1.47E-08	1.0E+06	1.5E-02
108	0.2131	1.80E-03	3.8E-04	1.05E-03	4.00E-07	2.27E-01	1.57E-01	1.43E-08	1.0E+06	1.4E-02
109	0.20791	1.80E-03	3.7E-04	1.05E-03	3.90E-07	2.27E-01	1.57E-01	1.40E-08	1.0E+06	1.4E-02
110	0.2029	1.80E-03	3.6E-04	1.05E-03	3.81E-07	2.27E-01	1.57E-01	1.36E-08	1.0E+06	1.4E-02
111	0.19802	1.80E-03	3.6E-04	1.05E-03	3.72E-07	2.27E-01	1.57E-01	1.33E-08	1.0E+06	1.3E-02
112	0.19327	1.80E-03	3.5E-04	1.05E-03	3.63E-07	2.27E-01	1.57E-01	1.30E-08	1.0E+06	1.3E-02
113	0.18863	1.80E-03	3.4E-04	1.05E-03	3.54E-07	2.27E-01	1.57E-01	1.27E-08	1.0E+06	1.3E-02
114	0.1841	1.80E-03	3.3E-04	1.05E-03	3.46E-07	2.27E-01	1.57E-01	1.24E-08	1.0E+06	1.2E-02
115	0.17969	1.80E-03	3.2E-04	1.05E-03	3.37E-07	2.27E-01	1.57E-01	1.21E-08	1.0E+06	1.2E-02
116	0.1754	1.80E-03	3.2E-04	1.05E-03	3.29E-07	2.27E-01	1.57E-01	1.18E-08	1.0E+06	1.2E-02
117	0.17124	1.80E-03	3.1E-04	1.05E-03	3.22E-07	2.27E-01	1.57E-01	1.15E-08	1.0E+06	1.1E-02
118	0.16721	1.80E-03	3.0E-04	1.05E-03	3.14E-07	2.27E-01	1.57E-01	1.12E-08	1.0E+06	1.1E-02
119	0.16332	1.80E-03	2.9E-04	1.05E-03	3.07E-07	2.27E-01	1.57E-01	1.10E-08	1.0E+06	1.1E-02
120	0.15943	1.80E-03	2.9E-04	1.05E-03	2.99E-07	2.27E-01	1.57E-01	1.07E-08	1.0E+06	1.1E-02
121	0.25832	1.80E-03	4.6E-04	1.05E-03	4.85E-07	2.27E-01	1.57E-01	1.73E-08	1.0E+06	1.7E-02
122	0.25461	1.80E-03	4.6E-04	1.05E-03	4.78E-07	2.27E-01	1.57E-01	1.71E-08	1.0E+06	1.7E-02
123	0.25022	1.80E-03	4.5E-04	1.05E-03	4.70E-07	2.27E-01	1.57E-01	1.68E-08	1.0E+06	1.7E-02

Berkley WTPF

DREDG Unmitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
124	0.24499	1.80E-03	4.4E-04	1.05E-03	4.60E-07	2.27E-01	1.57E-01	1.64E-08	1.0E+06	1.6E-02
125	0.23966	1.80E-03	4.3E-04	1.05E-03	4.50E-07	2.27E-01	1.57E-01	1.61E-08	1.0E+06	1.6E-02
126	0.23425	1.80E-03	4.2E-04	1.05E-03	4.40E-07	2.27E-01	1.57E-01	1.57E-08	1.0E+06	1.6E-02
127	0.2288	1.80E-03	4.1E-04	1.05E-03	4.30E-07	2.27E-01	1.57E-01	1.54E-08	1.0E+06	1.5E-02
128	0.22336	1.80E-03	4.0E-04	1.05E-03	4.19E-07	2.27E-01	1.57E-01	1.50E-08	1.0E+06	1.5E-02
129	0.21799	1.80E-03	3.9E-04	1.05E-03	4.09E-07	2.27E-01	1.57E-01	1.46E-08	1.0E+06	1.5E-02
130	0.21273	1.80E-03	3.8E-04	1.05E-03	4.00E-07	2.27E-01	1.57E-01	1.43E-08	1.0E+06	1.4E-02
131	0.20764	1.80E-03	3.7E-04	1.05E-03	3.90E-07	2.27E-01	1.57E-01	1.39E-08	1.0E+06	1.4E-02
132	0.20273	1.80E-03	3.6E-04	1.05E-03	3.81E-07	2.27E-01	1.57E-01	1.36E-08	1.0E+06	1.4E-02
133	0.198	1.80E-03	3.6E-04	1.05E-03	3.72E-07	2.27E-01	1.57E-01	1.33E-08	1.0E+06	1.3E-02
134	0.19343	1.80E-03	3.5E-04	1.05E-03	3.63E-07	2.27E-01	1.57E-01	1.30E-08	1.0E+06	1.3E-02
135	0.189	1.80E-03	3.4E-04	1.05E-03	3.55E-07	2.27E-01	1.57E-01	1.27E-08	1.0E+06	1.3E-02
136	0.18468	1.80E-03	3.3E-04	1.05E-03	3.47E-07	2.27E-01	1.57E-01	1.24E-08	1.0E+06	1.2E-02
137	0.18046	1.80E-03	3.2E-04	1.05E-03	3.39E-07	2.27E-01	1.57E-01	1.21E-08	1.0E+06	1.2E-02
138	0.17633	1.80E-03	3.2E-04	1.05E-03	3.31E-07	2.27E-01	1.57E-01	1.18E-08	1.0E+06	1.2E-02
139	0.1723	1.80E-03	3.1E-04	1.05E-03	3.24E-07	2.27E-01	1.57E-01	1.16E-08	1.0E+06	1.2E-02
140	0.16838	1.80E-03	3.0E-04	1.05E-03	3.16E-07	2.27E-01	1.57E-01	1.13E-08	1.0E+06	1.1E-02
141	0.16455	1.80E-03	3.0E-04	1.05E-03	3.09E-07	2.27E-01	1.57E-01	1.10E-08	1.0E+06	1.1E-02
142	0.16084	1.80E-03	2.9E-04	1.05E-03	3.02E-07	2.27E-01	1.57E-01	1.08E-08	1.0E+06	1.1E-02
143	0.15724	1.80E-03	2.8E-04	1.05E-03	2.95E-07	2.27E-01	1.57E-01	1.06E-08	1.0E+06	1.1E-02
144	0.15349	1.80E-03	2.8E-04	1.05E-03	2.88E-07	2.27E-01	1.57E-01	1.03E-08	1.0E+06	1.0E-02
145	0.24159	1.80E-03	4.3E-04	1.05E-03	4.54E-07	2.27E-01	1.57E-01	1.62E-08	1.0E+06	1.6E-02
146	0.23846	1.80E-03	4.3E-04	1.05E-03	4.48E-07	2.27E-01	1.57E-01	1.60E-08	1.0E+06	1.6E-02
147	0.23475	1.80E-03	4.2E-04	1.05E-03	4.41E-07	2.27E-01	1.57E-01	1.58E-08	1.0E+06	1.6E-02
148	0.23033	1.80E-03	4.1E-04	1.05E-03	4.33E-07	2.27E-01	1.57E-01	1.55E-08	1.0E+06	1.5E-02
149	0.22583	1.80E-03	4.1E-04	1.05E-03	4.24E-07	2.27E-01	1.57E-01	1.52E-08	1.0E+06	1.5E-02
150	0.22124	1.80E-03	4.0E-04	1.05E-03	4.15E-07	2.27E-01	1.57E-01	1.48E-08	1.0E+06	1.5E-02
151	0.21659	1.80E-03	3.9E-04	1.05E-03	4.07E-07	2.27E-01	1.57E-01	1.45E-08	1.0E+06	1.5E-02
152	0.21189	1.80E-03	3.8E-04	1.05E-03	3.98E-07	2.27E-01	1.57E-01	1.42E-08	1.0E+06	1.4E-02
153	0.20718	1.80E-03	3.7E-04	1.05E-03	3.89E-07	2.27E-01	1.57E-01	1.39E-08	1.0E+06	1.4E-02
154	0.20251	1.80E-03	3.6E-04	1.05E-03	3.80E-07	2.27E-01	1.57E-01	1.36E-08	1.0E+06	1.4E-02

Berkley WTPF
DREDG Unmitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
155	0.19793	1.80E-03	3.6E-04	1.05E-03	3.72E-07	2.27E-01	1.57E-01	1.33E-08	1.0E+06	1.3E-02
156	0.19347	1.80E-03	3.5E-04	1.05E-03	3.63E-07	2.27E-01	1.57E-01	1.30E-08	1.0E+06	1.3E-02
157	0.18914	1.80E-03	3.4E-04	1.05E-03	3.55E-07	2.27E-01	1.57E-01	1.27E-08	1.0E+06	1.3E-02
158	0.18496	1.80E-03	3.3E-04	1.05E-03	3.47E-07	2.27E-01	1.57E-01	1.24E-08	1.0E+06	1.2E-02
159	0.18089	1.80E-03	3.3E-04	1.05E-03	3.40E-07	2.27E-01	1.57E-01	1.21E-08	1.0E+06	1.2E-02
160	0.17693	1.80E-03	3.2E-04	1.05E-03	3.32E-07	2.27E-01	1.57E-01	1.19E-08	1.0E+06	1.2E-02
161	0.17305	1.80E-03	3.1E-04	1.05E-03	3.25E-07	2.27E-01	1.57E-01	1.16E-08	1.0E+06	1.2E-02
162	0.16927	1.80E-03	3.0E-04	1.05E-03	3.18E-07	2.27E-01	1.57E-01	1.14E-08	1.0E+06	1.1E-02
163	0.16556	1.80E-03	3.0E-04	1.05E-03	3.11E-07	2.27E-01	1.57E-01	1.11E-08	1.0E+06	1.1E-02
164	0.16194	1.80E-03	2.9E-04	1.05E-03	3.04E-07	2.27E-01	1.57E-01	1.09E-08	1.0E+06	1.1E-02
165	0.1584	1.80E-03	2.8E-04	1.05E-03	2.97E-07	2.27E-01	1.57E-01	1.06E-08	1.0E+06	1.1E-02
166	0.15496	1.80E-03	2.8E-04	1.05E-03	2.91E-07	2.27E-01	1.57E-01	1.04E-08	1.0E+06	1.0E-02
167	0.15157	1.80E-03	2.7E-04	1.05E-03	2.85E-07	2.27E-01	1.57E-01	1.02E-08	1.0E+06	1.0E-02
168	0.22688	1.80E-03	4.1E-04	1.05E-03	4.26E-07	2.27E-01	1.57E-01	1.52E-08	1.0E+06	1.5E-02
169	0.22419	1.80E-03	4.0E-04	1.05E-03	4.21E-07	2.27E-01	1.57E-01	1.50E-08	1.0E+06	1.5E-02
170	0.221	1.80E-03	4.0E-04	1.05E-03	4.15E-07	2.27E-01	1.57E-01	1.48E-08	1.0E+06	1.5E-02
171	0.21719	1.80E-03	3.9E-04	1.05E-03	4.08E-07	2.27E-01	1.57E-01	1.46E-08	1.0E+06	1.5E-02
172	0.21334	1.80E-03	3.8E-04	1.05E-03	4.01E-07	2.27E-01	1.57E-01	1.43E-08	1.0E+06	1.4E-02
173	0.20942	1.80E-03	3.8E-04	1.05E-03	3.93E-07	2.27E-01	1.57E-01	1.41E-08	1.0E+06	1.4E-02
174	0.20545	1.80E-03	3.7E-04	1.05E-03	3.86E-07	2.27E-01	1.57E-01	1.38E-08	1.0E+06	1.4E-02
175	0.2014	1.80E-03	3.6E-04	1.05E-03	3.78E-07	2.27E-01	1.57E-01	1.35E-08	1.0E+06	1.4E-02
176	0.19731	1.80E-03	3.5E-04	1.05E-03	3.71E-07	2.27E-01	1.57E-01	1.32E-08	1.0E+06	1.3E-02
177	0.19321	1.80E-03	3.5E-04	1.05E-03	3.63E-07	2.27E-01	1.57E-01	1.30E-08	1.0E+06	1.3E-02
178	0.18912	1.80E-03	3.4E-04	1.05E-03	3.55E-07	2.27E-01	1.57E-01	1.27E-08	1.0E+06	1.3E-02
179	0.18509	1.80E-03	3.3E-04	1.05E-03	3.48E-07	2.27E-01	1.57E-01	1.24E-08	1.0E+06	1.2E-02
180	0.18116	1.80E-03	3.3E-04	1.05E-03	3.40E-07	2.27E-01	1.57E-01	1.22E-08	1.0E+06	1.2E-02
181	0.17732	1.80E-03	3.2E-04	1.05E-03	3.33E-07	2.27E-01	1.57E-01	1.19E-08	1.0E+06	1.2E-02
182	0.17358	1.80E-03	3.1E-04	1.05E-03	3.26E-07	2.27E-01	1.57E-01	1.16E-08	1.0E+06	1.2E-02
183	0.16992	1.80E-03	3.1E-04	1.05E-03	3.19E-07	2.27E-01	1.57E-01	1.14E-08	1.0E+06	1.1E-02
184	0.16635	1.80E-03	3.0E-04	1.05E-03	3.12E-07	2.27E-01	1.57E-01	1.12E-08	1.0E+06	1.1E-02
185	0.16285	1.80E-03	2.9E-04	1.05E-03	3.06E-07	2.27E-01	1.57E-01	1.09E-08	1.0E+06	1.1E-02

Berkley WTPF

DREDG Unmitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
186	0.15942	1.80E-03	2.9E-04	1.05E-03	2.99E-07	2.27E-01	1.57E-01	1.07E-08	1.0E+06	1.1E-02
187	0.15606	1.80E-03	2.8E-04	1.05E-03	2.93E-07	2.27E-01	1.57E-01	1.05E-08	1.0E+06	1.0E-02
188	0.15277	1.80E-03	2.7E-04	1.05E-03	2.87E-07	2.27E-01	1.57E-01	1.03E-08	1.0E+06	1.0E-02
189	0.14956	1.80E-03	2.7E-04	1.05E-03	2.81E-07	2.27E-01	1.57E-01	1.00E-08	1.0E+06	1.0E-02
190	0.14586	1.80E-03	2.6E-04	1.05E-03	2.74E-07	2.27E-01	1.57E-01	9.79E-09	1.0E+06	9.8E-03
191	0.21436	1.80E-03	3.9E-04	1.05E-03	4.03E-07	2.27E-01	1.57E-01	1.44E-08	1.0E+06	1.4E-02
192	0.21171	1.80E-03	3.8E-04	1.05E-03	3.98E-07	2.27E-01	1.57E-01	1.42E-08	1.0E+06	1.4E-02
193	0.20872	1.80E-03	3.8E-04	1.05E-03	3.92E-07	2.27E-01	1.57E-01	1.40E-08	1.0E+06	1.4E-02
194	0.2054	1.80E-03	3.7E-04	1.05E-03	3.86E-07	2.27E-01	1.57E-01	1.38E-08	1.0E+06	1.4E-02
195	0.20205	1.80E-03	3.6E-04	1.05E-03	3.79E-07	2.27E-01	1.57E-01	1.36E-08	1.0E+06	1.4E-02
196	0.19867	1.80E-03	3.6E-04	1.05E-03	3.73E-07	2.27E-01	1.57E-01	1.33E-08	1.0E+06	1.3E-02
197	0.19524	1.80E-03	3.5E-04	1.05E-03	3.67E-07	2.27E-01	1.57E-01	1.31E-08	1.0E+06	1.3E-02
198	0.19175	1.80E-03	3.4E-04	1.05E-03	3.60E-07	2.27E-01	1.57E-01	1.29E-08	1.0E+06	1.3E-02
199	0.18821	1.80E-03	3.4E-04	1.05E-03	3.53E-07	2.27E-01	1.57E-01	1.26E-08	1.0E+06	1.3E-02
200	0.18462	1.80E-03	3.3E-04	1.05E-03	3.47E-07	2.27E-01	1.57E-01	1.24E-08	1.0E+06	1.2E-02
201	0.17036	1.80E-03	3.1E-04	1.05E-03	3.20E-07	2.27E-01	1.57E-01	1.14E-08	1.0E+06	1.1E-02
202	0.16693	1.80E-03	3.0E-04	1.05E-03	3.14E-07	2.27E-01	1.57E-01	1.12E-08	1.0E+06	1.1E-02
203	0.16356	1.80E-03	2.9E-04	1.05E-03	3.07E-07	2.27E-01	1.57E-01	1.10E-08	1.0E+06	1.1E-02
204	0.16026	1.80E-03	2.9E-04	1.05E-03	3.01E-07	2.27E-01	1.57E-01	1.08E-08	1.0E+06	1.1E-02
205	0.15702	1.80E-03	2.8E-04	1.05E-03	2.95E-07	2.27E-01	1.57E-01	1.05E-08	1.0E+06	1.1E-02
206	0.15383	1.80E-03	2.8E-04	1.05E-03	2.89E-07	2.27E-01	1.57E-01	1.03E-08	1.0E+06	1.0E-02
207	0.1507	1.80E-03	2.7E-04	1.05E-03	2.83E-07	2.27E-01	1.57E-01	1.01E-08	1.0E+06	1.0E-02
208	0.14763	1.80E-03	2.7E-04	1.05E-03	2.77E-07	2.27E-01	1.57E-01	9.91E-09	1.0E+06	9.9E-03
209	0.14462	1.80E-03	2.6E-04	1.05E-03	2.72E-07	2.27E-01	1.57E-01	9.71E-09	1.0E+06	9.7E-03
210	0.14093	1.80E-03	2.5E-04	1.05E-03	2.65E-07	2.27E-01	1.57E-01	9.46E-09	1.0E+06	9.5E-03
211	0.20343	1.80E-03	3.7E-04	1.05E-03	3.82E-07	2.27E-01	1.57E-01	1.37E-08	1.0E+06	1.4E-02
212	0.20063	1.80E-03	3.6E-04	1.05E-03	3.77E-07	2.27E-01	1.57E-01	1.35E-08	1.0E+06	1.3E-02
213	0.19771	1.80E-03	3.6E-04	1.05E-03	3.71E-07	2.27E-01	1.57E-01	1.33E-08	1.0E+06	1.3E-02
214	0.19477	1.80E-03	3.5E-04	1.05E-03	3.66E-07	2.27E-01	1.57E-01	1.31E-08	1.0E+06	1.3E-02
215	0.19182	1.80E-03	3.4E-04	1.05E-03	3.60E-07	2.27E-01	1.57E-01	1.29E-08	1.0E+06	1.3E-02
216	0.18886	1.80E-03	3.4E-04	1.05E-03	3.55E-07	2.27E-01	1.57E-01	1.27E-08	1.0E+06	1.3E-02

Berkley WTPF
DREDG Unmitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
217	0.18587	1.80E-03	3.3E-04	1.05E-03	3.49E-07	2.27E-01	1.57E-01	1.25E-08	1.0E+06	1.2E-02
218	0.18285	1.80E-03	3.3E-04	1.05E-03	3.43E-07	2.27E-01	1.57E-01	1.23E-08	1.0E+06	1.2E-02
219	0.17977	1.80E-03	3.2E-04	1.05E-03	3.38E-07	2.27E-01	1.57E-01	1.21E-08	1.0E+06	1.2E-02
220	0.15773	1.80E-03	2.8E-04	1.05E-03	2.96E-07	2.27E-01	1.57E-01	1.06E-08	1.0E+06	1.1E-02
221	0.15468	1.80E-03	2.8E-04	1.05E-03	2.90E-07	2.27E-01	1.57E-01	1.04E-08	1.0E+06	1.0E-02
222	0.15168	1.80E-03	2.7E-04	1.05E-03	2.85E-07	2.27E-01	1.57E-01	1.02E-08	1.0E+06	1.0E-02
223	0.14872	1.80E-03	2.7E-04	1.05E-03	2.79E-07	2.27E-01	1.57E-01	9.98E-09	1.0E+06	1.0E-02
224	0.1458	1.80E-03	2.6E-04	1.05E-03	2.74E-07	2.27E-01	1.57E-01	9.78E-09	1.0E+06	9.8E-03
225	0.14292	1.80E-03	2.6E-04	1.05E-03	2.68E-07	2.27E-01	1.57E-01	9.59E-09	1.0E+06	9.6E-03
226	0.14008	1.80E-03	2.5E-04	1.05E-03	2.63E-07	2.27E-01	1.57E-01	9.40E-09	1.0E+06	9.4E-03
227	0.19511	1.80E-03	3.5E-04	1.05E-03	3.66E-07	2.27E-01	1.57E-01	1.31E-08	1.0E+06	1.3E-02
228	0.19291	1.80E-03	3.5E-04	1.05E-03	3.62E-07	2.27E-01	1.57E-01	1.29E-08	1.0E+06	1.3E-02
229	0.19039	1.80E-03	3.4E-04	1.05E-03	3.58E-07	2.27E-01	1.57E-01	1.28E-08	1.0E+06	1.3E-02
230	0.18779	1.80E-03	3.4E-04	1.05E-03	3.53E-07	2.27E-01	1.57E-01	1.26E-08	1.0E+06	1.3E-02
231	0.18516	1.80E-03	3.3E-04	1.05E-03	3.48E-07	2.27E-01	1.57E-01	1.24E-08	1.0E+06	1.2E-02
232	0.18253	1.80E-03	3.3E-04	1.05E-03	3.43E-07	2.27E-01	1.57E-01	1.22E-08	1.0E+06	1.2E-02
233	0.17991	1.80E-03	3.2E-04	1.05E-03	3.38E-07	2.27E-01	1.57E-01	1.21E-08	1.0E+06	1.2E-02
234	0.17727	1.80E-03	3.2E-04	1.05E-03	3.33E-07	2.27E-01	1.57E-01	1.19E-08	1.0E+06	1.2E-02
235	0.17462	1.80E-03	3.1E-04	1.05E-03	3.28E-07	2.27E-01	1.57E-01	1.17E-08	1.0E+06	1.2E-02
236	0.17194	1.80E-03	3.1E-04	1.05E-03	3.23E-07	2.27E-01	1.57E-01	1.15E-08	1.0E+06	1.2E-02
237	0.15513	1.80E-03	2.8E-04	1.05E-03	2.91E-07	2.27E-01	1.57E-01	1.04E-08	1.0E+06	1.0E-02
238	0.15231	1.80E-03	2.7E-04	1.05E-03	2.86E-07	2.27E-01	1.57E-01	1.02E-08	1.0E+06	1.0E-02
239	0.14952	1.80E-03	2.7E-04	1.05E-03	2.81E-07	2.27E-01	1.57E-01	1.00E-08	1.0E+06	1.0E-02
240	0.14676	1.80E-03	2.6E-04	1.05E-03	2.76E-07	2.27E-01	1.57E-01	9.85E-09	1.0E+06	9.8E-03
241	0.14401	1.80E-03	2.6E-04	1.05E-03	2.70E-07	2.27E-01	1.57E-01	9.66E-09	1.0E+06	9.7E-03
242	0.1413	1.80E-03	2.5E-04	1.05E-03	2.65E-07	2.27E-01	1.57E-01	9.48E-09	1.0E+06	9.5E-03
243	0.13849	1.80E-03	2.5E-04	1.05E-03	2.60E-07	2.27E-01	1.57E-01	9.29E-09	1.0E+06	9.3E-03
244	0.13557	1.80E-03	2.4E-04	1.05E-03	2.55E-07	2.27E-01	1.57E-01	9.10E-09	1.0E+06	9.1E-03
245	0.18114	1.80E-03	3.3E-04	1.05E-03	3.40E-07	2.27E-01	1.57E-01	1.22E-08	1.0E+06	1.2E-02
246	0.17881	1.80E-03	3.2E-04	1.05E-03	3.36E-07	2.27E-01	1.57E-01	1.20E-08	1.0E+06	1.2E-02
247	0.17645	1.80E-03	3.2E-04	1.05E-03	3.31E-07	2.27E-01	1.57E-01	1.18E-08	1.0E+06	1.2E-02

Berkley WTPF

DREDG Unmitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
248	0.17408	1.80E-03	3.1E-04	1.05E-03	3.27E-07	2.27E-01	1.57E-01	1.17E-08	1.0E+06	1.2E-02
249	0.17172	1.80E-03	3.1E-04	1.05E-03	3.22E-07	2.27E-01	1.57E-01	1.15E-08	1.0E+06	1.2E-02
250	0.16938	1.80E-03	3.0E-04	1.05E-03	3.18E-07	2.27E-01	1.57E-01	1.14E-08	1.0E+06	1.1E-02
251	0.16703	1.80E-03	3.0E-04	1.05E-03	3.14E-07	2.27E-01	1.57E-01	1.12E-08	1.0E+06	1.1E-02
252	0.16466	1.80E-03	3.0E-04	1.05E-03	3.09E-07	2.27E-01	1.57E-01	1.11E-08	1.0E+06	1.1E-02
253	0.14978	1.80E-03	2.7E-04	1.05E-03	2.81E-07	2.27E-01	1.57E-01	1.01E-08	1.0E+06	1.0E-02
254	0.14724	1.80E-03	2.6E-04	1.05E-03	2.77E-07	2.27E-01	1.57E-01	9.88E-09	1.0E+06	9.9E-03
255	0.1447	1.80E-03	2.6E-04	1.05E-03	2.72E-07	2.27E-01	1.57E-01	9.71E-09	1.0E+06	9.7E-03
256	0.14216	1.80E-03	2.6E-04	1.05E-03	2.67E-07	2.27E-01	1.57E-01	9.54E-09	1.0E+06	9.5E-03
257	0.13963	1.80E-03	2.5E-04	1.05E-03	2.62E-07	2.27E-01	1.57E-01	9.37E-09	1.0E+06	9.4E-03
258	0.13712	1.80E-03	2.5E-04	1.05E-03	2.58E-07	2.27E-01	1.57E-01	9.20E-09	1.0E+06	9.2E-03
259	0.13439	1.80E-03	2.4E-04	1.05E-03	2.52E-07	2.27E-01	1.57E-01	9.02E-09	1.0E+06	9.0E-03
260	0.16211	1.80E-03	2.9E-04	1.05E-03	3.04E-07	2.27E-01	1.57E-01	1.09E-08	1.0E+06	1.1E-02
261	0.16001	1.80E-03	2.9E-04	1.05E-03	3.01E-07	2.27E-01	1.57E-01	1.07E-08	1.0E+06	1.1E-02
262	0.14698	1.80E-03	2.6E-04	1.05E-03	2.76E-07	2.27E-01	1.57E-01	9.86E-09	1.0E+06	9.9E-03
263	0.14472	1.80E-03	2.6E-04	1.05E-03	2.72E-07	2.27E-01	1.57E-01	9.71E-09	1.0E+06	9.7E-03
264	0.14244	1.80E-03	2.6E-04	1.05E-03	2.68E-07	2.27E-01	1.57E-01	9.56E-09	1.0E+06	9.6E-03
265	0.14014	1.80E-03	2.5E-04	1.05E-03	2.63E-07	2.27E-01	1.57E-01	9.40E-09	1.0E+06	9.4E-03
266	0.13783	1.80E-03	2.5E-04	1.05E-03	2.59E-07	2.27E-01	1.57E-01	9.25E-09	1.0E+06	9.2E-03
267	0.13552	1.80E-03	2.4E-04	1.05E-03	2.55E-07	2.27E-01	1.57E-01	9.09E-09	1.0E+06	9.1E-03
268	0.13318	1.80E-03	2.4E-04	1.05E-03	2.50E-07	2.27E-01	1.57E-01	8.94E-09	1.0E+06	8.9E-03
269	0.13056	1.80E-03	2.3E-04	1.05E-03	2.45E-07	2.27E-01	1.57E-01	8.76E-09	1.0E+06	8.8E-03
270	0.14191	1.80E-03	2.5E-04	1.05E-03	2.67E-07	2.27E-01	1.57E-01	9.52E-09	1.0E+06	9.5E-03
271	0.1399	1.80E-03	2.5E-04	1.05E-03	2.63E-07	2.27E-01	1.57E-01	9.39E-09	1.0E+06	9.4E-03
272	0.13786	1.80E-03	2.5E-04	1.05E-03	2.59E-07	2.27E-01	1.57E-01	9.25E-09	1.0E+06	9.3E-03
273	0.1358	1.80E-03	2.4E-04	1.05E-03	2.55E-07	2.27E-01	1.57E-01	9.11E-09	1.0E+06	9.1E-03
274	0.13371	1.80E-03	2.4E-04	1.05E-03	2.51E-07	2.27E-01	1.57E-01	8.97E-09	1.0E+06	9.0E-03
275	0.13161	1.80E-03	2.4E-04	1.05E-03	2.47E-07	2.27E-01	1.57E-01	8.83E-09	1.0E+06	8.8E-03
276	0.12926	1.80E-03	2.3E-04	1.05E-03	2.43E-07	2.27E-01	1.57E-01	8.67E-09	1.0E+06	8.7E-03
277	0.16496	1.80E-03	3.0E-04	1.05E-03	3.10E-07	2.27E-01	1.57E-01	1.11E-08	1.0E+06	1.1E-02
278	0.16409	1.80E-03	2.9E-04	1.05E-03	3.08E-07	2.27E-01	1.57E-01	1.10E-08	1.0E+06	1.1E-02

Berkley WTPF
DREDG Unmitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
279	0.16279	1.80E-03	2.9E-04	1.05E-03	3.06E-07	2.27E-01	1.57E-01	1.09E-08	1.0E+06	1.1E-02
280	0.16133	1.80E-03	2.9E-04	1.05E-03	3.03E-07	2.27E-01	1.57E-01	1.08E-08	1.0E+06	1.1E-02
281	0.15975	1.80E-03	2.9E-04	1.05E-03	3.00E-07	2.27E-01	1.57E-01	1.07E-08	1.0E+06	1.1E-02
282	0.13885	1.80E-03	2.5E-04	1.05E-03	2.61E-07	2.27E-01	1.57E-01	9.32E-09	1.0E+06	9.3E-03
283	0.13708	1.80E-03	2.5E-04	1.05E-03	2.57E-07	2.27E-01	1.57E-01	9.20E-09	1.0E+06	9.2E-03
284	0.13529	1.80E-03	2.4E-04	1.05E-03	2.54E-07	2.27E-01	1.57E-01	9.08E-09	1.0E+06	9.1E-03
285	0.13348	1.80E-03	2.4E-04	1.05E-03	2.51E-07	2.27E-01	1.57E-01	8.96E-09	1.0E+06	9.0E-03
286	0.13164	1.80E-03	2.4E-04	1.05E-03	2.47E-07	2.27E-01	1.57E-01	8.83E-09	1.0E+06	8.8E-03
287	0.12977	1.80E-03	2.3E-04	1.05E-03	2.44E-07	2.27E-01	1.57E-01	8.71E-09	1.0E+06	8.7E-03
288	0.12787	1.80E-03	2.3E-04	1.05E-03	2.40E-07	2.27E-01	1.57E-01	8.58E-09	1.0E+06	8.6E-03
289	0.12552	1.80E-03	2.3E-04	1.05E-03	2.36E-07	2.27E-01	1.57E-01	8.42E-09	1.0E+06	8.4E-03
290	0.15903	1.80E-03	2.9E-04	1.05E-03	2.99E-07	2.27E-01	1.57E-01	1.07E-08	1.0E+06	1.1E-02
291	0.15825	1.80E-03	2.8E-04	1.05E-03	2.97E-07	2.27E-01	1.57E-01	1.06E-08	1.0E+06	1.1E-02
292	0.15714	1.80E-03	2.8E-04	1.05E-03	2.95E-07	2.27E-01	1.57E-01	1.05E-08	1.0E+06	1.1E-02
293	0.15593	1.80E-03	2.8E-04	1.05E-03	2.93E-07	2.27E-01	1.57E-01	1.05E-08	1.0E+06	1.0E-02
294	0.15461	1.80E-03	2.8E-04	1.05E-03	2.90E-07	2.27E-01	1.57E-01	1.04E-08	1.0E+06	1.0E-02
295	0.15317	1.80E-03	2.8E-04	1.05E-03	2.88E-07	2.27E-01	1.57E-01	1.03E-08	1.0E+06	1.0E-02
296	0.15164	1.80E-03	2.7E-04	1.05E-03	2.85E-07	2.27E-01	1.57E-01	1.02E-08	1.0E+06	1.0E-02
297	0.15006	1.80E-03	2.7E-04	1.05E-03	2.82E-07	2.27E-01	1.57E-01	1.01E-08	1.0E+06	1.0E-02
298	0.14844	1.80E-03	2.7E-04	1.05E-03	2.79E-07	2.27E-01	1.57E-01	9.96E-09	1.0E+06	1.0E-02
299	0.1468	1.80E-03	2.6E-04	1.05E-03	2.76E-07	2.27E-01	1.57E-01	9.85E-09	1.0E+06	9.9E-03
300	0.14516	1.80E-03	2.6E-04	1.05E-03	2.73E-07	2.27E-01	1.57E-01	9.74E-09	1.0E+06	9.7E-03
301	0.13408	1.80E-03	2.4E-04	1.05E-03	2.52E-07	2.27E-01	1.57E-01	9.00E-09	1.0E+06	9.0E-03
302	0.1325	1.80E-03	2.4E-04	1.05E-03	2.49E-07	2.27E-01	1.57E-01	8.89E-09	1.0E+06	8.9E-03
303	0.1309	1.80E-03	2.4E-04	1.05E-03	2.46E-07	2.27E-01	1.57E-01	8.78E-09	1.0E+06	8.8E-03
304	0.12928	1.80E-03	2.3E-04	1.05E-03	2.43E-07	2.27E-01	1.57E-01	8.68E-09	1.0E+06	8.7E-03
305	0.12764	1.80E-03	2.3E-04	1.05E-03	2.40E-07	2.27E-01	1.57E-01	8.57E-09	1.0E+06	8.6E-03
306	0.12597	1.80E-03	2.3E-04	1.05E-03	2.37E-07	2.27E-01	1.57E-01	8.45E-09	1.0E+06	8.5E-03
307	0.12427	1.80E-03	2.2E-04	1.05E-03	2.33E-07	2.27E-01	1.57E-01	8.34E-09	1.0E+06	8.3E-03
308	0.15246	1.80E-03	2.7E-04	1.05E-03	2.86E-07	2.27E-01	1.57E-01	1.02E-08	1.0E+06	1.0E-02
309	0.15175	1.80E-03	2.7E-04	1.05E-03	2.85E-07	2.27E-01	1.57E-01	1.02E-08	1.0E+06	1.0E-02

Berkley WTPF

DREDG Unmitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
310	0.15074	1.80E-03	2.7E-04	1.05E-03	2.83E-07	2.27E-01	1.57E-01	1.01E-08	1.0E+06	1.0E-02
311	0.14964	1.80E-03	2.7E-04	1.05E-03	2.81E-07	2.27E-01	1.57E-01	1.00E-08	1.0E+06	1.0E-02
312	0.14843	1.80E-03	2.7E-04	1.05E-03	2.79E-07	2.27E-01	1.57E-01	9.96E-09	1.0E+06	1.0E-02
313	0.14712	1.80E-03	2.6E-04	1.05E-03	2.76E-07	2.27E-01	1.57E-01	9.87E-09	1.0E+06	9.9E-03
314	0.14572	1.80E-03	2.6E-04	1.05E-03	2.74E-07	2.27E-01	1.57E-01	9.78E-09	1.0E+06	9.8E-03
315	0.14426	1.80E-03	2.6E-04	1.05E-03	2.71E-07	2.27E-01	1.57E-01	9.68E-09	1.0E+06	9.7E-03
316	0.14277	1.80E-03	2.6E-04	1.05E-03	2.68E-07	2.27E-01	1.57E-01	9.58E-09	1.0E+06	9.6E-03
317	0.14126	1.80E-03	2.5E-04	1.05E-03	2.65E-07	2.27E-01	1.57E-01	9.48E-09	1.0E+06	9.5E-03
318	0.13975	1.80E-03	2.5E-04	1.05E-03	2.62E-07	2.27E-01	1.57E-01	9.38E-09	1.0E+06	9.4E-03
319	0.13825	1.80E-03	2.5E-04	1.05E-03	2.60E-07	2.27E-01	1.57E-01	9.28E-09	1.0E+06	9.3E-03
320	0.13677	1.80E-03	2.5E-04	1.05E-03	2.57E-07	2.27E-01	1.57E-01	9.18E-09	1.0E+06	9.2E-03
321	0.13531	1.80E-03	2.4E-04	1.05E-03	2.54E-07	2.27E-01	1.57E-01	9.08E-09	1.0E+06	9.1E-03
322	0.13386	1.80E-03	2.4E-04	1.05E-03	2.51E-07	2.27E-01	1.57E-01	8.98E-09	1.0E+06	9.0E-03
323	0.12957	1.80E-03	2.3E-04	1.05E-03	2.43E-07	2.27E-01	1.57E-01	8.70E-09	1.0E+06	8.7E-03
324	0.12815	1.80E-03	2.3E-04	1.05E-03	2.41E-07	2.27E-01	1.57E-01	8.60E-09	1.0E+06	8.6E-03
325	0.12671	1.80E-03	2.3E-04	1.05E-03	2.38E-07	2.27E-01	1.57E-01	8.50E-09	1.0E+06	8.5E-03
326	0.12527	1.80E-03	2.3E-04	1.05E-03	2.35E-07	2.27E-01	1.57E-01	8.41E-09	1.0E+06	8.4E-03
327	0.1238	1.80E-03	2.2E-04	1.05E-03	2.33E-07	2.27E-01	1.57E-01	8.31E-09	1.0E+06	8.3E-03
328	0.12231	1.80E-03	2.2E-04	1.05E-03	2.30E-07	2.27E-01	1.57E-01	8.21E-09	1.0E+06	8.2E-03
329	0.12079	1.80E-03	2.2E-04	1.05E-03	2.27E-07	2.27E-01	1.57E-01	8.11E-09	1.0E+06	8.1E-03
330	0.14642	1.80E-03	2.6E-04	1.05E-03	2.75E-07	2.27E-01	1.57E-01	9.83E-09	1.0E+06	9.8E-03
331	0.14577	1.80E-03	2.6E-04	1.05E-03	2.74E-07	2.27E-01	1.57E-01	9.78E-09	1.0E+06	9.8E-03
332	0.14484	1.80E-03	2.6E-04	1.05E-03	2.72E-07	2.27E-01	1.57E-01	9.72E-09	1.0E+06	9.7E-03
333	0.14384	1.80E-03	2.6E-04	1.05E-03	2.70E-07	2.27E-01	1.57E-01	9.65E-09	1.0E+06	9.7E-03
334	0.14274	1.80E-03	2.6E-04	1.05E-03	2.68E-07	2.27E-01	1.57E-01	9.58E-09	1.0E+06	9.6E-03
335	0.14153	1.80E-03	2.5E-04	1.05E-03	2.66E-07	2.27E-01	1.57E-01	9.50E-09	1.0E+06	9.5E-03
336	0.14024	1.80E-03	2.5E-04	1.05E-03	2.63E-07	2.27E-01	1.57E-01	9.41E-09	1.0E+06	9.4E-03
337	0.1389	1.80E-03	2.5E-04	1.05E-03	2.61E-07	2.27E-01	1.57E-01	9.32E-09	1.0E+06	9.3E-03
338	0.13752	1.80E-03	2.5E-04	1.05E-03	2.58E-07	2.27E-01	1.57E-01	9.23E-09	1.0E+06	9.2E-03
339	0.13612	1.80E-03	2.4E-04	1.05E-03	2.56E-07	2.27E-01	1.57E-01	9.13E-09	1.0E+06	9.1E-03
340	0.13473	1.80E-03	2.4E-04	1.05E-03	2.53E-07	2.27E-01	1.57E-01	9.04E-09	1.0E+06	9.0E-03

Berkley WTPF
DREDG Unmitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
341	0.13334	1.80E-03	2.4E-04	1.05E-03	2.50E-07	2.27E-01	1.57E-01	8.95E-09	1.0E+06	8.9E-03
342	0.13196	1.80E-03	2.4E-04	1.05E-03	2.48E-07	2.27E-01	1.57E-01	8.86E-09	1.0E+06	8.9E-03
343	0.13061	1.80E-03	2.3E-04	1.05E-03	2.45E-07	2.27E-01	1.57E-01	8.77E-09	1.0E+06	8.8E-03
344	0.12927	1.80E-03	2.3E-04	1.05E-03	2.43E-07	2.27E-01	1.57E-01	8.68E-09	1.0E+06	8.7E-03
345	0.12794	1.80E-03	2.3E-04	1.05E-03	2.40E-07	2.27E-01	1.57E-01	8.59E-09	1.0E+06	8.6E-03
346	0.12663	1.80E-03	2.3E-04	1.05E-03	2.38E-07	2.27E-01	1.57E-01	8.50E-09	1.0E+06	8.5E-03
347	0.12532	1.80E-03	2.3E-04	1.05E-03	2.35E-07	2.27E-01	1.57E-01	8.41E-09	1.0E+06	8.4E-03
348	0.12403	1.80E-03	2.2E-04	1.05E-03	2.33E-07	2.27E-01	1.57E-01	8.32E-09	1.0E+06	8.3E-03
349	0.12273	1.80E-03	2.2E-04	1.05E-03	2.30E-07	2.27E-01	1.57E-01	8.24E-09	1.0E+06	8.2E-03
350	0.12143	1.80E-03	2.2E-04	1.05E-03	2.28E-07	2.27E-01	1.57E-01	8.15E-09	1.0E+06	8.1E-03
351	0.12	1.80E-03	2.2E-04	1.05E-03	2.25E-07	2.27E-01	1.57E-01	8.05E-09	1.0E+06	8.1E-03
352	0.11861	1.80E-03	2.1E-04	1.05E-03	2.23E-07	2.27E-01	1.57E-01	7.96E-09	1.0E+06	8.0E-03
353	0.14084	1.80E-03	2.5E-04	1.05E-03	2.65E-07	2.27E-01	1.57E-01	9.45E-09	1.0E+06	9.5E-03
354	0.14025	1.80E-03	2.5E-04	1.05E-03	2.63E-07	2.27E-01	1.57E-01	9.41E-09	1.0E+06	9.4E-03
355	0.1394	1.80E-03	2.5E-04	1.05E-03	2.62E-07	2.27E-01	1.57E-01	9.36E-09	1.0E+06	9.4E-03
356	0.13848	1.80E-03	2.5E-04	1.05E-03	2.60E-07	2.27E-01	1.57E-01	9.29E-09	1.0E+06	9.3E-03
357	0.13747	1.80E-03	2.5E-04	1.05E-03	2.58E-07	2.27E-01	1.57E-01	9.23E-09	1.0E+06	9.2E-03
358	0.13636	1.80E-03	2.5E-04	1.05E-03	2.56E-07	2.27E-01	1.57E-01	9.15E-09	1.0E+06	9.2E-03
359	0.13517	1.80E-03	2.4E-04	1.05E-03	2.54E-07	2.27E-01	1.57E-01	9.07E-09	1.0E+06	9.1E-03
360	0.13392	1.80E-03	2.4E-04	1.05E-03	2.52E-07	2.27E-01	1.57E-01	8.99E-09	1.0E+06	9.0E-03
361	0.13265	1.80E-03	2.4E-04	1.05E-03	2.49E-07	2.27E-01	1.57E-01	8.90E-09	1.0E+06	8.9E-03
362	0.13135	1.80E-03	2.4E-04	1.05E-03	2.47E-07	2.27E-01	1.57E-01	8.81E-09	1.0E+06	8.8E-03
363	0.13005	1.80E-03	2.3E-04	1.05E-03	2.44E-07	2.27E-01	1.57E-01	8.73E-09	1.0E+06	8.7E-03
364	0.12876	1.80E-03	2.3E-04	1.05E-03	2.42E-07	2.27E-01	1.57E-01	8.64E-09	1.0E+06	8.6E-03
365	0.12748	1.80E-03	2.3E-04	1.05E-03	2.39E-07	2.27E-01	1.57E-01	8.56E-09	1.0E+06	8.6E-03
366	0.12622	1.80E-03	2.3E-04	1.05E-03	2.37E-07	2.27E-01	1.57E-01	8.47E-09	1.0E+06	8.5E-03
367	0.12497	1.80E-03	2.2E-04	1.05E-03	2.35E-07	2.27E-01	1.57E-01	8.39E-09	1.0E+06	8.4E-03
368	0.12374	1.80E-03	2.2E-04	1.05E-03	2.32E-07	2.27E-01	1.57E-01	8.30E-09	1.0E+06	8.3E-03
369	0.12252	1.80E-03	2.2E-04	1.05E-03	2.30E-07	2.27E-01	1.57E-01	8.22E-09	1.0E+06	8.2E-03
370	0.1213	1.80E-03	2.2E-04	1.05E-03	2.28E-07	2.27E-01	1.57E-01	8.14E-09	1.0E+06	8.1E-03
371	0.12009	1.80E-03	2.2E-04	1.05E-03	2.26E-07	2.27E-01	1.57E-01	8.06E-09	1.0E+06	8.1E-03

Berkley WTPF
DREDG Unmitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
372	0.1189	1.80E-03	2.1E-04	1.05E-03	2.23E-07	2.27E-01	1.57E-01	7.98E-09	1.0E+06	8.0E-03
373	0.13514	1.80E-03	2.4E-04	1.05E-03	2.54E-07	2.27E-01	1.57E-01	9.07E-09	1.0E+06	9.1E-03
374	0.13436	1.80E-03	2.4E-04	1.05E-03	2.52E-07	2.27E-01	1.57E-01	9.02E-09	1.0E+06	9.0E-03
375	0.13352	1.80E-03	2.4E-04	1.05E-03	2.51E-07	2.27E-01	1.57E-01	8.96E-09	1.0E+06	9.0E-03
376	0.13258	1.80E-03	2.4E-04	1.05E-03	2.49E-07	2.27E-01	1.57E-01	8.90E-09	1.0E+06	8.9E-03
377	0.13156	1.80E-03	2.4E-04	1.05E-03	2.47E-07	2.27E-01	1.57E-01	8.83E-09	1.0E+06	8.8E-03
378	0.13046	1.80E-03	2.3E-04	1.05E-03	2.45E-07	2.27E-01	1.57E-01	8.76E-09	1.0E+06	8.8E-03
379	0.1293	1.80E-03	2.3E-04	1.05E-03	2.43E-07	2.27E-01	1.57E-01	8.68E-09	1.0E+06	8.7E-03
380	0.12811	1.80E-03	2.3E-04	1.05E-03	2.41E-07	2.27E-01	1.57E-01	8.60E-09	1.0E+06	8.6E-03
381	0.1269	1.80E-03	2.3E-04	1.05E-03	2.38E-07	2.27E-01	1.57E-01	8.52E-09	1.0E+06	8.5E-03
382	0.12569	1.80E-03	2.3E-04	1.05E-03	2.36E-07	2.27E-01	1.57E-01	8.44E-09	1.0E+06	8.4E-03
383	0.12449	1.80E-03	2.2E-04	1.05E-03	2.34E-07	2.27E-01	1.57E-01	8.35E-09	1.0E+06	8.4E-03
384	0.12329	1.80E-03	2.2E-04	1.05E-03	2.32E-07	2.27E-01	1.57E-01	8.27E-09	1.0E+06	8.3E-03
385	0.12211	1.80E-03	2.2E-04	1.05E-03	2.29E-07	2.27E-01	1.57E-01	8.19E-09	1.0E+06	8.2E-03
386	0.12095	1.80E-03	2.2E-04	1.05E-03	2.27E-07	2.27E-01	1.57E-01	8.12E-09	1.0E+06	8.1E-03
387	0.1198	1.80E-03	2.2E-04	1.05E-03	2.25E-07	2.27E-01	1.57E-01	8.04E-09	1.0E+06	8.0E-03
388	0.11857	1.80E-03	2.1E-04	1.05E-03	2.23E-07	2.27E-01	1.57E-01	7.96E-09	1.0E+06	8.0E-03
389	0.13018	1.80E-03	2.3E-04	1.05E-03	2.44E-07	2.27E-01	1.57E-01	8.74E-09	1.0E+06	8.7E-03
390	0.12947	1.80E-03	2.3E-04	1.05E-03	2.43E-07	2.27E-01	1.57E-01	8.69E-09	1.0E+06	8.7E-03
391	0.12882	1.80E-03	2.3E-04	1.05E-03	2.42E-07	2.27E-01	1.57E-01	8.65E-09	1.0E+06	8.6E-03
392	0.12804	1.80E-03	2.3E-04	1.05E-03	2.40E-07	2.27E-01	1.57E-01	8.59E-09	1.0E+06	8.6E-03
393	0.12709	1.80E-03	2.3E-04	1.05E-03	2.39E-07	2.27E-01	1.57E-01	8.53E-09	1.0E+06	8.5E-03
394	0.12607	1.80E-03	2.3E-04	1.05E-03	2.37E-07	2.27E-01	1.57E-01	8.46E-09	1.0E+06	8.5E-03
395	0.12499	1.80E-03	2.2E-04	1.05E-03	2.35E-07	2.27E-01	1.57E-01	8.39E-09	1.0E+06	8.4E-03
396	0.12388	1.80E-03	2.2E-04	1.05E-03	2.33E-07	2.27E-01	1.57E-01	8.31E-09	1.0E+06	8.3E-03
397	0.12275	1.80E-03	2.2E-04	1.05E-03	2.31E-07	2.27E-01	1.57E-01	8.24E-09	1.0E+06	8.2E-03
398	0.12162	1.80E-03	2.2E-04	1.05E-03	2.28E-07	2.27E-01	1.57E-01	8.16E-09	1.0E+06	8.2E-03
399	0.12049	1.80E-03	2.2E-04	1.05E-03	2.26E-07	2.27E-01	1.57E-01	8.09E-09	1.0E+06	8.1E-03
400	0.11937	1.80E-03	2.1E-04	1.05E-03	2.24E-07	2.27E-01	1.57E-01	8.01E-09	1.0E+06	8.0E-03
401	0.11827	1.80E-03	2.1E-04	1.05E-03	2.22E-07	2.27E-01	1.57E-01	7.94E-09	1.0E+06	7.9E-03
402	0.11717	1.80E-03	2.1E-04	1.05E-03	2.20E-07	2.27E-01	1.57E-01	7.86E-09	1.0E+06	7.9E-03

Berkley WTPF

DREDG Unmitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
403	0.1161	1.80E-03	2.1E-04	1.05E-03	2.18E-07	2.27E-01	1.57E-01	7.79E-09	1.0E+06	7.8E-03
404	0.12476	1.80E-03	2.2E-04	1.05E-03	2.34E-07	2.27E-01	1.57E-01	8.37E-09	1.0E+06	8.4E-03
405	0.12436	1.80E-03	2.2E-04	1.05E-03	2.34E-07	2.27E-01	1.57E-01	8.35E-09	1.0E+06	8.3E-03
406	0.12376	1.80E-03	2.2E-04	1.05E-03	2.32E-07	2.27E-01	1.57E-01	8.31E-09	1.0E+06	8.3E-03
407	0.12292	1.80E-03	2.2E-04	1.05E-03	2.31E-07	2.27E-01	1.57E-01	8.25E-09	1.0E+06	8.2E-03
408	0.12197	1.80E-03	2.2E-04	1.05E-03	2.29E-07	2.27E-01	1.57E-01	8.19E-09	1.0E+06	8.2E-03
409	0.12096	1.80E-03	2.2E-04	1.05E-03	2.27E-07	2.27E-01	1.57E-01	8.12E-09	1.0E+06	8.1E-03
410	0.11993	1.80E-03	2.2E-04	1.05E-03	2.25E-07	2.27E-01	1.57E-01	8.05E-09	1.0E+06	8.0E-03
411	0.11887	1.80E-03	2.1E-04	1.05E-03	2.23E-07	2.27E-01	1.57E-01	7.98E-09	1.0E+06	8.0E-03
412	0.11781	1.80E-03	2.1E-04	1.05E-03	2.21E-07	2.27E-01	1.57E-01	7.91E-09	1.0E+06	7.9E-03
413	0.11675	1.80E-03	2.1E-04	1.05E-03	2.19E-07	2.27E-01	1.57E-01	7.84E-09	1.0E+06	7.8E-03
414	0.1157	1.80E-03	2.1E-04	1.05E-03	2.17E-07	2.27E-01	1.57E-01	7.76E-09	1.0E+06	7.8E-03
415	0.11466	1.80E-03	2.1E-04	1.05E-03	2.15E-07	2.27E-01	1.57E-01	7.69E-09	1.0E+06	7.7E-03
416	0.11363	1.80E-03	2.0E-04	1.05E-03	2.13E-07	2.27E-01	1.57E-01	7.63E-09	1.0E+06	7.6E-03
417	0.11261	1.80E-03	2.0E-04	1.05E-03	2.11E-07	2.27E-01	1.57E-01	7.56E-09	1.0E+06	7.6E-03
418	0.11935	1.80E-03	2.1E-04	1.05E-03	2.24E-07	2.27E-01	1.57E-01	8.01E-09	1.0E+06	8.0E-03
419	0.11899	1.80E-03	2.1E-04	1.05E-03	2.23E-07	2.27E-01	1.57E-01	7.99E-09	1.0E+06	8.0E-03
420	0.11813	1.80E-03	2.1E-04	1.05E-03	2.22E-07	2.27E-01	1.57E-01	7.93E-09	1.0E+06	7.9E-03
421	0.11719	1.80E-03	2.1E-04	1.05E-03	2.20E-07	2.27E-01	1.57E-01	7.86E-09	1.0E+06	7.9E-03
422	0.11622	1.80E-03	2.1E-04	1.05E-03	2.18E-07	2.27E-01	1.57E-01	7.80E-09	1.0E+06	7.8E-03
423	0.11523	1.80E-03	2.1E-04	1.05E-03	2.16E-07	2.27E-01	1.57E-01	7.73E-09	1.0E+06	7.7E-03
424	0.11423	1.80E-03	2.1E-04	1.05E-03	2.15E-07	2.27E-01	1.57E-01	7.67E-09	1.0E+06	7.7E-03
425	0.11324	1.80E-03	2.0E-04	1.05E-03	2.13E-07	2.27E-01	1.57E-01	7.60E-09	1.0E+06	7.6E-03
426	0.11225	1.80E-03	2.0E-04	1.05E-03	2.11E-07	2.27E-01	1.57E-01	7.53E-09	1.0E+06	7.5E-03
427	0.11127	1.80E-03	2.0E-04	1.05E-03	2.09E-07	2.27E-01	1.57E-01	7.47E-09	1.0E+06	7.5E-03
428	0.1103	1.80E-03	2.0E-04	1.05E-03	2.07E-07	2.27E-01	1.57E-01	7.40E-09	1.0E+06	7.4E-03
429	0.10917	1.80E-03	2.0E-04	1.05E-03	2.05E-07	2.27E-01	1.57E-01	7.33E-09	1.0E+06	7.3E-03
430	0.11159	1.80E-03	2.0E-04	1.05E-03	2.10E-07	2.27E-01	1.57E-01	7.49E-09	1.0E+06	7.5E-03
431	0.11072	1.80E-03	2.0E-04	1.05E-03	2.08E-07	2.27E-01	1.57E-01	7.43E-09	1.0E+06	7.4E-03
432	0.10978	1.80E-03	2.0E-04	1.05E-03	2.06E-07	2.27E-01	1.57E-01	7.37E-09	1.0E+06	7.4E-03
433	0.10894	1.80E-03	2.0E-04	1.05E-03	2.05E-07	2.27E-01	1.57E-01	7.31E-09	1.0E+06	7.3E-03

Berkley WTPF

DREDG Unmitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
434	0.10807	1.80E-03	1.9E-04	1.05E-03	2.03E-07	2.27E-01	1.57E-01	7.25E-09	1.0E+06	7.3E-03
435	0.10716	1.80E-03	1.9E-04	1.05E-03	2.01E-07	2.27E-01	1.57E-01	7.19E-09	1.0E+06	7.2E-03

Berkley WTPF
DREDG Unmitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
		Residence	
1	5	1.54E-04	1.54E-04
2	5	1.48E-04	1.48E-04
3	5	1.41E-04	1.41E-04
4	5	1.35E-04	1.35E-04
5	5	1.29E-04	1.29E-04
6	5	1.24E-04	1.24E-04
7	5	1.19E-04	1.19E-04
8	5	1.14E-04	1.14E-04
9	5	1.45E-04	1.45E-04
10	5	1.40E-04	1.40E-04
11	5	1.34E-04	1.34E-04
12	5	1.29E-04	1.29E-04
13	5	1.24E-04	1.24E-04
14	5	1.19E-04	1.19E-04
15	5	1.15E-04	1.15E-04
16	5	1.11E-04	1.11E-04
17	5	1.07E-04	1.07E-04
18	5	1.03E-04	1.03E-04
19	5	9.92E-05	9.92E-05
20	5	9.57E-05	9.57E-05
21	5	1.31E-04	1.31E-04
22	5	1.27E-04	1.27E-04
23	5	1.23E-04	1.23E-04
24	5	1.18E-04	1.18E-04
25	5	1.14E-04	1.14E-04
26	5	1.10E-04	1.10E-04
27	5	1.07E-04	1.07E-04
28	5	1.03E-04	1.03E-04
29	5	1.00E-04	1.00E-04
30	5	9.68E-05	9.68E-05

Max	Receptor #	
1.541E-04	1	Res
1.578E-04	459	Park
3.120E-04	1	Total

Berkley WTPF
DREDG Unmitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
31	5	9.37E-05	9.37E-05
32	5	9.07E-05	9.07E-05
33	5	8.78E-05	8.78E-05
34	5	8.50E-05	8.50E-05
35	5	8.24E-05	8.24E-05
36	5	7.97E-05	7.97E-05
37	5	1.21E-04	1.21E-04
38	5	1.17E-04	1.17E-04
39	5	1.13E-04	1.13E-04
40	5	1.09E-04	1.09E-04
41	5	1.06E-04	1.06E-04
42	5	1.03E-04	1.03E-04
43	5	9.95E-05	9.95E-05
44	5	9.65E-05	9.65E-05
45	5	9.36E-05	9.36E-05
46	5	9.09E-05	9.09E-05
47	5	8.82E-05	8.82E-05
48	5	8.56E-05	8.56E-05
49	5	8.31E-05	8.31E-05
50	5	8.07E-05	8.07E-05
51	5	7.83E-05	7.83E-05
52	5	7.60E-05	7.60E-05
53	5	7.38E-05	7.38E-05
54	5	7.17E-05	7.17E-05
55	5	6.97E-05	6.97E-05
56	5	1.14E-04	1.14E-04
57	5	1.11E-04	1.11E-04
58	5	1.08E-04	1.08E-04
59	5	1.05E-04	1.05E-04
60	5	1.02E-04	1.02E-04
61	5	9.87E-05	9.87E-05

Berkley WTPF
DREDG Unmitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
62	5	9.58E-05	9.58E-05
63	5	9.31E-05	9.31E-05
64	5	9.04E-05	9.04E-05
65	5	8.79E-05	8.79E-05
66	5	8.55E-05	8.55E-05
67	5	8.32E-05	8.32E-05
68	5	8.09E-05	8.09E-05
69	5	7.87E-05	7.87E-05
70	5	7.66E-05	7.66E-05
71	5	7.45E-05	7.45E-05
72	5	7.25E-05	7.25E-05
73	5	7.06E-05	7.06E-05
74	5	6.87E-05	6.87E-05
75	5	6.68E-05	6.68E-05
76	5	1.06E-04	1.06E-04
77	5	1.03E-04	1.03E-04
78	5	1.01E-04	1.01E-04
79	5	9.79E-05	9.79E-05
80	5	9.52E-05	9.52E-05
81	5	9.25E-05	9.25E-05
82	5	9.00E-05	9.00E-05
83	5	8.75E-05	8.75E-05
84	5	8.52E-05	8.52E-05
85	5	8.29E-05	8.29E-05
86	5	8.08E-05	8.08E-05
87	5	7.87E-05	7.87E-05
88	5	7.67E-05	7.67E-05
89	5	7.48E-05	7.48E-05
90	5	7.29E-05	7.29E-05
91	5	7.10E-05	7.10E-05
92	5	6.92E-05	6.92E-05

Berkley WTPF
DREDG Unmitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
93	5	6.75E-05	6.75E-05
94	5	6.58E-05	6.58E-05
95	5	6.41E-05	6.41E-05
96	5	6.26E-05	6.26E-05
97	5	6.10E-05	6.10E-05
98	5	9.81E-05	9.81E-05
99	5	9.62E-05	9.62E-05
100	5	9.39E-05	9.39E-05
101	5	9.17E-05	9.17E-05
102	5	8.94E-05	8.94E-05
103	5	8.71E-05	8.71E-05
104	5	8.48E-05	8.48E-05
105	5	8.26E-05	8.26E-05
106	5	8.05E-05	8.05E-05
107	5	7.85E-05	7.85E-05
108	5	7.66E-05	7.66E-05
109	5	7.47E-05	7.47E-05
110	5	7.29E-05	7.29E-05
111	5	7.12E-05	7.12E-05
112	5	6.95E-05	6.95E-05
113	5	6.78E-05	6.78E-05
114	5	6.62E-05	6.62E-05
115	5	6.46E-05	6.46E-05
116	5	6.30E-05	6.30E-05
117	5	6.15E-05	6.15E-05
118	5	6.01E-05	6.01E-05
119	5	5.87E-05	5.87E-05
120	5	5.73E-05	5.73E-05
121	5	9.28E-05	9.28E-05
122	5	9.15E-05	9.15E-05
123	5	8.99E-05	8.99E-05

Berkley WTPF
DREDG Unmitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
124	5	8.80E-05	8.80E-05
125	5	8.61E-05	8.61E-05
126	5	8.42E-05	8.42E-05
127	5	8.22E-05	8.22E-05
128	5	8.03E-05	8.03E-05
129	5	7.83E-05	7.83E-05
130	5	7.64E-05	7.64E-05
131	5	7.46E-05	7.46E-05
132	5	7.29E-05	7.29E-05
133	5	7.12E-05	7.12E-05
134	5	6.95E-05	6.95E-05
135	5	6.79E-05	6.79E-05
136	5	6.64E-05	6.64E-05
137	5	6.49E-05	6.49E-05
138	5	6.34E-05	6.34E-05
139	5	6.19E-05	6.19E-05
140	5	6.05E-05	6.05E-05
141	5	5.91E-05	5.91E-05
142	5	5.78E-05	5.78E-05
143	5	5.65E-05	5.65E-05
144	5	5.52E-05	5.52E-05
145	5	8.68E-05	8.68E-05
146	5	8.57E-05	8.57E-05
147	5	8.44E-05	8.44E-05
148	5	8.28E-05	8.28E-05
149	5	8.12E-05	8.12E-05
150	5	7.95E-05	7.95E-05
151	5	7.78E-05	7.78E-05
152	5	7.61E-05	7.61E-05
153	5	7.45E-05	7.45E-05
154	5	7.28E-05	7.28E-05

Berkley WTPF
DREDG Unmitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
155	5	7.11E-05	7.11E-05
156	5	6.95E-05	6.95E-05
157	5	6.80E-05	6.80E-05
158	5	6.65E-05	6.65E-05
159	5	6.50E-05	6.50E-05
160	5	6.36E-05	6.36E-05
161	5	6.22E-05	6.22E-05
162	5	6.08E-05	6.08E-05
163	5	5.95E-05	5.95E-05
164	5	5.82E-05	5.82E-05
165	5	5.69E-05	5.69E-05
166	5	5.57E-05	5.57E-05
167	5	5.45E-05	5.45E-05
168	5	8.15E-05	8.15E-05
169	5	8.06E-05	8.06E-05
170	5	7.94E-05	7.94E-05
171	5	7.81E-05	7.81E-05
172	5	7.67E-05	7.67E-05
173	5	7.53E-05	7.53E-05
174	5	7.38E-05	7.38E-05
175	5	7.24E-05	7.24E-05
176	5	7.09E-05	7.09E-05
177	5	6.94E-05	6.94E-05
178	5	6.80E-05	6.80E-05
179	5	6.65E-05	6.65E-05
180	5	6.51E-05	6.51E-05
181	5	6.37E-05	6.37E-05
182	5	6.24E-05	6.24E-05
183	5	6.11E-05	6.11E-05
184	5	5.98E-05	5.98E-05
185	5	5.85E-05	5.85E-05

Berkley WTPF
DREDG Unmitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
186	5	5.73E-05	5.73E-05
187	5	5.61E-05	5.61E-05
188	5	5.49E-05	5.49E-05
189	5	5.37E-05	5.37E-05
190	5	5.24E-05	5.24E-05
191	5	7.70E-05	7.70E-05
192	5	7.61E-05	7.61E-05
193	5	7.50E-05	7.50E-05
194	5	7.38E-05	7.38E-05
195	5	7.26E-05	7.26E-05
196	5	7.14E-05	7.14E-05
197	5	7.02E-05	7.02E-05
198	5	6.89E-05	6.89E-05
199	5	6.76E-05	6.76E-05
200	5	6.63E-05	6.63E-05
201	5	6.12E-05	6.12E-05
202	5	6.00E-05	6.00E-05
203	5	5.88E-05	5.88E-05
204	5	5.76E-05	5.76E-05
205	5	5.64E-05	5.64E-05
206	5	5.53E-05	5.53E-05
207	5	5.42E-05	5.42E-05
208	5	5.31E-05	5.31E-05
209	5	5.20E-05	5.20E-05
210	5	5.06E-05	5.06E-05
211	5	7.31E-05	7.31E-05
212	5	7.21E-05	7.21E-05
213	5	7.10E-05	7.10E-05
214	5	7.00E-05	7.00E-05
215	5	6.89E-05	6.89E-05
216	5	6.79E-05	6.79E-05

Berkley WTPF
DREDG Unmitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
217	5	6.68E-05	6.68E-05
218	5	6.57E-05	6.57E-05
219	5	6.46E-05	6.46E-05
220	5	5.67E-05	5.67E-05
221	5	5.56E-05	5.56E-05
222	5	5.45E-05	5.45E-05
223	5	5.34E-05	5.34E-05
224	5	5.24E-05	5.24E-05
225	5	5.14E-05	5.14E-05
226	5	5.03E-05	5.03E-05
227	5	7.01E-05	7.01E-05
228	5	6.93E-05	6.93E-05
229	5	6.84E-05	6.84E-05
230	5	6.75E-05	6.75E-05
231	5	6.65E-05	6.65E-05
232	5	6.56E-05	6.56E-05
233	5	6.47E-05	6.47E-05
234	5	6.37E-05	6.37E-05
235	5	6.28E-05	6.28E-05
236	5	6.18E-05	6.18E-05
237	5	5.57E-05	5.57E-05
238	5	5.47E-05	5.47E-05
239	5	5.37E-05	5.37E-05
240	5	5.27E-05	5.27E-05
241	5	5.18E-05	5.18E-05
242	5	5.08E-05	5.08E-05
243	5	4.98E-05	4.98E-05
244	5	4.87E-05	4.87E-05
245	5	6.51E-05	6.51E-05
246	5	6.43E-05	6.43E-05
247	5	6.34E-05	6.34E-05

Berkley WTPF
DREDG Unmitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
248	5	6.26E-05	6.26E-05
249	5	6.17E-05	6.17E-05
250	5	6.09E-05	6.09E-05
251	5	6.00E-05	6.00E-05
252	5	5.92E-05	5.92E-05
253	5	5.38E-05	5.38E-05
254	5	5.29E-05	5.29E-05
255	5	5.20E-05	5.20E-05
256	5	5.11E-05	5.11E-05
257	5	5.02E-05	5.02E-05
258	5	4.93E-05	4.93E-05
259	5	4.83E-05	4.83E-05
260	5	5.83E-05	5.83E-05
261	5	5.75E-05	5.75E-05
262	5	5.28E-05	5.28E-05
263	5	5.20E-05	5.20E-05
264	5	5.12E-05	5.12E-05
265	5	5.04E-05	5.04E-05
266	5	4.95E-05	4.95E-05
267	5	4.87E-05	4.87E-05
268	5	4.79E-05	4.79E-05
269	5	4.69E-05	4.69E-05
270	5	5.10E-05	5.10E-05
271	5	5.03E-05	5.03E-05
272	5	4.95E-05	4.95E-05
273	5	4.88E-05	4.88E-05
274	5	4.81E-05	4.81E-05
275	5	4.73E-05	4.73E-05
276	5	4.65E-05	4.65E-05
277	5	5.93E-05	5.93E-05
278	5	5.90E-05	5.90E-05

Berkley WTPF
DREDG Unmitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
279	5	5.85E-05	5.85E-05
280	5	5.80E-05	5.80E-05
281	5	5.74E-05	5.74E-05
282	5	4.99E-05	4.99E-05
283	5	4.93E-05	4.93E-05
284	5	4.86E-05	4.86E-05
285	5	4.80E-05	4.80E-05
286	5	4.73E-05	4.73E-05
287	5	4.66E-05	4.66E-05
288	5	4.60E-05	4.60E-05
289	5	4.51E-05	4.51E-05
290	5	5.71E-05	5.71E-05
291	5	5.69E-05	5.69E-05
292	5	5.65E-05	5.65E-05
293	5	5.60E-05	5.60E-05
294	5	5.56E-05	5.56E-05
295	5	5.50E-05	5.50E-05
296	5	5.45E-05	5.45E-05
297	5	5.39E-05	5.39E-05
298	5	5.33E-05	5.33E-05
299	5	5.28E-05	5.28E-05
300	5	5.22E-05	5.22E-05
301	5	4.82E-05	4.82E-05
302	5	4.76E-05	4.76E-05
303	5	4.70E-05	4.70E-05
304	5	4.65E-05	4.65E-05
305	5	4.59E-05	4.59E-05
306	5	4.53E-05	4.53E-05
307	5	4.47E-05	4.47E-05
308	5	5.48E-05	5.48E-05
309	5	5.45E-05	5.45E-05

Berkley WTPF
DREDG Unmitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
310	5	5.42E-05	5.42E-05
311	5	5.38E-05	5.38E-05
312	5	5.33E-05	5.33E-05
313	5	5.29E-05	5.29E-05
314	5	5.24E-05	5.24E-05
315	5	5.18E-05	5.18E-05
316	5	5.13E-05	5.13E-05
317	5	5.08E-05	5.08E-05
318	5	5.02E-05	5.02E-05
319	5	4.97E-05	4.97E-05
320	5	4.92E-05	4.92E-05
321	5	4.86E-05	4.86E-05
322	5	4.81E-05	4.81E-05
323	5	4.66E-05	4.66E-05
324	5	4.61E-05	4.61E-05
325	5	4.55E-05	4.55E-05
326	5	4.50E-05	4.50E-05
327	5	4.45E-05	4.45E-05
328	5	4.40E-05	4.40E-05
329	5	4.34E-05	4.34E-05
330	5	5.26E-05	5.26E-05
331	5	5.24E-05	5.24E-05
332	5	5.21E-05	5.21E-05
333	5	5.17E-05	5.17E-05
334	5	5.13E-05	5.13E-05
335	5	5.09E-05	5.09E-05
336	5	5.04E-05	5.04E-05
337	5	4.99E-05	4.99E-05
338	5	4.94E-05	4.94E-05
339	5	4.89E-05	4.89E-05
340	5	4.84E-05	4.84E-05

Berkley WTPF
DREDG Unmitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
341	5	4.79E-05	4.79E-05
342	5	4.74E-05	4.74E-05
343	5	4.69E-05	4.69E-05
344	5	4.65E-05	4.65E-05
345	5	4.60E-05	4.60E-05
346	5	4.55E-05	4.55E-05
347	5	4.50E-05	4.50E-05
348	5	4.46E-05	4.46E-05
349	5	4.41E-05	4.41E-05
350	5	4.36E-05	4.36E-05
351	5	4.31E-05	4.31E-05
352	5	4.26E-05	4.26E-05
353	5	5.06E-05	5.06E-05
354	5	5.04E-05	5.04E-05
355	5	5.01E-05	5.01E-05
356	5	4.98E-05	4.98E-05
357	5	4.94E-05	4.94E-05
358	5	4.90E-05	4.90E-05
359	5	4.86E-05	4.86E-05
360	5	4.81E-05	4.81E-05
361	5	4.77E-05	4.77E-05
362	5	4.72E-05	4.72E-05
363	5	4.67E-05	4.67E-05
364	5	4.63E-05	4.63E-05
365	5	4.58E-05	4.58E-05
366	5	4.54E-05	4.54E-05
367	5	4.49E-05	4.49E-05
368	5	4.45E-05	4.45E-05
369	5	4.40E-05	4.40E-05
370	5	4.36E-05	4.36E-05
371	5	4.32E-05	4.32E-05

Berkley WTPF
DREDG Unmitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
372	5	4.27E-05	4.27E-05
373	5	4.86E-05	4.86E-05
374	5	4.83E-05	4.83E-05
375	5	4.80E-05	4.80E-05
376	5	4.76E-05	4.76E-05
377	5	4.73E-05	4.73E-05
378	5	4.69E-05	4.69E-05
379	5	4.65E-05	4.65E-05
380	5	4.60E-05	4.60E-05
381	5	4.56E-05	4.56E-05
382	5	4.52E-05	4.52E-05
383	5	4.47E-05	4.47E-05
384	5	4.43E-05	4.43E-05
385	5	4.39E-05	4.39E-05
386	5	4.35E-05	4.35E-05
387	5	4.31E-05	4.31E-05
388	5	4.26E-05	4.26E-05
389	5	4.68E-05	4.68E-05
390	5	4.65E-05	4.65E-05
391	5	4.63E-05	4.63E-05
392	5	4.60E-05	4.60E-05
393	5	4.57E-05	4.57E-05
394	5	4.53E-05	4.53E-05
395	5	4.49E-05	4.49E-05
396	5	4.45E-05	4.45E-05
397	5	4.41E-05	4.41E-05
398	5	4.37E-05	4.37E-05
399	5	4.33E-05	4.33E-05
400	5	4.29E-05	4.29E-05
401	5	4.25E-05	4.25E-05
402	5	4.21E-05	4.21E-05

Berkley WTPF
DREDG Unmitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
403	5	4.17E-05	4.17E-05
404	5	4.48E-05	4.48E-05
405	5	4.47E-05	4.47E-05
406	5	4.45E-05	4.45E-05
407	5	4.42E-05	4.42E-05
408	5	4.38E-05	4.38E-05
409	5	4.35E-05	4.35E-05
410	5	4.31E-05	4.31E-05
411	5	4.27E-05	4.27E-05
412	5	4.23E-05	4.23E-05
413	5	4.20E-05	4.20E-05
414	5	4.16E-05	4.16E-05
415	5	4.12E-05	4.12E-05
416	5	4.08E-05	4.08E-05
417	5	4.05E-05	4.05E-05
418	5	4.29E-05	4.29E-05
419	5	4.28E-05	4.28E-05
420	5	4.25E-05	4.25E-05
421	5	4.21E-05	4.21E-05
422	5	4.18E-05	4.18E-05
423	5	4.14E-05	4.14E-05
424	5	4.11E-05	4.11E-05
425	5	4.07E-05	4.07E-05
426	5	4.03E-05	4.03E-05
427	5	4.00E-05	4.00E-05
428	5	3.96E-05	3.96E-05
429	5	3.92E-05	3.92E-05
430	5	4.01E-05	4.01E-05
431	5	3.98E-05	3.98E-05
432	5	3.95E-05	3.95E-05
433	5	3.91E-05	3.91E-05

Berkley WTPF
DREDG Unmitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
434	5	3.88E-05	3.88E-05
435	5	3.85E-05	3.85E-05

Berkley WTPF

Pier Unmitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
					Residence					
1	1.0162	5.58E-02	5.7E-02	1.05E-03	5.92E-05	1.09E+00	1.57E-01	1.01E-05	1.0E+06	1.0E+01
2	0.97008	5.58E-02	5.4E-02	1.05E-03	5.66E-05	1.09E+00	1.57E-01	9.67E-06	1.0E+06	9.7E+00
3	0.92478	5.58E-02	5.2E-02	1.05E-03	5.39E-05	1.09E+00	1.57E-01	9.22E-06	1.0E+06	9.2E+00
4	0.88051	5.58E-02	4.9E-02	1.05E-03	5.13E-05	1.09E+00	1.57E-01	8.77E-06	1.0E+06	8.8E+00
5	0.83669	5.58E-02	4.7E-02	1.05E-03	4.88E-05	1.09E+00	1.57E-01	8.34E-06	1.0E+06	8.3E+00
6	0.79501	5.58E-02	4.4E-02	1.05E-03	4.64E-05	1.09E+00	1.57E-01	7.92E-06	1.0E+06	7.9E+00
7	0.75556	5.58E-02	4.2E-02	1.05E-03	4.41E-05	1.09E+00	1.57E-01	7.53E-06	1.0E+06	7.5E+00
8	0.71983	5.58E-02	4.0E-02	1.05E-03	4.20E-05	1.09E+00	1.57E-01	7.17E-06	1.0E+06	7.2E+00
9	0.94604	5.58E-02	5.3E-02	1.05E-03	5.52E-05	1.09E+00	1.57E-01	9.43E-06	1.0E+06	9.4E+00
10	0.91445	5.58E-02	5.1E-02	1.05E-03	5.33E-05	1.09E+00	1.57E-01	9.11E-06	1.0E+06	9.1E+00
11	0.87602	5.58E-02	4.9E-02	1.05E-03	5.11E-05	1.09E+00	1.57E-01	8.73E-06	1.0E+06	8.7E+00
12	0.8379	5.58E-02	4.7E-02	1.05E-03	4.89E-05	1.09E+00	1.57E-01	8.35E-06	1.0E+06	8.4E+00
13	0.80108	5.58E-02	4.5E-02	1.05E-03	4.67E-05	1.09E+00	1.57E-01	7.98E-06	1.0E+06	8.0E+00
14	0.7656	5.58E-02	4.3E-02	1.05E-03	4.46E-05	1.09E+00	1.57E-01	7.63E-06	1.0E+06	7.6E+00
15	0.73143	5.58E-02	4.1E-02	1.05E-03	4.26E-05	1.09E+00	1.57E-01	7.29E-06	1.0E+06	7.3E+00
16	0.69863	5.58E-02	3.9E-02	1.05E-03	4.07E-05	1.09E+00	1.57E-01	6.96E-06	1.0E+06	7.0E+00
17	0.66742	5.58E-02	3.7E-02	1.05E-03	3.89E-05	1.09E+00	1.57E-01	6.65E-06	1.0E+06	6.7E+00
18	0.63707	5.58E-02	3.6E-02	1.05E-03	3.71E-05	1.09E+00	1.57E-01	6.35E-06	1.0E+06	6.3E+00
19	0.60775	5.58E-02	3.4E-02	1.05E-03	3.54E-05	1.09E+00	1.57E-01	6.06E-06	1.0E+06	6.1E+00
20	0.58252	5.58E-02	3.2E-02	1.05E-03	3.40E-05	1.09E+00	1.57E-01	5.81E-06	1.0E+06	5.8E+00
21	0.8499	5.58E-02	4.7E-02	1.05E-03	4.96E-05	1.09E+00	1.57E-01	8.47E-06	1.0E+06	8.5E+00
22	0.82615	5.58E-02	4.6E-02	1.05E-03	4.82E-05	1.09E+00	1.57E-01	8.23E-06	1.0E+06	8.2E+00
23	0.79595	5.58E-02	4.4E-02	1.05E-03	4.64E-05	1.09E+00	1.57E-01	7.93E-06	1.0E+06	7.9E+00
24	0.76508	5.58E-02	4.3E-02	1.05E-03	4.46E-05	1.09E+00	1.57E-01	7.62E-06	1.0E+06	7.6E+00
25	0.73451	5.58E-02	4.1E-02	1.05E-03	4.28E-05	1.09E+00	1.57E-01	7.32E-06	1.0E+06	7.3E+00
26	0.70455	5.58E-02	3.9E-02	1.05E-03	4.11E-05	1.09E+00	1.57E-01	7.02E-06	1.0E+06	7.0E+00
27	0.67535	5.58E-02	3.8E-02	1.05E-03	3.94E-05	1.09E+00	1.57E-01	6.73E-06	1.0E+06	6.7E+00
28	0.64701	5.58E-02	3.6E-02	1.05E-03	3.77E-05	1.09E+00	1.57E-01	6.45E-06	1.0E+06	6.4E+00
29	0.61968	5.58E-02	3.5E-02	1.05E-03	3.61E-05	1.09E+00	1.57E-01	6.18E-06	1.0E+06	6.2E+00
30	0.59358	5.58E-02	3.3E-02	1.05E-03	3.46E-05	1.09E+00	1.57E-01	5.92E-06	1.0E+06	5.9E+00

	Max	Receptor #
Res	10.127	1
Park	15.699	467
Total	25.83	1

Berkley WTPF
Pier Unmitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
31	0.56892	5.58E-02	3.2E-02	1.05E-03	3.32E-05	1.09E+00	1.57E-01	5.67E-06	1.0E+06	5.7E+00
32	0.54587	5.58E-02	3.0E-02	1.05E-03	3.18E-05	1.09E+00	1.57E-01	5.44E-06	1.0E+06	5.4E+00
33	0.52451	5.58E-02	2.9E-02	1.05E-03	3.06E-05	1.09E+00	1.57E-01	5.23E-06	1.0E+06	5.2E+00
34	0.50482	5.58E-02	2.8E-02	1.05E-03	2.94E-05	1.09E+00	1.57E-01	5.03E-06	1.0E+06	5.0E+00
35	0.48672	5.58E-02	2.7E-02	1.05E-03	2.84E-05	1.09E+00	1.57E-01	4.85E-06	1.0E+06	4.9E+00
36	0.46921	5.58E-02	2.6E-02	1.05E-03	2.74E-05	1.09E+00	1.57E-01	4.68E-06	1.0E+06	4.7E+00
37	0.77197	5.58E-02	4.3E-02	1.05E-03	4.50E-05	1.09E+00	1.57E-01	7.69E-06	1.0E+06	7.7E+00
38	0.75054	5.58E-02	4.2E-02	1.05E-03	4.38E-05	1.09E+00	1.57E-01	7.48E-06	1.0E+06	7.5E+00
39	0.7268	5.58E-02	4.1E-02	1.05E-03	4.24E-05	1.09E+00	1.57E-01	7.24E-06	1.0E+06	7.2E+00
40	0.70222	5.58E-02	3.9E-02	1.05E-03	4.09E-05	1.09E+00	1.57E-01	7.00E-06	1.0E+06	7.0E+00
41	0.67724	5.58E-02	3.8E-02	1.05E-03	3.95E-05	1.09E+00	1.57E-01	6.75E-06	1.0E+06	6.7E+00
42	0.6522	5.58E-02	3.6E-02	1.05E-03	3.80E-05	1.09E+00	1.57E-01	6.50E-06	1.0E+06	6.5E+00
43	0.62734	5.58E-02	3.5E-02	1.05E-03	3.66E-05	1.09E+00	1.57E-01	6.25E-06	1.0E+06	6.3E+00
44	0.60282	5.58E-02	3.4E-02	1.05E-03	3.51E-05	1.09E+00	1.57E-01	6.01E-06	1.0E+06	6.0E+00
45	0.57885	5.58E-02	3.2E-02	1.05E-03	3.37E-05	1.09E+00	1.57E-01	5.77E-06	1.0E+06	5.8E+00
46	0.55561	5.58E-02	3.1E-02	1.05E-03	3.24E-05	1.09E+00	1.57E-01	5.54E-06	1.0E+06	5.5E+00
47	0.53332	5.58E-02	3.0E-02	1.05E-03	3.11E-05	1.09E+00	1.57E-01	5.31E-06	1.0E+06	5.3E+00
48	0.51219	5.58E-02	2.9E-02	1.05E-03	2.99E-05	1.09E+00	1.57E-01	5.10E-06	1.0E+06	5.1E+00
49	0.49238	5.58E-02	2.7E-02	1.05E-03	2.87E-05	1.09E+00	1.57E-01	4.91E-06	1.0E+06	4.9E+00
50	0.47397	5.58E-02	2.6E-02	1.05E-03	2.76E-05	1.09E+00	1.57E-01	4.72E-06	1.0E+06	4.7E+00
51	0.45697	5.58E-02	2.5E-02	1.05E-03	2.66E-05	1.09E+00	1.57E-01	4.55E-06	1.0E+06	4.6E+00
52	0.44109	5.58E-02	2.5E-02	1.05E-03	2.57E-05	1.09E+00	1.57E-01	4.40E-06	1.0E+06	4.4E+00
53	0.42619	5.58E-02	2.4E-02	1.05E-03	2.48E-05	1.09E+00	1.57E-01	4.25E-06	1.0E+06	4.2E+00
54	0.41296	5.58E-02	2.3E-02	1.05E-03	2.41E-05	1.09E+00	1.57E-01	4.12E-06	1.0E+06	4.1E+00
55	0.40025	5.58E-02	2.2E-02	1.05E-03	2.33E-05	1.09E+00	1.57E-01	3.99E-06	1.0E+06	4.0E+00
56	0.71855	5.58E-02	4.0E-02	1.05E-03	4.19E-05	1.09E+00	1.57E-01	7.16E-06	1.0E+06	7.2E+00
57	0.7032	5.58E-02	3.9E-02	1.05E-03	4.10E-05	1.09E+00	1.57E-01	7.01E-06	1.0E+06	7.0E+00
58	0.68497	5.58E-02	3.8E-02	1.05E-03	3.99E-05	1.09E+00	1.57E-01	6.83E-06	1.0E+06	6.8E+00
59	0.66622	5.58E-02	3.7E-02	1.05E-03	3.88E-05	1.09E+00	1.57E-01	6.64E-06	1.0E+06	6.6E+00
60	0.64676	5.58E-02	3.6E-02	1.05E-03	3.77E-05	1.09E+00	1.57E-01	6.45E-06	1.0E+06	6.4E+00
61	0.62666	5.58E-02	3.5E-02	1.05E-03	3.65E-05	1.09E+00	1.57E-01	6.24E-06	1.0E+06	6.2E+00

Berkley WTPF
Pier Unmitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
62	0.6061	5.58E-02	3.4E-02	1.05E-03	3.53E-05	1.09E+00	1.57E-01	6.04E-06	1.0E+06	6.0E+00
63	0.58525	5.58E-02	3.3E-02	1.05E-03	3.41E-05	1.09E+00	1.57E-01	5.83E-06	1.0E+06	5.8E+00
64	0.56429	5.58E-02	3.1E-02	1.05E-03	3.29E-05	1.09E+00	1.57E-01	5.62E-06	1.0E+06	5.6E+00
65	0.54341	5.58E-02	3.0E-02	1.05E-03	3.17E-05	1.09E+00	1.57E-01	5.42E-06	1.0E+06	5.4E+00
66	0.52283	5.58E-02	2.9E-02	1.05E-03	3.05E-05	1.09E+00	1.57E-01	5.21E-06	1.0E+06	5.2E+00
67	0.50276	5.58E-02	2.8E-02	1.05E-03	2.93E-05	1.09E+00	1.57E-01	5.01E-06	1.0E+06	5.0E+00
68	0.48342	5.58E-02	2.7E-02	1.05E-03	2.82E-05	1.09E+00	1.57E-01	4.82E-06	1.0E+06	4.8E+00
69	0.46502	5.58E-02	2.6E-02	1.05E-03	2.71E-05	1.09E+00	1.57E-01	4.63E-06	1.0E+06	4.6E+00
70	0.4477	5.58E-02	2.5E-02	1.05E-03	2.61E-05	1.09E+00	1.57E-01	4.46E-06	1.0E+06	4.5E+00
71	0.43156	5.58E-02	2.4E-02	1.05E-03	2.52E-05	1.09E+00	1.57E-01	4.30E-06	1.0E+06	4.3E+00
72	0.41663	5.58E-02	2.3E-02	1.05E-03	2.43E-05	1.09E+00	1.57E-01	4.15E-06	1.0E+06	4.2E+00
73	0.40286	5.58E-02	2.2E-02	1.05E-03	2.35E-05	1.09E+00	1.57E-01	4.01E-06	1.0E+06	4.0E+00
74	0.39021	5.58E-02	2.2E-02	1.05E-03	2.28E-05	1.09E+00	1.57E-01	3.89E-06	1.0E+06	3.9E+00
75	0.37815	5.58E-02	2.1E-02	1.05E-03	2.20E-05	1.09E+00	1.57E-01	3.77E-06	1.0E+06	3.8E+00
76	0.6555	5.58E-02	3.7E-02	1.05E-03	3.82E-05	1.09E+00	1.57E-01	6.53E-06	1.0E+06	6.5E+00
77	0.6429	5.58E-02	3.6E-02	1.05E-03	3.75E-05	1.09E+00	1.57E-01	6.41E-06	1.0E+06	6.4E+00
78	0.62797	5.58E-02	3.5E-02	1.05E-03	3.66E-05	1.09E+00	1.57E-01	6.26E-06	1.0E+06	6.3E+00
79	0.61287	5.58E-02	3.4E-02	1.05E-03	3.57E-05	1.09E+00	1.57E-01	6.11E-06	1.0E+06	6.1E+00
80	0.59734	5.58E-02	3.3E-02	1.05E-03	3.48E-05	1.09E+00	1.57E-01	5.95E-06	1.0E+06	6.0E+00
81	0.58124	5.58E-02	3.2E-02	1.05E-03	3.39E-05	1.09E+00	1.57E-01	5.79E-06	1.0E+06	5.8E+00
82	0.56459	5.58E-02	3.1E-02	1.05E-03	3.29E-05	1.09E+00	1.57E-01	5.63E-06	1.0E+06	5.6E+00
83	0.54742	5.58E-02	3.1E-02	1.05E-03	3.19E-05	1.09E+00	1.57E-01	5.46E-06	1.0E+06	5.5E+00
84	0.52982	5.58E-02	3.0E-02	1.05E-03	3.09E-05	1.09E+00	1.57E-01	5.28E-06	1.0E+06	5.3E+00
85	0.51193	5.58E-02	2.9E-02	1.05E-03	2.98E-05	1.09E+00	1.57E-01	5.10E-06	1.0E+06	5.1E+00
86	0.49394	5.58E-02	2.8E-02	1.05E-03	2.88E-05	1.09E+00	1.57E-01	4.92E-06	1.0E+06	4.9E+00
87	0.47607	5.58E-02	2.7E-02	1.05E-03	2.78E-05	1.09E+00	1.57E-01	4.74E-06	1.0E+06	4.7E+00
88	0.45853	5.58E-02	2.6E-02	1.05E-03	2.67E-05	1.09E+00	1.57E-01	4.57E-06	1.0E+06	4.6E+00
89	0.44155	5.58E-02	2.5E-02	1.05E-03	2.57E-05	1.09E+00	1.57E-01	4.40E-06	1.0E+06	4.4E+00
90	0.42532	5.58E-02	2.4E-02	1.05E-03	2.48E-05	1.09E+00	1.57E-01	4.24E-06	1.0E+06	4.2E+00
91	0.40998	5.58E-02	2.3E-02	1.05E-03	2.39E-05	1.09E+00	1.57E-01	4.09E-06	1.0E+06	4.1E+00
92	0.39563	5.58E-02	2.2E-02	1.05E-03	2.31E-05	1.09E+00	1.57E-01	3.94E-06	1.0E+06	3.9E+00

Berkley WTPF
Pier Unmitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
93	0.38233	5.58E-02	2.1E-02	1.05E-03	2.23E-05	1.09E+00	1.57E-01	3.81E-06	1.0E+06	3.8E+00
94	0.37005	5.58E-02	2.1E-02	1.05E-03	2.16E-05	1.09E+00	1.57E-01	3.69E-06	1.0E+06	3.7E+00
95	0.35874	5.58E-02	2.0E-02	1.05E-03	2.09E-05	1.09E+00	1.57E-01	3.58E-06	1.0E+06	3.6E+00
96	0.34835	5.58E-02	1.9E-02	1.05E-03	2.03E-05	1.09E+00	1.57E-01	3.47E-06	1.0E+06	3.5E+00
97	0.33878	5.58E-02	1.9E-02	1.05E-03	1.98E-05	1.09E+00	1.57E-01	3.38E-06	1.0E+06	3.4E+00
98	0.60124	5.58E-02	3.4E-02	1.05E-03	3.51E-05	1.09E+00	1.57E-01	5.99E-06	1.0E+06	6.0E+00
99	0.59076	5.58E-02	3.3E-02	1.05E-03	3.44E-05	1.09E+00	1.57E-01	5.89E-06	1.0E+06	5.9E+00
100	0.57827	5.58E-02	3.2E-02	1.05E-03	3.37E-05	1.09E+00	1.57E-01	5.76E-06	1.0E+06	5.8E+00
101	0.5658	5.58E-02	3.2E-02	1.05E-03	3.30E-05	1.09E+00	1.57E-01	5.64E-06	1.0E+06	5.6E+00
102	0.55317	5.58E-02	3.1E-02	1.05E-03	3.23E-05	1.09E+00	1.57E-01	5.51E-06	1.0E+06	5.5E+00
103	0.54019	5.58E-02	3.0E-02	1.05E-03	3.15E-05	1.09E+00	1.57E-01	5.38E-06	1.0E+06	5.4E+00
104	0.52674	5.58E-02	2.9E-02	1.05E-03	3.07E-05	1.09E+00	1.57E-01	5.25E-06	1.0E+06	5.2E+00
105	0.51278	5.58E-02	2.9E-02	1.05E-03	2.99E-05	1.09E+00	1.57E-01	5.11E-06	1.0E+06	5.1E+00
106	0.49826	5.58E-02	2.8E-02	1.05E-03	2.91E-05	1.09E+00	1.57E-01	4.97E-06	1.0E+06	5.0E+00
107	0.48324	5.58E-02	2.7E-02	1.05E-03	2.82E-05	1.09E+00	1.57E-01	4.82E-06	1.0E+06	4.8E+00
108	0.46781	5.58E-02	2.6E-02	1.05E-03	2.73E-05	1.09E+00	1.57E-01	4.66E-06	1.0E+06	4.7E+00
109	0.45217	5.58E-02	2.5E-02	1.05E-03	2.64E-05	1.09E+00	1.57E-01	4.51E-06	1.0E+06	4.5E+00
110	0.43651	5.58E-02	2.4E-02	1.05E-03	2.55E-05	1.09E+00	1.57E-01	4.35E-06	1.0E+06	4.4E+00
111	0.42105	5.58E-02	2.3E-02	1.05E-03	2.45E-05	1.09E+00	1.57E-01	4.20E-06	1.0E+06	4.2E+00
112	0.40599	5.58E-02	2.3E-02	1.05E-03	2.37E-05	1.09E+00	1.57E-01	4.05E-06	1.0E+06	4.0E+00
113	0.39153	5.58E-02	2.2E-02	1.05E-03	2.28E-05	1.09E+00	1.57E-01	3.90E-06	1.0E+06	3.9E+00
114	0.3778	5.58E-02	2.1E-02	1.05E-03	2.20E-05	1.09E+00	1.57E-01	3.76E-06	1.0E+06	3.8E+00
115	0.36492	5.58E-02	2.0E-02	1.05E-03	2.13E-05	1.09E+00	1.57E-01	3.64E-06	1.0E+06	3.6E+00
116	0.35293	5.58E-02	2.0E-02	1.05E-03	2.06E-05	1.09E+00	1.57E-01	3.52E-06	1.0E+06	3.5E+00
117	0.34184	5.58E-02	1.9E-02	1.05E-03	1.99E-05	1.09E+00	1.57E-01	3.41E-06	1.0E+06	3.4E+00
118	0.33162	5.58E-02	1.8E-02	1.05E-03	1.93E-05	1.09E+00	1.57E-01	3.30E-06	1.0E+06	3.3E+00
119	0.32222	5.58E-02	1.8E-02	1.05E-03	1.88E-05	1.09E+00	1.57E-01	3.21E-06	1.0E+06	3.2E+00
120	0.31321	5.58E-02	1.7E-02	1.05E-03	1.83E-05	1.09E+00	1.57E-01	3.12E-06	1.0E+06	3.1E+00
121	0.56103	5.58E-02	3.1E-02	1.05E-03	3.27E-05	1.09E+00	1.57E-01	5.59E-06	1.0E+06	5.6E+00
122	0.55406	5.58E-02	3.1E-02	1.05E-03	3.23E-05	1.09E+00	1.57E-01	5.52E-06	1.0E+06	5.5E+00
123	0.5453	5.58E-02	3.0E-02	1.05E-03	3.18E-05	1.09E+00	1.57E-01	5.43E-06	1.0E+06	5.4E+00

Berkley WTPF
Pier Unmitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
124	0.53469	5.58E-02	3.0E-02	1.05E-03	3.12E-05	1.09E+00	1.57E-01	5.33E-06	1.0E+06	5.3E+00
125	0.52416	5.58E-02	2.9E-02	1.05E-03	3.06E-05	1.09E+00	1.57E-01	5.22E-06	1.0E+06	5.2E+00
126	0.51367	5.58E-02	2.9E-02	1.05E-03	2.99E-05	1.09E+00	1.57E-01	5.12E-06	1.0E+06	5.1E+00
127	0.50303	5.58E-02	2.8E-02	1.05E-03	2.93E-05	1.09E+00	1.57E-01	5.01E-06	1.0E+06	5.0E+00
128	0.4921	5.58E-02	2.7E-02	1.05E-03	2.87E-05	1.09E+00	1.57E-01	4.90E-06	1.0E+06	4.9E+00
129	0.48077	5.58E-02	2.7E-02	1.05E-03	2.80E-05	1.09E+00	1.57E-01	4.79E-06	1.0E+06	4.8E+00
130	0.46894	5.58E-02	2.6E-02	1.05E-03	2.73E-05	1.09E+00	1.57E-01	4.67E-06	1.0E+06	4.7E+00
131	0.45655	5.58E-02	2.5E-02	1.05E-03	2.66E-05	1.09E+00	1.57E-01	4.55E-06	1.0E+06	4.5E+00
132	0.44359	5.58E-02	2.5E-02	1.05E-03	2.59E-05	1.09E+00	1.57E-01	4.42E-06	1.0E+06	4.4E+00
133	0.43018	5.58E-02	2.4E-02	1.05E-03	2.51E-05	1.09E+00	1.57E-01	4.29E-06	1.0E+06	4.3E+00
134	0.41646	5.58E-02	2.3E-02	1.05E-03	2.43E-05	1.09E+00	1.57E-01	4.15E-06	1.0E+06	4.2E+00
135	0.40264	5.58E-02	2.2E-02	1.05E-03	2.35E-05	1.09E+00	1.57E-01	4.01E-06	1.0E+06	4.0E+00
136	0.38892	5.58E-02	2.2E-02	1.05E-03	2.27E-05	1.09E+00	1.57E-01	3.88E-06	1.0E+06	3.9E+00
137	0.37547	5.58E-02	2.1E-02	1.05E-03	2.19E-05	1.09E+00	1.57E-01	3.74E-06	1.0E+06	3.7E+00
138	0.36249	5.58E-02	2.0E-02	1.05E-03	2.11E-05	1.09E+00	1.57E-01	3.61E-06	1.0E+06	3.6E+00
139	0.3501	5.58E-02	2.0E-02	1.05E-03	2.04E-05	1.09E+00	1.57E-01	3.49E-06	1.0E+06	3.5E+00
140	0.33843	5.58E-02	1.9E-02	1.05E-03	1.97E-05	1.09E+00	1.57E-01	3.37E-06	1.0E+06	3.4E+00
141	0.32753	5.58E-02	1.8E-02	1.05E-03	1.91E-05	1.09E+00	1.57E-01	3.26E-06	1.0E+06	3.3E+00
142	0.31742	5.58E-02	1.8E-02	1.05E-03	1.85E-05	1.09E+00	1.57E-01	3.16E-06	1.0E+06	3.2E+00
143	0.30809	5.58E-02	1.7E-02	1.05E-03	1.80E-05	1.09E+00	1.57E-01	3.07E-06	1.0E+06	3.1E+00
144	0.29885	5.58E-02	1.7E-02	1.05E-03	1.74E-05	1.09E+00	1.57E-01	2.98E-06	1.0E+06	3.0E+00
145	0.51835	5.58E-02	2.9E-02	1.05E-03	3.02E-05	1.09E+00	1.57E-01	5.17E-06	1.0E+06	5.2E+00
146	0.51265	5.58E-02	2.9E-02	1.05E-03	2.99E-05	1.09E+00	1.57E-01	5.11E-06	1.0E+06	5.1E+00
147	0.50531	5.58E-02	2.8E-02	1.05E-03	2.95E-05	1.09E+00	1.57E-01	5.04E-06	1.0E+06	5.0E+00
148	0.49624	5.58E-02	2.8E-02	1.05E-03	2.89E-05	1.09E+00	1.57E-01	4.95E-06	1.0E+06	4.9E+00
149	0.48722	5.58E-02	2.7E-02	1.05E-03	2.84E-05	1.09E+00	1.57E-01	4.86E-06	1.0E+06	4.9E+00
150	0.47831	5.58E-02	2.7E-02	1.05E-03	2.79E-05	1.09E+00	1.57E-01	4.77E-06	1.0E+06	4.8E+00
151	0.46942	5.58E-02	2.6E-02	1.05E-03	2.74E-05	1.09E+00	1.57E-01	4.68E-06	1.0E+06	4.7E+00
152	0.46041	5.58E-02	2.6E-02	1.05E-03	2.68E-05	1.09E+00	1.57E-01	4.59E-06	1.0E+06	4.6E+00
153	0.45116	5.58E-02	2.5E-02	1.05E-03	2.63E-05	1.09E+00	1.57E-01	4.50E-06	1.0E+06	4.5E+00
154	0.44154	5.58E-02	2.5E-02	1.05E-03	2.57E-05	1.09E+00	1.57E-01	4.40E-06	1.0E+06	4.4E+00

Berkley WTPF
Pier Unmitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
155	0.43143	5.58E-02	2.4E-02	1.05E-03	2.52E-05	1.09E+00	1.57E-01	4.30E-06	1.0E+06	4.3E+00
156	0.42074	5.58E-02	2.3E-02	1.05E-03	2.45E-05	1.09E+00	1.57E-01	4.19E-06	1.0E+06	4.2E+00
157	0.40947	5.58E-02	2.3E-02	1.05E-03	2.39E-05	1.09E+00	1.57E-01	4.08E-06	1.0E+06	4.1E+00
158	0.39772	5.58E-02	2.2E-02	1.05E-03	2.32E-05	1.09E+00	1.57E-01	3.96E-06	1.0E+06	4.0E+00
159	0.38562	5.58E-02	2.2E-02	1.05E-03	2.25E-05	1.09E+00	1.57E-01	3.84E-06	1.0E+06	3.8E+00
160	0.37336	5.58E-02	2.1E-02	1.05E-03	2.18E-05	1.09E+00	1.57E-01	3.72E-06	1.0E+06	3.7E+00
161	0.3611	5.58E-02	2.0E-02	1.05E-03	2.11E-05	1.09E+00	1.57E-01	3.60E-06	1.0E+06	3.6E+00
162	0.34902	5.58E-02	1.9E-02	1.05E-03	2.03E-05	1.09E+00	1.57E-01	3.48E-06	1.0E+06	3.5E+00
163	0.33729	5.58E-02	1.9E-02	1.05E-03	1.97E-05	1.09E+00	1.57E-01	3.36E-06	1.0E+06	3.4E+00
164	0.32605	5.58E-02	1.8E-02	1.05E-03	1.90E-05	1.09E+00	1.57E-01	3.25E-06	1.0E+06	3.2E+00
165	0.31541	5.58E-02	1.8E-02	1.05E-03	1.84E-05	1.09E+00	1.57E-01	3.14E-06	1.0E+06	3.1E+00
166	0.30543	5.58E-02	1.7E-02	1.05E-03	1.78E-05	1.09E+00	1.57E-01	3.04E-06	1.0E+06	3.0E+00
167	0.29605	5.58E-02	1.7E-02	1.05E-03	1.73E-05	1.09E+00	1.57E-01	2.95E-06	1.0E+06	3.0E+00
168	0.48073	5.58E-02	2.7E-02	1.05E-03	2.80E-05	1.09E+00	1.57E-01	4.79E-06	1.0E+06	4.8E+00
169	0.47604	5.58E-02	2.7E-02	1.05E-03	2.78E-05	1.09E+00	1.57E-01	4.74E-06	1.0E+06	4.7E+00
170	0.46987	5.58E-02	2.6E-02	1.05E-03	2.74E-05	1.09E+00	1.57E-01	4.68E-06	1.0E+06	4.7E+00
171	0.4621	5.58E-02	2.6E-02	1.05E-03	2.69E-05	1.09E+00	1.57E-01	4.61E-06	1.0E+06	4.6E+00
172	0.45431	5.58E-02	2.5E-02	1.05E-03	2.65E-05	1.09E+00	1.57E-01	4.53E-06	1.0E+06	4.5E+00
173	0.44662	5.58E-02	2.5E-02	1.05E-03	2.60E-05	1.09E+00	1.57E-01	4.45E-06	1.0E+06	4.5E+00
174	0.43904	5.58E-02	2.4E-02	1.05E-03	2.56E-05	1.09E+00	1.57E-01	4.38E-06	1.0E+06	4.4E+00
175	0.43148	5.58E-02	2.4E-02	1.05E-03	2.52E-05	1.09E+00	1.57E-01	4.30E-06	1.0E+06	4.3E+00
176	0.42381	5.58E-02	2.4E-02	1.05E-03	2.47E-05	1.09E+00	1.57E-01	4.22E-06	1.0E+06	4.2E+00
177	0.41593	5.58E-02	2.3E-02	1.05E-03	2.43E-05	1.09E+00	1.57E-01	4.14E-06	1.0E+06	4.1E+00
178	0.4077	5.58E-02	2.3E-02	1.05E-03	2.38E-05	1.09E+00	1.57E-01	4.06E-06	1.0E+06	4.1E+00
179	0.39899	5.58E-02	2.2E-02	1.05E-03	2.33E-05	1.09E+00	1.57E-01	3.98E-06	1.0E+06	4.0E+00
180	0.3897	5.58E-02	2.2E-02	1.05E-03	2.27E-05	1.09E+00	1.57E-01	3.88E-06	1.0E+06	3.9E+00
181	0.37983	5.58E-02	2.1E-02	1.05E-03	2.21E-05	1.09E+00	1.57E-01	3.79E-06	1.0E+06	3.8E+00
182	0.36947	5.58E-02	2.1E-02	1.05E-03	2.15E-05	1.09E+00	1.57E-01	3.68E-06	1.0E+06	3.7E+00
183	0.35874	5.58E-02	2.0E-02	1.05E-03	2.09E-05	1.09E+00	1.57E-01	3.58E-06	1.0E+06	3.6E+00
184	0.34779	5.58E-02	1.9E-02	1.05E-03	2.03E-05	1.09E+00	1.57E-01	3.47E-06	1.0E+06	3.5E+00
185	0.33679	5.58E-02	1.9E-02	1.05E-03	1.96E-05	1.09E+00	1.57E-01	3.36E-06	1.0E+06	3.4E+00

Berkley WTPF
Pier Unmitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
186	0.32589	5.58E-02	1.8E-02	1.05E-03	1.90E-05	1.09E+00	1.57E-01	3.25E-06	1.0E+06	3.2E+00
187	0.31525	5.58E-02	1.8E-02	1.05E-03	1.84E-05	1.09E+00	1.57E-01	3.14E-06	1.0E+06	3.1E+00
188	0.305	5.58E-02	1.7E-02	1.05E-03	1.78E-05	1.09E+00	1.57E-01	3.04E-06	1.0E+06	3.0E+00
189	0.29524	5.58E-02	1.6E-02	1.05E-03	1.72E-05	1.09E+00	1.57E-01	2.94E-06	1.0E+06	2.9E+00
190	0.28471	5.58E-02	1.6E-02	1.05E-03	1.66E-05	1.09E+00	1.57E-01	2.84E-06	1.0E+06	2.8E+00
191	0.4486	5.58E-02	2.5E-02	1.05E-03	2.62E-05	1.09E+00	1.57E-01	4.47E-06	1.0E+06	4.5E+00
192	0.44395	5.58E-02	2.5E-02	1.05E-03	2.59E-05	1.09E+00	1.57E-01	4.42E-06	1.0E+06	4.4E+00
193	0.43827	5.58E-02	2.4E-02	1.05E-03	2.56E-05	1.09E+00	1.57E-01	4.37E-06	1.0E+06	4.4E+00
194	0.43158	5.58E-02	2.4E-02	1.05E-03	2.52E-05	1.09E+00	1.57E-01	4.30E-06	1.0E+06	4.3E+00
195	0.42482	5.58E-02	2.4E-02	1.05E-03	2.48E-05	1.09E+00	1.57E-01	4.23E-06	1.0E+06	4.2E+00
196	0.41813	5.58E-02	2.3E-02	1.05E-03	2.44E-05	1.09E+00	1.57E-01	4.17E-06	1.0E+06	4.2E+00
197	0.41156	5.58E-02	2.3E-02	1.05E-03	2.40E-05	1.09E+00	1.57E-01	4.10E-06	1.0E+06	4.1E+00
198	0.40509	5.58E-02	2.3E-02	1.05E-03	2.36E-05	1.09E+00	1.57E-01	4.04E-06	1.0E+06	4.0E+00
199	0.39863	5.58E-02	2.2E-02	1.05E-03	2.32E-05	1.09E+00	1.57E-01	3.97E-06	1.0E+06	4.0E+00
200	0.39209	5.58E-02	2.2E-02	1.05E-03	2.29E-05	1.09E+00	1.57E-01	3.91E-06	1.0E+06	3.9E+00
201	0.36256	5.58E-02	2.0E-02	1.05E-03	2.11E-05	1.09E+00	1.57E-01	3.61E-06	1.0E+06	3.6E+00
202	0.35386	5.58E-02	2.0E-02	1.05E-03	2.06E-05	1.09E+00	1.57E-01	3.53E-06	1.0E+06	3.5E+00
203	0.34468	5.58E-02	1.9E-02	1.05E-03	2.01E-05	1.09E+00	1.57E-01	3.43E-06	1.0E+06	3.4E+00
204	0.33511	5.58E-02	1.9E-02	1.05E-03	1.95E-05	1.09E+00	1.57E-01	3.34E-06	1.0E+06	3.3E+00
205	0.3253	5.58E-02	1.8E-02	1.05E-03	1.90E-05	1.09E+00	1.57E-01	3.24E-06	1.0E+06	3.2E+00
206	0.31538	5.58E-02	1.8E-02	1.05E-03	1.84E-05	1.09E+00	1.57E-01	3.14E-06	1.0E+06	3.1E+00
207	0.30551	5.58E-02	1.7E-02	1.05E-03	1.78E-05	1.09E+00	1.57E-01	3.04E-06	1.0E+06	3.0E+00
208	0.29581	5.58E-02	1.7E-02	1.05E-03	1.72E-05	1.09E+00	1.57E-01	2.95E-06	1.0E+06	2.9E+00
209	0.28643	5.58E-02	1.6E-02	1.05E-03	1.67E-05	1.09E+00	1.57E-01	2.85E-06	1.0E+06	2.9E+00
210	0.27566	5.58E-02	1.5E-02	1.05E-03	1.61E-05	1.09E+00	1.57E-01	2.75E-06	1.0E+06	2.7E+00
211	0.42043	5.58E-02	2.3E-02	1.05E-03	2.45E-05	1.09E+00	1.57E-01	4.19E-06	1.0E+06	4.2E+00
212	0.41541	5.58E-02	2.3E-02	1.05E-03	2.42E-05	1.09E+00	1.57E-01	4.14E-06	1.0E+06	4.1E+00
213	0.40991	5.58E-02	2.3E-02	1.05E-03	2.39E-05	1.09E+00	1.57E-01	4.08E-06	1.0E+06	4.1E+00
214	0.40416	5.58E-02	2.3E-02	1.05E-03	2.36E-05	1.09E+00	1.57E-01	4.03E-06	1.0E+06	4.0E+00
215	0.39829	5.58E-02	2.2E-02	1.05E-03	2.32E-05	1.09E+00	1.57E-01	3.97E-06	1.0E+06	4.0E+00
216	0.39242	5.58E-02	2.2E-02	1.05E-03	2.29E-05	1.09E+00	1.57E-01	3.91E-06	1.0E+06	3.9E+00

Berkley WTPF
Pier Unmitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
217	0.38667	5.58E-02	2.2E-02	1.05E-03	2.25E-05	1.09E+00	1.57E-01	3.85E-06	1.0E+06	3.9E+00
218	0.38103	5.58E-02	2.1E-02	1.05E-03	2.22E-05	1.09E+00	1.57E-01	3.80E-06	1.0E+06	3.8E+00
219	0.37549	5.58E-02	2.1E-02	1.05E-03	2.19E-05	1.09E+00	1.57E-01	3.74E-06	1.0E+06	3.7E+00
220	0.33094	5.58E-02	1.8E-02	1.05E-03	1.93E-05	1.09E+00	1.57E-01	3.30E-06	1.0E+06	3.3E+00
221	0.32276	5.58E-02	1.8E-02	1.05E-03	1.88E-05	1.09E+00	1.57E-01	3.22E-06	1.0E+06	3.2E+00
222	0.31419	5.58E-02	1.8E-02	1.05E-03	1.83E-05	1.09E+00	1.57E-01	3.13E-06	1.0E+06	3.1E+00
223	0.30536	5.58E-02	1.7E-02	1.05E-03	1.78E-05	1.09E+00	1.57E-01	3.04E-06	1.0E+06	3.0E+00
224	0.29639	5.58E-02	1.7E-02	1.05E-03	1.73E-05	1.09E+00	1.57E-01	2.95E-06	1.0E+06	3.0E+00
225	0.2874	5.58E-02	1.6E-02	1.05E-03	1.68E-05	1.09E+00	1.57E-01	2.86E-06	1.0E+06	2.9E+00
226	0.27849	5.58E-02	1.6E-02	1.05E-03	1.62E-05	1.09E+00	1.57E-01	2.78E-06	1.0E+06	2.8E+00
227	0.39696	5.58E-02	2.2E-02	1.05E-03	2.31E-05	1.09E+00	1.57E-01	3.96E-06	1.0E+06	4.0E+00
228	0.39348	5.58E-02	2.2E-02	1.05E-03	2.29E-05	1.09E+00	1.57E-01	3.92E-06	1.0E+06	3.9E+00
229	0.38909	5.58E-02	2.2E-02	1.05E-03	2.27E-05	1.09E+00	1.57E-01	3.88E-06	1.0E+06	3.9E+00
230	0.38436	5.58E-02	2.1E-02	1.05E-03	2.24E-05	1.09E+00	1.57E-01	3.83E-06	1.0E+06	3.8E+00
231	0.37939	5.58E-02	2.1E-02	1.05E-03	2.21E-05	1.09E+00	1.57E-01	3.78E-06	1.0E+06	3.8E+00
232	0.37428	5.58E-02	2.1E-02	1.05E-03	2.18E-05	1.09E+00	1.57E-01	3.73E-06	1.0E+06	3.7E+00
233	0.36914	5.58E-02	2.1E-02	1.05E-03	2.15E-05	1.09E+00	1.57E-01	3.68E-06	1.0E+06	3.7E+00
234	0.36406	5.58E-02	2.0E-02	1.05E-03	2.12E-05	1.09E+00	1.57E-01	3.63E-06	1.0E+06	3.6E+00
235	0.35909	5.58E-02	2.0E-02	1.05E-03	2.09E-05	1.09E+00	1.57E-01	3.58E-06	1.0E+06	3.6E+00
236	0.35426	5.58E-02	2.0E-02	1.05E-03	2.07E-05	1.09E+00	1.57E-01	3.53E-06	1.0E+06	3.5E+00
237	0.32377	5.58E-02	1.8E-02	1.05E-03	1.89E-05	1.09E+00	1.57E-01	3.23E-06	1.0E+06	3.2E+00
238	0.31743	5.58E-02	1.8E-02	1.05E-03	1.85E-05	1.09E+00	1.57E-01	3.16E-06	1.0E+06	3.2E+00
239	0.31057	5.58E-02	1.7E-02	1.05E-03	1.81E-05	1.09E+00	1.57E-01	3.09E-06	1.0E+06	3.1E+00
240	0.30325	5.58E-02	1.7E-02	1.05E-03	1.77E-05	1.09E+00	1.57E-01	3.02E-06	1.0E+06	3.0E+00
241	0.29554	5.58E-02	1.6E-02	1.05E-03	1.72E-05	1.09E+00	1.57E-01	2.95E-06	1.0E+06	2.9E+00
242	0.28757	5.58E-02	1.6E-02	1.05E-03	1.68E-05	1.09E+00	1.57E-01	2.87E-06	1.0E+06	2.9E+00
243	0.27914	5.58E-02	1.6E-02	1.05E-03	1.63E-05	1.09E+00	1.57E-01	2.78E-06	1.0E+06	2.8E+00
244	0.27034	5.58E-02	1.5E-02	1.05E-03	1.58E-05	1.09E+00	1.57E-01	2.69E-06	1.0E+06	2.7E+00
245	0.36534	5.58E-02	2.0E-02	1.05E-03	2.13E-05	1.09E+00	1.57E-01	3.64E-06	1.0E+06	3.6E+00
246	0.36123	5.58E-02	2.0E-02	1.05E-03	2.11E-05	1.09E+00	1.57E-01	3.60E-06	1.0E+06	3.6E+00
247	0.35692	5.58E-02	2.0E-02	1.05E-03	2.08E-05	1.09E+00	1.57E-01	3.56E-06	1.0E+06	3.6E+00

Berkley WTPF
Pier Unmitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
248	0.35247	5.58E-02	2.0E-02	1.05E-03	2.06E-05	1.09E+00	1.57E-01	3.51E-06	1.0E+06	3.5E+00
249	0.34795	5.58E-02	1.9E-02	1.05E-03	2.03E-05	1.09E+00	1.57E-01	3.47E-06	1.0E+06	3.5E+00
250	0.34346	5.58E-02	1.9E-02	1.05E-03	2.00E-05	1.09E+00	1.57E-01	3.42E-06	1.0E+06	3.4E+00
251	0.33905	5.58E-02	1.9E-02	1.05E-03	1.98E-05	1.09E+00	1.57E-01	3.38E-06	1.0E+06	3.4E+00
252	0.33477	5.58E-02	1.9E-02	1.05E-03	1.95E-05	1.09E+00	1.57E-01	3.34E-06	1.0E+06	3.3E+00
253	0.30928	5.58E-02	1.7E-02	1.05E-03	1.80E-05	1.09E+00	1.57E-01	3.08E-06	1.0E+06	3.1E+00
254	0.30413	5.58E-02	1.7E-02	1.05E-03	1.77E-05	1.09E+00	1.57E-01	3.03E-06	1.0E+06	3.0E+00
255	0.29849	5.58E-02	1.7E-02	1.05E-03	1.74E-05	1.09E+00	1.57E-01	2.97E-06	1.0E+06	3.0E+00
256	0.29236	5.58E-02	1.6E-02	1.05E-03	1.70E-05	1.09E+00	1.57E-01	2.91E-06	1.0E+06	2.9E+00
257	0.28578	5.58E-02	1.6E-02	1.05E-03	1.67E-05	1.09E+00	1.57E-01	2.85E-06	1.0E+06	2.8E+00
258	0.27883	5.58E-02	1.6E-02	1.05E-03	1.63E-05	1.09E+00	1.57E-01	2.78E-06	1.0E+06	2.8E+00
259	0.27108	5.58E-02	1.5E-02	1.05E-03	1.58E-05	1.09E+00	1.57E-01	2.70E-06	1.0E+06	2.7E+00
260	0.32463	5.58E-02	1.8E-02	1.05E-03	1.89E-05	1.09E+00	1.57E-01	3.24E-06	1.0E+06	3.2E+00
261	0.3207	5.58E-02	1.8E-02	1.05E-03	1.87E-05	1.09E+00	1.57E-01	3.20E-06	1.0E+06	3.2E+00
262	0.29907	5.58E-02	1.7E-02	1.05E-03	1.74E-05	1.09E+00	1.57E-01	2.98E-06	1.0E+06	3.0E+00
263	0.29525	5.58E-02	1.6E-02	1.05E-03	1.72E-05	1.09E+00	1.57E-01	2.94E-06	1.0E+06	2.9E+00
264	0.29111	5.58E-02	1.6E-02	1.05E-03	1.70E-05	1.09E+00	1.57E-01	2.90E-06	1.0E+06	2.9E+00
265	0.28653	5.58E-02	1.6E-02	1.05E-03	1.67E-05	1.09E+00	1.57E-01	2.86E-06	1.0E+06	2.9E+00
266	0.28149	5.58E-02	1.6E-02	1.05E-03	1.64E-05	1.09E+00	1.57E-01	2.81E-06	1.0E+06	2.8E+00
267	0.27598	5.58E-02	1.5E-02	1.05E-03	1.61E-05	1.09E+00	1.57E-01	2.75E-06	1.0E+06	2.8E+00
268	0.27002	5.58E-02	1.5E-02	1.05E-03	1.57E-05	1.09E+00	1.57E-01	2.69E-06	1.0E+06	2.7E+00
269	0.26301	5.58E-02	1.5E-02	1.05E-03	1.53E-05	1.09E+00	1.57E-01	2.62E-06	1.0E+06	2.6E+00
270	0.2849	5.58E-02	1.6E-02	1.05E-03	1.66E-05	1.09E+00	1.57E-01	2.84E-06	1.0E+06	2.8E+00
271	0.28178	5.58E-02	1.6E-02	1.05E-03	1.64E-05	1.09E+00	1.57E-01	2.81E-06	1.0E+06	2.8E+00
272	0.27844	5.58E-02	1.6E-02	1.05E-03	1.62E-05	1.09E+00	1.57E-01	2.77E-06	1.0E+06	2.8E+00
273	0.27476	5.58E-02	1.5E-02	1.05E-03	1.60E-05	1.09E+00	1.57E-01	2.74E-06	1.0E+06	2.7E+00
274	0.27068	5.58E-02	1.5E-02	1.05E-03	1.58E-05	1.09E+00	1.57E-01	2.70E-06	1.0E+06	2.7E+00
275	0.26616	5.58E-02	1.5E-02	1.05E-03	1.55E-05	1.09E+00	1.57E-01	2.65E-06	1.0E+06	2.7E+00
276	0.26065	5.58E-02	1.5E-02	1.05E-03	1.52E-05	1.09E+00	1.57E-01	2.60E-06	1.0E+06	2.6E+00
277	0.31636	5.58E-02	1.8E-02	1.05E-03	1.84E-05	1.09E+00	1.57E-01	3.15E-06	1.0E+06	3.2E+00
278	0.31532	5.58E-02	1.8E-02	1.05E-03	1.84E-05	1.09E+00	1.57E-01	3.14E-06	1.0E+06	3.1E+00

Berkley WTPF
Pier Unmitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
279	0.31351	5.58E-02	1.7E-02	1.05E-03	1.83E-05	1.09E+00	1.57E-01	3.12E-06	1.0E+06	3.1E+00
280	0.31144	5.58E-02	1.7E-02	1.05E-03	1.82E-05	1.09E+00	1.57E-01	3.10E-06	1.0E+06	3.1E+00
281	0.30908	5.58E-02	1.7E-02	1.05E-03	1.80E-05	1.09E+00	1.57E-01	3.08E-06	1.0E+06	3.1E+00
282	0.27406	5.58E-02	1.5E-02	1.05E-03	1.60E-05	1.09E+00	1.57E-01	2.73E-06	1.0E+06	2.7E+00
283	0.27151	5.58E-02	1.5E-02	1.05E-03	1.58E-05	1.09E+00	1.57E-01	2.71E-06	1.0E+06	2.7E+00
284	0.26892	5.58E-02	1.5E-02	1.05E-03	1.57E-05	1.09E+00	1.57E-01	2.68E-06	1.0E+06	2.7E+00
285	0.26621	5.58E-02	1.5E-02	1.05E-03	1.55E-05	1.09E+00	1.57E-01	2.65E-06	1.0E+06	2.7E+00
286	0.26326	5.58E-02	1.5E-02	1.05E-03	1.53E-05	1.09E+00	1.57E-01	2.62E-06	1.0E+06	2.6E+00
287	0.25999	5.58E-02	1.5E-02	1.05E-03	1.52E-05	1.09E+00	1.57E-01	2.59E-06	1.0E+06	2.6E+00
288	0.25633	5.58E-02	1.4E-02	1.05E-03	1.49E-05	1.09E+00	1.57E-01	2.55E-06	1.0E+06	2.6E+00
289	0.25128	5.58E-02	1.4E-02	1.05E-03	1.47E-05	1.09E+00	1.57E-01	2.50E-06	1.0E+06	2.5E+00
290	0.30115	5.58E-02	1.7E-02	1.05E-03	1.76E-05	1.09E+00	1.57E-01	3.00E-06	1.0E+06	3.0E+00
291	0.29995	5.58E-02	1.7E-02	1.05E-03	1.75E-05	1.09E+00	1.57E-01	2.99E-06	1.0E+06	3.0E+00
292	0.29826	5.58E-02	1.7E-02	1.05E-03	1.74E-05	1.09E+00	1.57E-01	2.97E-06	1.0E+06	3.0E+00
293	0.29656	5.58E-02	1.7E-02	1.05E-03	1.73E-05	1.09E+00	1.57E-01	2.96E-06	1.0E+06	3.0E+00
294	0.29469	5.58E-02	1.6E-02	1.05E-03	1.72E-05	1.09E+00	1.57E-01	2.94E-06	1.0E+06	2.9E+00
295	0.29256	5.58E-02	1.6E-02	1.05E-03	1.71E-05	1.09E+00	1.57E-01	2.92E-06	1.0E+06	2.9E+00
296	0.29021	5.58E-02	1.6E-02	1.05E-03	1.69E-05	1.09E+00	1.57E-01	2.89E-06	1.0E+06	2.9E+00
297	0.28768	5.58E-02	1.6E-02	1.05E-03	1.68E-05	1.09E+00	1.57E-01	2.87E-06	1.0E+06	2.9E+00
298	0.28505	5.58E-02	1.6E-02	1.05E-03	1.66E-05	1.09E+00	1.57E-01	2.84E-06	1.0E+06	2.8E+00
299	0.28236	5.58E-02	1.6E-02	1.05E-03	1.65E-05	1.09E+00	1.57E-01	2.81E-06	1.0E+06	2.8E+00
300	0.27962	5.58E-02	1.6E-02	1.05E-03	1.63E-05	1.09E+00	1.57E-01	2.79E-06	1.0E+06	2.8E+00
301	0.26113	5.58E-02	1.5E-02	1.05E-03	1.52E-05	1.09E+00	1.57E-01	2.60E-06	1.0E+06	2.6E+00
302	0.25891	5.58E-02	1.4E-02	1.05E-03	1.51E-05	1.09E+00	1.57E-01	2.58E-06	1.0E+06	2.6E+00
303	0.25672	5.58E-02	1.4E-02	1.05E-03	1.50E-05	1.09E+00	1.57E-01	2.56E-06	1.0E+06	2.6E+00
304	0.25449	5.58E-02	1.4E-02	1.05E-03	1.48E-05	1.09E+00	1.57E-01	2.54E-06	1.0E+06	2.5E+00
305	0.25212	5.58E-02	1.4E-02	1.05E-03	1.47E-05	1.09E+00	1.57E-01	2.51E-06	1.0E+06	2.5E+00
306	0.24951	5.58E-02	1.4E-02	1.05E-03	1.45E-05	1.09E+00	1.57E-01	2.49E-06	1.0E+06	2.5E+00
307	0.24658	5.58E-02	1.4E-02	1.05E-03	1.44E-05	1.09E+00	1.57E-01	2.46E-06	1.0E+06	2.5E+00
308	0.28538	5.58E-02	1.6E-02	1.05E-03	1.66E-05	1.09E+00	1.57E-01	2.84E-06	1.0E+06	2.8E+00
309	0.28426	5.58E-02	1.6E-02	1.05E-03	1.66E-05	1.09E+00	1.57E-01	2.83E-06	1.0E+06	2.8E+00

Berkley WTPF
Pier Unmitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
310	0.2827	5.58E-02	1.6E-02	1.05E-03	1.65E-05	1.09E+00	1.57E-01	2.82E-06	1.0E+06	2.8E+00
311	0.28114	5.58E-02	1.6E-02	1.05E-03	1.64E-05	1.09E+00	1.57E-01	2.80E-06	1.0E+06	2.8E+00
312	0.27942	5.58E-02	1.6E-02	1.05E-03	1.63E-05	1.09E+00	1.57E-01	2.78E-06	1.0E+06	2.8E+00
313	0.27749	5.58E-02	1.5E-02	1.05E-03	1.62E-05	1.09E+00	1.57E-01	2.77E-06	1.0E+06	2.8E+00
314	0.27534	5.58E-02	1.5E-02	1.05E-03	1.61E-05	1.09E+00	1.57E-01	2.74E-06	1.0E+06	2.7E+00
315	0.27304	5.58E-02	1.5E-02	1.05E-03	1.59E-05	1.09E+00	1.57E-01	2.72E-06	1.0E+06	2.7E+00
316	0.27066	5.58E-02	1.5E-02	1.05E-03	1.58E-05	1.09E+00	1.57E-01	2.70E-06	1.0E+06	2.7E+00
317	0.26823	5.58E-02	1.5E-02	1.05E-03	1.56E-05	1.09E+00	1.57E-01	2.67E-06	1.0E+06	2.7E+00
318	0.26578	5.58E-02	1.5E-02	1.05E-03	1.55E-05	1.09E+00	1.57E-01	2.65E-06	1.0E+06	2.6E+00
319	0.2633	5.58E-02	1.5E-02	1.05E-03	1.54E-05	1.09E+00	1.57E-01	2.62E-06	1.0E+06	2.6E+00
320	0.26079	5.58E-02	1.5E-02	1.05E-03	1.52E-05	1.09E+00	1.57E-01	2.60E-06	1.0E+06	2.6E+00
321	0.25828	5.58E-02	1.4E-02	1.05E-03	1.51E-05	1.09E+00	1.57E-01	2.57E-06	1.0E+06	2.6E+00
322	0.25581	5.58E-02	1.4E-02	1.05E-03	1.49E-05	1.09E+00	1.57E-01	2.55E-06	1.0E+06	2.5E+00
323	0.24907	5.58E-02	1.4E-02	1.05E-03	1.45E-05	1.09E+00	1.57E-01	2.48E-06	1.0E+06	2.5E+00
324	0.24709	5.58E-02	1.4E-02	1.05E-03	1.44E-05	1.09E+00	1.57E-01	2.46E-06	1.0E+06	2.5E+00
325	0.2452	5.58E-02	1.4E-02	1.05E-03	1.43E-05	1.09E+00	1.57E-01	2.44E-06	1.0E+06	2.4E+00
326	0.24332	5.58E-02	1.4E-02	1.05E-03	1.42E-05	1.09E+00	1.57E-01	2.42E-06	1.0E+06	2.4E+00
327	0.24139	5.58E-02	1.3E-02	1.05E-03	1.41E-05	1.09E+00	1.57E-01	2.41E-06	1.0E+06	2.4E+00
328	0.23931	5.58E-02	1.3E-02	1.05E-03	1.40E-05	1.09E+00	1.57E-01	2.38E-06	1.0E+06	2.4E+00
329	0.23699	5.58E-02	1.3E-02	1.05E-03	1.38E-05	1.09E+00	1.57E-01	2.36E-06	1.0E+06	2.4E+00
330	0.27103	5.58E-02	1.5E-02	1.05E-03	1.58E-05	1.09E+00	1.57E-01	2.70E-06	1.0E+06	2.7E+00
331	0.26998	5.58E-02	1.5E-02	1.05E-03	1.57E-05	1.09E+00	1.57E-01	2.69E-06	1.0E+06	2.7E+00
332	0.26852	5.58E-02	1.5E-02	1.05E-03	1.57E-05	1.09E+00	1.57E-01	2.68E-06	1.0E+06	2.7E+00
333	0.26707	5.58E-02	1.5E-02	1.05E-03	1.56E-05	1.09E+00	1.57E-01	2.66E-06	1.0E+06	2.7E+00
334	0.26548	5.58E-02	1.5E-02	1.05E-03	1.55E-05	1.09E+00	1.57E-01	2.65E-06	1.0E+06	2.6E+00
335	0.2637	5.58E-02	1.5E-02	1.05E-03	1.54E-05	1.09E+00	1.57E-01	2.63E-06	1.0E+06	2.6E+00
336	0.26172	5.58E-02	1.5E-02	1.05E-03	1.53E-05	1.09E+00	1.57E-01	2.61E-06	1.0E+06	2.6E+00
337	0.25961	5.58E-02	1.4E-02	1.05E-03	1.51E-05	1.09E+00	1.57E-01	2.59E-06	1.0E+06	2.6E+00
338	0.25742	5.58E-02	1.4E-02	1.05E-03	1.50E-05	1.09E+00	1.57E-01	2.57E-06	1.0E+06	2.6E+00
339	0.25521	5.58E-02	1.4E-02	1.05E-03	1.49E-05	1.09E+00	1.57E-01	2.54E-06	1.0E+06	2.5E+00
340	0.25299	5.58E-02	1.4E-02	1.05E-03	1.48E-05	1.09E+00	1.57E-01	2.52E-06	1.0E+06	2.5E+00

Berkley WTPF
Pier Unmitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
341	0.25076	5.58E-02	1.4E-02	1.05E-03	1.46E-05	1.09E+00	1.57E-01	2.50E-06	1.0E+06	2.5E+00
342	0.24851	5.58E-02	1.4E-02	1.05E-03	1.45E-05	1.09E+00	1.57E-01	2.48E-06	1.0E+06	2.5E+00
343	0.24625	5.58E-02	1.4E-02	1.05E-03	1.44E-05	1.09E+00	1.57E-01	2.45E-06	1.0E+06	2.5E+00
344	0.24401	5.58E-02	1.4E-02	1.05E-03	1.42E-05	1.09E+00	1.57E-01	2.43E-06	1.0E+06	2.4E+00
345	0.24182	5.58E-02	1.3E-02	1.05E-03	1.41E-05	1.09E+00	1.57E-01	2.41E-06	1.0E+06	2.4E+00
346	0.23975	5.58E-02	1.3E-02	1.05E-03	1.40E-05	1.09E+00	1.57E-01	2.39E-06	1.0E+06	2.4E+00
347	0.23781	5.58E-02	1.3E-02	1.05E-03	1.39E-05	1.09E+00	1.57E-01	2.37E-06	1.0E+06	2.4E+00
348	0.23602	5.58E-02	1.3E-02	1.05E-03	1.38E-05	1.09E+00	1.57E-01	2.35E-06	1.0E+06	2.4E+00
349	0.23434	5.58E-02	1.3E-02	1.05E-03	1.37E-05	1.09E+00	1.57E-01	2.34E-06	1.0E+06	2.3E+00
350	0.23273	5.58E-02	1.3E-02	1.05E-03	1.36E-05	1.09E+00	1.57E-01	2.32E-06	1.0E+06	2.3E+00
351	0.23089	5.58E-02	1.3E-02	1.05E-03	1.35E-05	1.09E+00	1.57E-01	2.30E-06	1.0E+06	2.3E+00
352	0.22908	5.58E-02	1.3E-02	1.05E-03	1.34E-05	1.09E+00	1.57E-01	2.28E-06	1.0E+06	2.3E+00
353	0.25792	5.58E-02	1.4E-02	1.05E-03	1.50E-05	1.09E+00	1.57E-01	2.57E-06	1.0E+06	2.6E+00
354	0.25693	5.58E-02	1.4E-02	1.05E-03	1.50E-05	1.09E+00	1.57E-01	2.56E-06	1.0E+06	2.6E+00
355	0.25556	5.58E-02	1.4E-02	1.05E-03	1.49E-05	1.09E+00	1.57E-01	2.55E-06	1.0E+06	2.5E+00
356	0.2542	5.58E-02	1.4E-02	1.05E-03	1.48E-05	1.09E+00	1.57E-01	2.53E-06	1.0E+06	2.5E+00
357	0.25272	5.58E-02	1.4E-02	1.05E-03	1.47E-05	1.09E+00	1.57E-01	2.52E-06	1.0E+06	2.5E+00
358	0.25107	5.58E-02	1.4E-02	1.05E-03	1.46E-05	1.09E+00	1.57E-01	2.50E-06	1.0E+06	2.5E+00
359	0.24923	5.58E-02	1.4E-02	1.05E-03	1.45E-05	1.09E+00	1.57E-01	2.48E-06	1.0E+06	2.5E+00
360	0.24727	5.58E-02	1.4E-02	1.05E-03	1.44E-05	1.09E+00	1.57E-01	2.46E-06	1.0E+06	2.5E+00
361	0.24524	5.58E-02	1.4E-02	1.05E-03	1.43E-05	1.09E+00	1.57E-01	2.44E-06	1.0E+06	2.4E+00
362	0.2432	5.58E-02	1.4E-02	1.05E-03	1.42E-05	1.09E+00	1.57E-01	2.42E-06	1.0E+06	2.4E+00
363	0.24116	5.58E-02	1.3E-02	1.05E-03	1.41E-05	1.09E+00	1.57E-01	2.40E-06	1.0E+06	2.4E+00
364	0.23914	5.58E-02	1.3E-02	1.05E-03	1.39E-05	1.09E+00	1.57E-01	2.38E-06	1.0E+06	2.4E+00
365	0.23711	5.58E-02	1.3E-02	1.05E-03	1.38E-05	1.09E+00	1.57E-01	2.36E-06	1.0E+06	2.4E+00
366	0.23507	5.58E-02	1.3E-02	1.05E-03	1.37E-05	1.09E+00	1.57E-01	2.34E-06	1.0E+06	2.3E+00
367	0.23303	5.58E-02	1.3E-02	1.05E-03	1.36E-05	1.09E+00	1.57E-01	2.32E-06	1.0E+06	2.3E+00
368	0.23103	5.58E-02	1.3E-02	1.05E-03	1.35E-05	1.09E+00	1.57E-01	2.30E-06	1.0E+06	2.3E+00
369	0.2291	5.58E-02	1.3E-02	1.05E-03	1.34E-05	1.09E+00	1.57E-01	2.28E-06	1.0E+06	2.3E+00
370	0.22726	5.58E-02	1.3E-02	1.05E-03	1.33E-05	1.09E+00	1.57E-01	2.26E-06	1.0E+06	2.3E+00
371	0.22558	5.58E-02	1.3E-02	1.05E-03	1.32E-05	1.09E+00	1.57E-01	2.25E-06	1.0E+06	2.2E+00

Berkley WTPF
Pier Unmitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
372	0.22404	5.58E-02	1.2E-02	1.05E-03	1.31E-05	1.09E+00	1.57E-01	2.23E-06	1.0E+06	2.2E+00
373	0.24498	5.58E-02	1.4E-02	1.05E-03	1.43E-05	1.09E+00	1.57E-01	2.44E-06	1.0E+06	2.4E+00
374	0.24369	5.58E-02	1.4E-02	1.05E-03	1.42E-05	1.09E+00	1.57E-01	2.43E-06	1.0E+06	2.4E+00
375	0.24241	5.58E-02	1.4E-02	1.05E-03	1.41E-05	1.09E+00	1.57E-01	2.42E-06	1.0E+06	2.4E+00
376	0.24102	5.58E-02	1.3E-02	1.05E-03	1.41E-05	1.09E+00	1.57E-01	2.40E-06	1.0E+06	2.4E+00
377	0.23947	5.58E-02	1.3E-02	1.05E-03	1.40E-05	1.09E+00	1.57E-01	2.39E-06	1.0E+06	2.4E+00
378	0.23775	5.58E-02	1.3E-02	1.05E-03	1.39E-05	1.09E+00	1.57E-01	2.37E-06	1.0E+06	2.4E+00
379	0.23591	5.58E-02	1.3E-02	1.05E-03	1.38E-05	1.09E+00	1.57E-01	2.35E-06	1.0E+06	2.4E+00
380	0.23401	5.58E-02	1.3E-02	1.05E-03	1.36E-05	1.09E+00	1.57E-01	2.33E-06	1.0E+06	2.3E+00
381	0.2321	5.58E-02	1.3E-02	1.05E-03	1.35E-05	1.09E+00	1.57E-01	2.31E-06	1.0E+06	2.3E+00
382	0.23022	5.58E-02	1.3E-02	1.05E-03	1.34E-05	1.09E+00	1.57E-01	2.29E-06	1.0E+06	2.3E+00
383	0.22836	5.58E-02	1.3E-02	1.05E-03	1.33E-05	1.09E+00	1.57E-01	2.28E-06	1.0E+06	2.3E+00
384	0.22651	5.58E-02	1.3E-02	1.05E-03	1.32E-05	1.09E+00	1.57E-01	2.26E-06	1.0E+06	2.3E+00
385	0.22465	5.58E-02	1.3E-02	1.05E-03	1.31E-05	1.09E+00	1.57E-01	2.24E-06	1.0E+06	2.2E+00
386	0.2228	5.58E-02	1.2E-02	1.05E-03	1.30E-05	1.09E+00	1.57E-01	2.22E-06	1.0E+06	2.2E+00
387	0.22096	5.58E-02	1.2E-02	1.05E-03	1.29E-05	1.09E+00	1.57E-01	2.20E-06	1.0E+06	2.2E+00
388	0.21898	5.58E-02	1.2E-02	1.05E-03	1.28E-05	1.09E+00	1.57E-01	2.18E-06	1.0E+06	2.2E+00
389	0.23354	5.58E-02	1.3E-02	1.05E-03	1.36E-05	1.09E+00	1.57E-01	2.33E-06	1.0E+06	2.3E+00
390	0.23233	5.58E-02	1.3E-02	1.05E-03	1.35E-05	1.09E+00	1.57E-01	2.32E-06	1.0E+06	2.3E+00
391	0.2314	5.58E-02	1.3E-02	1.05E-03	1.35E-05	1.09E+00	1.57E-01	2.31E-06	1.0E+06	2.3E+00
392	0.23027	5.58E-02	1.3E-02	1.05E-03	1.34E-05	1.09E+00	1.57E-01	2.29E-06	1.0E+06	2.3E+00
393	0.2288	5.58E-02	1.3E-02	1.05E-03	1.33E-05	1.09E+00	1.57E-01	2.28E-06	1.0E+06	2.3E+00
394	0.22718	5.58E-02	1.3E-02	1.05E-03	1.32E-05	1.09E+00	1.57E-01	2.26E-06	1.0E+06	2.3E+00
395	0.22545	5.58E-02	1.3E-02	1.05E-03	1.31E-05	1.09E+00	1.57E-01	2.25E-06	1.0E+06	2.2E+00
396	0.22365	5.58E-02	1.2E-02	1.05E-03	1.30E-05	1.09E+00	1.57E-01	2.23E-06	1.0E+06	2.2E+00
397	0.22185	5.58E-02	1.2E-02	1.05E-03	1.29E-05	1.09E+00	1.57E-01	2.21E-06	1.0E+06	2.2E+00
398	0.22008	5.58E-02	1.2E-02	1.05E-03	1.28E-05	1.09E+00	1.57E-01	2.19E-06	1.0E+06	2.2E+00
399	0.21835	5.58E-02	1.2E-02	1.05E-03	1.27E-05	1.09E+00	1.57E-01	2.18E-06	1.0E+06	2.2E+00
400	0.21665	5.58E-02	1.2E-02	1.05E-03	1.26E-05	1.09E+00	1.57E-01	2.16E-06	1.0E+06	2.2E+00
401	0.21495	5.58E-02	1.2E-02	1.05E-03	1.25E-05	1.09E+00	1.57E-01	2.14E-06	1.0E+06	2.1E+00
402	0.21326	5.58E-02	1.2E-02	1.05E-03	1.24E-05	1.09E+00	1.57E-01	2.13E-06	1.0E+06	2.1E+00

Berkley WTPF
Pier Unmitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
403	0.21157	5.58E-02	1.2E-02	1.05E-03	1.23E-05	1.09E+00	1.57E-01	2.11E-06	1.0E+06	2.1E+00
404	0.22156	5.58E-02	1.2E-02	1.05E-03	1.29E-05	1.09E+00	1.57E-01	2.21E-06	1.0E+06	2.2E+00
405	0.22109	5.58E-02	1.2E-02	1.05E-03	1.29E-05	1.09E+00	1.57E-01	2.20E-06	1.0E+06	2.2E+00
406	0.22028	5.58E-02	1.2E-02	1.05E-03	1.28E-05	1.09E+00	1.57E-01	2.20E-06	1.0E+06	2.2E+00
407	0.21897	5.58E-02	1.2E-02	1.05E-03	1.28E-05	1.09E+00	1.57E-01	2.18E-06	1.0E+06	2.2E+00
408	0.21744	5.58E-02	1.2E-02	1.05E-03	1.27E-05	1.09E+00	1.57E-01	2.17E-06	1.0E+06	2.2E+00
409	0.21579	5.58E-02	1.2E-02	1.05E-03	1.26E-05	1.09E+00	1.57E-01	2.15E-06	1.0E+06	2.2E+00
410	0.21408	5.58E-02	1.2E-02	1.05E-03	1.25E-05	1.09E+00	1.57E-01	2.13E-06	1.0E+06	2.1E+00
411	0.21237	5.58E-02	1.2E-02	1.05E-03	1.24E-05	1.09E+00	1.57E-01	2.12E-06	1.0E+06	2.1E+00
412	0.21069	5.58E-02	1.2E-02	1.05E-03	1.23E-05	1.09E+00	1.57E-01	2.10E-06	1.0E+06	2.1E+00
413	0.20906	5.58E-02	1.2E-02	1.05E-03	1.22E-05	1.09E+00	1.57E-01	2.08E-06	1.0E+06	2.1E+00
414	0.20747	5.58E-02	1.2E-02	1.05E-03	1.21E-05	1.09E+00	1.57E-01	2.07E-06	1.0E+06	2.1E+00
415	0.20591	5.58E-02	1.1E-02	1.05E-03	1.20E-05	1.09E+00	1.57E-01	2.05E-06	1.0E+06	2.1E+00
416	0.20435	5.58E-02	1.1E-02	1.05E-03	1.19E-05	1.09E+00	1.57E-01	2.04E-06	1.0E+06	2.0E+00
417	0.20277	5.58E-02	1.1E-02	1.05E-03	1.18E-05	1.09E+00	1.57E-01	2.02E-06	1.0E+06	2.0E+00
418	0.21016	5.58E-02	1.2E-02	1.05E-03	1.23E-05	1.09E+00	1.57E-01	2.09E-06	1.0E+06	2.1E+00
419	0.20982	5.58E-02	1.2E-02	1.05E-03	1.22E-05	1.09E+00	1.57E-01	2.09E-06	1.0E+06	2.1E+00
420	0.20844	5.58E-02	1.2E-02	1.05E-03	1.22E-05	1.09E+00	1.57E-01	2.08E-06	1.0E+06	2.1E+00
421	0.20687	5.58E-02	1.2E-02	1.05E-03	1.21E-05	1.09E+00	1.57E-01	2.06E-06	1.0E+06	2.1E+00
422	0.20523	5.58E-02	1.1E-02	1.05E-03	1.20E-05	1.09E+00	1.57E-01	2.05E-06	1.0E+06	2.0E+00
423	0.20359	5.58E-02	1.1E-02	1.05E-03	1.19E-05	1.09E+00	1.57E-01	2.03E-06	1.0E+06	2.0E+00
424	0.20199	5.58E-02	1.1E-02	1.05E-03	1.18E-05	1.09E+00	1.57E-01	2.01E-06	1.0E+06	2.0E+00
425	0.20044	5.58E-02	1.1E-02	1.05E-03	1.17E-05	1.09E+00	1.57E-01	2.00E-06	1.0E+06	2.0E+00
426	0.19894	5.58E-02	1.1E-02	1.05E-03	1.16E-05	1.09E+00	1.57E-01	1.98E-06	1.0E+06	2.0E+00
427	0.19747	5.58E-02	1.1E-02	1.05E-03	1.15E-05	1.09E+00	1.57E-01	1.97E-06	1.0E+06	2.0E+00
428	0.19603	5.58E-02	1.1E-02	1.05E-03	1.14E-05	1.09E+00	1.57E-01	1.95E-06	1.0E+06	2.0E+00
429	0.19422	5.58E-02	1.1E-02	1.05E-03	1.13E-05	1.09E+00	1.57E-01	1.94E-06	1.0E+06	1.9E+00
430	0.195	5.58E-02	1.1E-02	1.05E-03	1.14E-05	1.09E+00	1.57E-01	1.94E-06	1.0E+06	1.9E+00
431	0.19359	5.58E-02	1.1E-02	1.05E-03	1.13E-05	1.09E+00	1.57E-01	1.93E-06	1.0E+06	1.9E+00
432	0.1921	5.58E-02	1.1E-02	1.05E-03	1.12E-05	1.09E+00	1.57E-01	1.91E-06	1.0E+06	1.9E+00
433	0.19087	5.58E-02	1.1E-02	1.05E-03	1.11E-05	1.09E+00	1.57E-01	1.90E-06	1.0E+06	1.9E+00

Berkley WTPF
Pier Unmitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
434	0.18961	5.58E-02	1.1E-02	1.05E-03	1.11E-05	1.09E+00	1.57E-01	1.89E-06	1.0E+06	1.9E+00
435	0.18825	5.58E-02	1.1E-02	1.05E-03	1.10E-05	1.09E+00	1.57E-01	1.88E-06	1.0E+06	1.9E+00

Berkley WTPF
Pier Unmitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
		Residence	
1	5	1.13E-02	1.13E-02
2	5	1.08E-02	1.08E-02
3	5	1.03E-02	1.03E-02
4	5	9.82E-03	9.82E-03
5	5	9.33E-03	9.33E-03
6	5	8.87E-03	8.87E-03
7	5	8.43E-03	8.43E-03
8	5	8.03E-03	8.03E-03
9	5	1.06E-02	1.06E-02
10	5	1.02E-02	1.02E-02
11	5	9.77E-03	9.77E-03
12	5	9.35E-03	9.35E-03
13	5	8.94E-03	8.94E-03
14	5	8.54E-03	8.54E-03
15	5	8.16E-03	8.16E-03
16	5	7.79E-03	7.79E-03
17	5	7.45E-03	7.45E-03
18	5	7.11E-03	7.11E-03
19	5	6.78E-03	6.78E-03
20	5	6.50E-03	6.50E-03
21	5	9.48E-03	9.48E-03
22	5	9.22E-03	9.22E-03
23	5	8.88E-03	8.88E-03
24	5	8.54E-03	8.54E-03
25	5	8.19E-03	8.19E-03
26	5	7.86E-03	7.86E-03
27	5	7.53E-03	7.53E-03
28	5	7.22E-03	7.22E-03
29	5	6.91E-03	6.91E-03
30	5	6.62E-03	6.62E-03

Max	Receptor #	
4.892E-05	1	Res
0.000	459	Park
0.000	1	Total

Berkley WTPF
Pier Unmitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
31	5	6.35E-03	6.35E-03
32	5	6.09E-03	6.09E-03
33	5	5.85E-03	5.85E-03
34	5	5.63E-03	5.63E-03
35	5	5.43E-03	5.43E-03
36	5	5.23E-03	5.23E-03
37	5	8.61E-03	8.61E-03
38	5	8.37E-03	8.37E-03
39	5	8.11E-03	8.11E-03
40	5	7.83E-03	7.83E-03
41	5	7.56E-03	7.56E-03
42	5	7.28E-03	7.28E-03
43	5	7.00E-03	7.00E-03
44	5	6.73E-03	6.73E-03
45	5	6.46E-03	6.46E-03
46	5	6.20E-03	6.20E-03
47	5	5.95E-03	5.95E-03
48	5	5.71E-03	5.71E-03
49	5	5.49E-03	5.49E-03
50	5	5.29E-03	5.29E-03
51	5	5.10E-03	5.10E-03
52	5	4.92E-03	4.92E-03
53	5	4.75E-03	4.75E-03
54	5	4.61E-03	4.61E-03
55	5	4.47E-03	4.47E-03
56	5	8.02E-03	8.02E-03
57	5	7.85E-03	7.85E-03
58	5	7.64E-03	7.64E-03
59	5	7.43E-03	7.43E-03
60	5	7.22E-03	7.22E-03
61	5	6.99E-03	6.99E-03

Berkley WTPF
Pier Unmitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
62	5	6.76E-03	6.76E-03
63	5	6.53E-03	6.53E-03
64	5	6.30E-03	6.30E-03
65	5	6.06E-03	6.06E-03
66	5	5.83E-03	5.83E-03
67	5	5.61E-03	5.61E-03
68	5	5.39E-03	5.39E-03
69	5	5.19E-03	5.19E-03
70	5	4.99E-03	4.99E-03
71	5	4.81E-03	4.81E-03
72	5	4.65E-03	4.65E-03
73	5	4.49E-03	4.49E-03
74	5	4.35E-03	4.35E-03
75	5	4.22E-03	4.22E-03
76	5	7.31E-03	7.31E-03
77	5	7.17E-03	7.17E-03
78	5	7.01E-03	7.01E-03
79	5	6.84E-03	6.84E-03
80	5	6.66E-03	6.66E-03
81	5	6.48E-03	6.48E-03
82	5	6.30E-03	6.30E-03
83	5	6.11E-03	6.11E-03
84	5	5.91E-03	5.91E-03
85	5	5.71E-03	5.71E-03
86	5	5.51E-03	5.51E-03
87	5	5.31E-03	5.31E-03
88	5	5.12E-03	5.12E-03
89	5	4.93E-03	4.93E-03
90	5	4.75E-03	4.75E-03
91	5	4.57E-03	4.57E-03
92	5	4.41E-03	4.41E-03

Berkley WTPF
Pier Unmitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
93	5	4.27E-03	4.27E-03
94	5	4.13E-03	4.13E-03
95	5	4.00E-03	4.00E-03
96	5	3.89E-03	3.89E-03
97	5	3.78E-03	3.78E-03
98	5	6.71E-03	6.71E-03
99	5	6.59E-03	6.59E-03
100	5	6.45E-03	6.45E-03
101	5	6.31E-03	6.31E-03
102	5	6.17E-03	6.17E-03
103	5	6.03E-03	6.03E-03
104	5	5.88E-03	5.88E-03
105	5	5.72E-03	5.72E-03
106	5	5.56E-03	5.56E-03
107	5	5.39E-03	5.39E-03
108	5	5.22E-03	5.22E-03
109	5	5.04E-03	5.04E-03
110	5	4.87E-03	4.87E-03
111	5	4.70E-03	4.70E-03
112	5	4.53E-03	4.53E-03
113	5	4.37E-03	4.37E-03
114	5	4.21E-03	4.21E-03
115	5	4.07E-03	4.07E-03
116	5	3.94E-03	3.94E-03
117	5	3.81E-03	3.81E-03
118	5	3.70E-03	3.70E-03
119	5	3.59E-03	3.59E-03
120	5	3.49E-03	3.49E-03
121	5	6.26E-03	6.26E-03
122	5	6.18E-03	6.18E-03
123	5	6.08E-03	6.08E-03

Berkley WTPF
Pier Unmitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
124	5	5.97E-03	5.97E-03
125	5	5.85E-03	5.85E-03
126	5	5.73E-03	5.73E-03
127	5	5.61E-03	5.61E-03
128	5	5.49E-03	5.49E-03
129	5	5.36E-03	5.36E-03
130	5	5.23E-03	5.23E-03
131	5	5.09E-03	5.09E-03
132	5	4.95E-03	4.95E-03
133	5	4.80E-03	4.80E-03
134	5	4.65E-03	4.65E-03
135	5	4.49E-03	4.49E-03
136	5	4.34E-03	4.34E-03
137	5	4.19E-03	4.19E-03
138	5	4.04E-03	4.04E-03
139	5	3.91E-03	3.91E-03
140	5	3.78E-03	3.78E-03
141	5	3.65E-03	3.65E-03
142	5	3.54E-03	3.54E-03
143	5	3.44E-03	3.44E-03
144	5	3.33E-03	3.33E-03
145	5	5.78E-03	5.78E-03
146	5	5.72E-03	5.72E-03
147	5	5.64E-03	5.64E-03
148	5	5.54E-03	5.54E-03
149	5	5.44E-03	5.44E-03
150	5	5.34E-03	5.34E-03
151	5	5.24E-03	5.24E-03
152	5	5.14E-03	5.14E-03
153	5	5.03E-03	5.03E-03
154	5	4.93E-03	4.93E-03

Berkley WTPF
Pier Unmitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
155	5	4.81E-03	4.81E-03
156	5	4.69E-03	4.69E-03
157	5	4.57E-03	4.57E-03
158	5	4.44E-03	4.44E-03
159	5	4.30E-03	4.30E-03
160	5	4.17E-03	4.17E-03
161	5	4.03E-03	4.03E-03
162	5	3.89E-03	3.89E-03
163	5	3.76E-03	3.76E-03
164	5	3.64E-03	3.64E-03
165	5	3.52E-03	3.52E-03
166	5	3.41E-03	3.41E-03
167	5	3.30E-03	3.30E-03
168	5	5.36E-03	5.36E-03
169	5	5.31E-03	5.31E-03
170	5	5.24E-03	5.24E-03
171	5	5.16E-03	5.16E-03
172	5	5.07E-03	5.07E-03
173	5	4.98E-03	4.98E-03
174	5	4.90E-03	4.90E-03
175	5	4.81E-03	4.81E-03
176	5	4.73E-03	4.73E-03
177	5	4.64E-03	4.64E-03
178	5	4.55E-03	4.55E-03
179	5	4.45E-03	4.45E-03
180	5	4.35E-03	4.35E-03
181	5	4.24E-03	4.24E-03
182	5	4.12E-03	4.12E-03
183	5	4.00E-03	4.00E-03
184	5	3.88E-03	3.88E-03
185	5	3.76E-03	3.76E-03

Berkley WTPF
Pier Unmitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
186	5	3.64E-03	3.64E-03
187	5	3.52E-03	3.52E-03
188	5	3.40E-03	3.40E-03
189	5	3.29E-03	3.29E-03
190	5	3.18E-03	3.18E-03
191	5	5.00E-03	5.00E-03
192	5	4.95E-03	4.95E-03
193	5	4.89E-03	4.89E-03
194	5	4.81E-03	4.81E-03
195	5	4.74E-03	4.74E-03
196	5	4.66E-03	4.66E-03
197	5	4.59E-03	4.59E-03
198	5	4.52E-03	4.52E-03
199	5	4.45E-03	4.45E-03
200	5	4.37E-03	4.37E-03
201	5	4.04E-03	4.04E-03
202	5	3.95E-03	3.95E-03
203	5	3.85E-03	3.85E-03
204	5	3.74E-03	3.74E-03
205	5	3.63E-03	3.63E-03
206	5	3.52E-03	3.52E-03
207	5	3.41E-03	3.41E-03
208	5	3.30E-03	3.30E-03
209	5	3.20E-03	3.20E-03
210	5	3.08E-03	3.08E-03
211	5	4.69E-03	4.69E-03
212	5	4.63E-03	4.63E-03
213	5	4.57E-03	4.57E-03
214	5	4.51E-03	4.51E-03
215	5	4.44E-03	4.44E-03
216	5	4.38E-03	4.38E-03

Berkley WTPF
Pier Unmitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
217	5	4.31E-03	4.31E-03
218	5	4.25E-03	4.25E-03
219	5	4.19E-03	4.19E-03
220	5	3.69E-03	3.69E-03
221	5	3.60E-03	3.60E-03
222	5	3.51E-03	3.51E-03
223	5	3.41E-03	3.41E-03
224	5	3.31E-03	3.31E-03
225	5	3.21E-03	3.21E-03
226	5	3.11E-03	3.11E-03
227	5	4.43E-03	4.43E-03
228	5	4.39E-03	4.39E-03
229	5	4.34E-03	4.34E-03
230	5	4.29E-03	4.29E-03
231	5	4.23E-03	4.23E-03
232	5	4.18E-03	4.18E-03
233	5	4.12E-03	4.12E-03
234	5	4.06E-03	4.06E-03
235	5	4.01E-03	4.01E-03
236	5	3.95E-03	3.95E-03
237	5	3.61E-03	3.61E-03
238	5	3.54E-03	3.54E-03
239	5	3.46E-03	3.46E-03
240	5	3.38E-03	3.38E-03
241	5	3.30E-03	3.30E-03
242	5	3.21E-03	3.21E-03
243	5	3.11E-03	3.11E-03
244	5	3.02E-03	3.02E-03
245	5	4.08E-03	4.08E-03
246	5	4.03E-03	4.03E-03
247	5	3.98E-03	3.98E-03

Berkley WTPF
Pier Unmitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
248	5	3.93E-03	3.93E-03
249	5	3.88E-03	3.88E-03
250	5	3.83E-03	3.83E-03
251	5	3.78E-03	3.78E-03
252	5	3.73E-03	3.73E-03
253	5	3.45E-03	3.45E-03
254	5	3.39E-03	3.39E-03
255	5	3.33E-03	3.33E-03
256	5	3.26E-03	3.26E-03
257	5	3.19E-03	3.19E-03
258	5	3.11E-03	3.11E-03
259	5	3.02E-03	3.02E-03
260	5	3.62E-03	3.62E-03
261	5	3.58E-03	3.58E-03
262	5	3.34E-03	3.34E-03
263	5	3.29E-03	3.29E-03
264	5	3.25E-03	3.25E-03
265	5	3.20E-03	3.20E-03
266	5	3.14E-03	3.14E-03
267	5	3.08E-03	3.08E-03
268	5	3.01E-03	3.01E-03
269	5	2.93E-03	2.93E-03
270	5	3.18E-03	3.18E-03
271	5	3.14E-03	3.14E-03
272	5	3.11E-03	3.11E-03
273	5	3.07E-03	3.07E-03
274	5	3.02E-03	3.02E-03
275	5	2.97E-03	2.97E-03
276	5	2.91E-03	2.91E-03
277	5	3.53E-03	3.53E-03
278	5	3.52E-03	3.52E-03

Berkley WTPF
Pier Unmitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
279	5	3.50E-03	3.50E-03
280	5	3.47E-03	3.47E-03
281	5	3.45E-03	3.45E-03
282	5	3.06E-03	3.06E-03
283	5	3.03E-03	3.03E-03
284	5	3.00E-03	3.00E-03
285	5	2.97E-03	2.97E-03
286	5	2.94E-03	2.94E-03
287	5	2.90E-03	2.90E-03
288	5	2.86E-03	2.86E-03
289	5	2.80E-03	2.80E-03
290	5	3.36E-03	3.36E-03
291	5	3.35E-03	3.35E-03
292	5	3.33E-03	3.33E-03
293	5	3.31E-03	3.31E-03
294	5	3.29E-03	3.29E-03
295	5	3.26E-03	3.26E-03
296	5	3.24E-03	3.24E-03
297	5	3.21E-03	3.21E-03
298	5	3.18E-03	3.18E-03
299	5	3.15E-03	3.15E-03
300	5	3.12E-03	3.12E-03
301	5	2.91E-03	2.91E-03
302	5	2.89E-03	2.89E-03
303	5	2.86E-03	2.86E-03
304	5	2.84E-03	2.84E-03
305	5	2.81E-03	2.81E-03
306	5	2.78E-03	2.78E-03
307	5	2.75E-03	2.75E-03
308	5	3.18E-03	3.18E-03
309	5	3.17E-03	3.17E-03

Berkley WTPF
Pier Unmitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
310	5	3.15E-03	3.15E-03
311	5	3.14E-03	3.14E-03
312	5	3.12E-03	3.12E-03
313	5	3.10E-03	3.10E-03
314	5	3.07E-03	3.07E-03
315	5	3.05E-03	3.05E-03
316	5	3.02E-03	3.02E-03
317	5	2.99E-03	2.99E-03
318	5	2.97E-03	2.97E-03
319	5	2.94E-03	2.94E-03
320	5	2.91E-03	2.91E-03
321	5	2.88E-03	2.88E-03
322	5	2.85E-03	2.85E-03
323	5	2.78E-03	2.78E-03
324	5	2.76E-03	2.76E-03
325	5	2.74E-03	2.74E-03
326	5	2.71E-03	2.71E-03
327	5	2.69E-03	2.69E-03
328	5	2.67E-03	2.67E-03
329	5	2.64E-03	2.64E-03
330	5	3.02E-03	3.02E-03
331	5	3.01E-03	3.01E-03
332	5	3.00E-03	3.00E-03
333	5	2.98E-03	2.98E-03
334	5	2.96E-03	2.96E-03
335	5	2.94E-03	2.94E-03
336	5	2.92E-03	2.92E-03
337	5	2.90E-03	2.90E-03
338	5	2.87E-03	2.87E-03
339	5	2.85E-03	2.85E-03
340	5	2.82E-03	2.82E-03

Berkley WTPF
Pier Unmitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
341	5	2.80E-03	2.80E-03
342	5	2.77E-03	2.77E-03
343	5	2.75E-03	2.75E-03
344	5	2.72E-03	2.72E-03
345	5	2.70E-03	2.70E-03
346	5	2.67E-03	2.67E-03
347	5	2.65E-03	2.65E-03
348	5	2.63E-03	2.63E-03
349	5	2.61E-03	2.61E-03
350	5	2.60E-03	2.60E-03
351	5	2.58E-03	2.58E-03
352	5	2.56E-03	2.56E-03
353	5	2.88E-03	2.88E-03
354	5	2.87E-03	2.87E-03
355	5	2.85E-03	2.85E-03
356	5	2.84E-03	2.84E-03
357	5	2.82E-03	2.82E-03
358	5	2.80E-03	2.80E-03
359	5	2.78E-03	2.78E-03
360	5	2.76E-03	2.76E-03
361	5	2.74E-03	2.74E-03
362	5	2.71E-03	2.71E-03
363	5	2.69E-03	2.69E-03
364	5	2.67E-03	2.67E-03
365	5	2.65E-03	2.65E-03
366	5	2.62E-03	2.62E-03
367	5	2.60E-03	2.60E-03
368	5	2.58E-03	2.58E-03
369	5	2.56E-03	2.56E-03
370	5	2.54E-03	2.54E-03
371	5	2.52E-03	2.52E-03

Berkley WTPF
Pier Unmitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
372	5	2.50E-03	2.50E-03
373	5	2.73E-03	2.73E-03
374	5	2.72E-03	2.72E-03
375	5	2.70E-03	2.70E-03
376	5	2.69E-03	2.69E-03
377	5	2.67E-03	2.67E-03
378	5	2.65E-03	2.65E-03
379	5	2.63E-03	2.63E-03
380	5	2.61E-03	2.61E-03
381	5	2.59E-03	2.59E-03
382	5	2.57E-03	2.57E-03
383	5	2.55E-03	2.55E-03
384	5	2.53E-03	2.53E-03
385	5	2.51E-03	2.51E-03
386	5	2.49E-03	2.49E-03
387	5	2.47E-03	2.47E-03
388	5	2.44E-03	2.44E-03
389	5	2.61E-03	2.61E-03
390	5	2.59E-03	2.59E-03
391	5	2.58E-03	2.58E-03
392	5	2.57E-03	2.57E-03
393	5	2.55E-03	2.55E-03
394	5	2.53E-03	2.53E-03
395	5	2.52E-03	2.52E-03
396	5	2.50E-03	2.50E-03
397	5	2.48E-03	2.48E-03
398	5	2.46E-03	2.46E-03
399	5	2.44E-03	2.44E-03
400	5	2.42E-03	2.42E-03
401	5	2.40E-03	2.40E-03
402	5	2.38E-03	2.38E-03

Berkley WTPF
Pier Unmitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
403	5	2.36E-03	2.36E-03
404	5	2.47E-03	2.47E-03
405	5	2.47E-03	2.47E-03
406	5	2.46E-03	2.46E-03
407	5	2.44E-03	2.44E-03
408	5	2.43E-03	2.43E-03
409	5	2.41E-03	2.41E-03
410	5	2.39E-03	2.39E-03
411	5	2.37E-03	2.37E-03
412	5	2.35E-03	2.35E-03
413	5	2.33E-03	2.33E-03
414	5	2.31E-03	2.31E-03
415	5	2.30E-03	2.30E-03
416	5	2.28E-03	2.28E-03
417	5	2.26E-03	2.26E-03
418	5	2.34E-03	2.34E-03
419	5	2.34E-03	2.34E-03
420	5	2.33E-03	2.33E-03
421	5	2.31E-03	2.31E-03
422	5	2.29E-03	2.29E-03
423	5	2.27E-03	2.27E-03
424	5	2.25E-03	2.25E-03
425	5	2.24E-03	2.24E-03
426	5	2.22E-03	2.22E-03
427	5	2.20E-03	2.20E-03
428	5	2.19E-03	2.19E-03
429	5	2.17E-03	2.17E-03
430	5	2.18E-03	2.18E-03
431	5	2.16E-03	2.16E-03
432	5	2.14E-03	2.14E-03
433	5	2.13E-03	2.13E-03

Berkley WTPF
Pier Unmitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
434	5	2.12E-03	2.12E-03
435	5	2.10E-03	2.10E-03

Berkley WTPF

University Unmitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
					Residence					
1	2.52602	8.59E-05	2.2E-04	1.05E-03	2.27E-07	2.19E-01	1.57E-01	7.81E-09	1.0E+06	7.8E-03
2	2.81157	8.59E-05	2.4E-04	1.05E-03	2.52E-07	2.19E-01	1.57E-01	8.70E-09	1.0E+06	8.7E-03
3	3.11456	8.59E-05	2.7E-04	1.05E-03	2.80E-07	2.19E-01	1.57E-01	9.63E-09	1.0E+06	9.6E-03
4	3.43798	8.59E-05	3.0E-04	1.05E-03	3.09E-07	2.19E-01	1.57E-01	1.06E-08	1.0E+06	1.1E-02
5	3.79053	8.59E-05	3.3E-04	1.05E-03	3.40E-07	2.19E-01	1.57E-01	1.17E-08	1.0E+06	1.2E-02
6	4.17516	8.59E-05	3.6E-04	1.05E-03	3.75E-07	2.19E-01	1.57E-01	1.29E-08	1.0E+06	1.3E-02
7	4.59277	8.59E-05	3.9E-04	1.05E-03	4.12E-07	2.19E-01	1.57E-01	1.42E-08	1.0E+06	1.4E-02
8	5.05866	8.59E-05	4.3E-04	1.05E-03	4.54E-07	2.19E-01	1.57E-01	1.56E-08	1.0E+06	1.6E-02
9	1.93609	8.59E-05	1.7E-04	1.05E-03	1.74E-07	2.19E-01	1.57E-01	5.99E-09	1.0E+06	6.0E-03
10	2.1344	8.59E-05	1.8E-04	1.05E-03	1.92E-07	2.19E-01	1.57E-01	6.60E-09	1.0E+06	6.6E-03
11	2.34459	8.59E-05	2.0E-04	1.05E-03	2.11E-07	2.19E-01	1.57E-01	7.25E-09	1.0E+06	7.3E-03
12	2.56804	8.59E-05	2.2E-04	1.05E-03	2.31E-07	2.19E-01	1.57E-01	7.94E-09	1.0E+06	7.9E-03
13	2.80267	8.59E-05	2.4E-04	1.05E-03	2.52E-07	2.19E-01	1.57E-01	8.67E-09	1.0E+06	8.7E-03
14	3.05187	8.59E-05	2.6E-04	1.05E-03	2.74E-07	2.19E-01	1.57E-01	9.44E-09	1.0E+06	9.4E-03
15	3.32244	8.59E-05	2.9E-04	1.05E-03	2.98E-07	2.19E-01	1.57E-01	1.03E-08	1.0E+06	1.0E-02
16	3.61885	8.59E-05	3.1E-04	1.05E-03	3.25E-07	2.19E-01	1.57E-01	1.12E-08	1.0E+06	1.1E-02
17	3.94299	8.59E-05	3.4E-04	1.05E-03	3.54E-07	2.19E-01	1.57E-01	1.22E-08	1.0E+06	1.2E-02
18	4.29598	8.59E-05	3.7E-04	1.05E-03	3.86E-07	2.19E-01	1.57E-01	1.33E-08	1.0E+06	1.3E-02
19	4.67033	8.59E-05	4.0E-04	1.05E-03	4.19E-07	2.19E-01	1.57E-01	1.44E-08	1.0E+06	1.4E-02
20	5.09647	8.59E-05	4.4E-04	1.05E-03	4.58E-07	2.19E-01	1.57E-01	1.58E-08	1.0E+06	1.6E-02
21	1.69776	8.59E-05	1.5E-04	1.05E-03	1.52E-07	2.19E-01	1.57E-01	5.25E-09	1.0E+06	5.3E-03
22	1.85039	8.59E-05	1.6E-04	1.05E-03	1.66E-07	2.19E-01	1.57E-01	5.72E-09	1.0E+06	5.7E-03
23	2.0113	8.59E-05	1.7E-04	1.05E-03	1.81E-07	2.19E-01	1.57E-01	6.22E-09	1.0E+06	6.2E-03
24	2.18216	8.59E-05	1.9E-04	1.05E-03	1.96E-07	2.19E-01	1.57E-01	6.75E-09	1.0E+06	6.7E-03
25	2.36136	8.59E-05	2.0E-04	1.05E-03	2.12E-07	2.19E-01	1.57E-01	7.30E-09	1.0E+06	7.3E-03
26	2.54821	8.59E-05	2.2E-04	1.05E-03	2.29E-07	2.19E-01	1.57E-01	7.88E-09	1.0E+06	7.9E-03
27	2.74695	8.59E-05	2.4E-04	1.05E-03	2.47E-07	2.19E-01	1.57E-01	8.50E-09	1.0E+06	8.5E-03
28	2.96244	8.59E-05	2.5E-04	1.05E-03	2.66E-07	2.19E-01	1.57E-01	9.16E-09	1.0E+06	9.2E-03
29	3.19768	8.59E-05	2.7E-04	1.05E-03	2.87E-07	2.19E-01	1.57E-01	9.89E-09	1.0E+06	9.9E-03
30	3.45424	8.59E-05	3.0E-04	1.05E-03	3.10E-07	2.19E-01	1.57E-01	1.07E-08	1.0E+06	1.1E-02

	Max	Receptor #
Res	0.019	55
Park	0.027	513
Total	0.05	55

Berkley WTPF

University Unmitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
31	3.73312	8.59E-05	3.2E-04	1.05E-03	3.35E-07	2.19E-01	1.57E-01	1.15E-08	1.0E+06	1.2E-02
32	4.03652	8.59E-05	3.5E-04	1.05E-03	3.62E-07	2.19E-01	1.57E-01	1.25E-08	1.0E+06	1.2E-02
33	4.36937	8.59E-05	3.8E-04	1.05E-03	3.92E-07	2.19E-01	1.57E-01	1.35E-08	1.0E+06	1.4E-02
34	4.73998	8.59E-05	4.1E-04	1.05E-03	4.26E-07	2.19E-01	1.57E-01	1.47E-08	1.0E+06	1.5E-02
35	5.16153	8.59E-05	4.4E-04	1.05E-03	4.63E-07	2.19E-01	1.57E-01	1.60E-08	1.0E+06	1.6E-02
36	5.66009	8.59E-05	4.9E-04	1.05E-03	5.08E-07	2.19E-01	1.57E-01	1.75E-08	1.0E+06	1.8E-02
37	1.51666	8.59E-05	1.3E-04	1.05E-03	1.36E-07	2.19E-01	1.57E-01	4.69E-09	1.0E+06	4.7E-03
38	1.63665	8.59E-05	1.4E-04	1.05E-03	1.47E-07	2.19E-01	1.57E-01	5.06E-09	1.0E+06	5.1E-03
39	1.76416	8.59E-05	1.5E-04	1.05E-03	1.58E-07	2.19E-01	1.57E-01	5.46E-09	1.0E+06	5.5E-03
40	1.89891	8.59E-05	1.6E-04	1.05E-03	1.71E-07	2.19E-01	1.57E-01	5.87E-09	1.0E+06	5.9E-03
41	2.04068	8.59E-05	1.8E-04	1.05E-03	1.83E-07	2.19E-01	1.57E-01	6.31E-09	1.0E+06	6.3E-03
42	2.18767	8.59E-05	1.9E-04	1.05E-03	1.96E-07	2.19E-01	1.57E-01	6.77E-09	1.0E+06	6.8E-03
43	2.34105	8.59E-05	2.0E-04	1.05E-03	2.10E-07	2.19E-01	1.57E-01	7.24E-09	1.0E+06	7.2E-03
44	2.50473	8.59E-05	2.2E-04	1.05E-03	2.25E-07	2.19E-01	1.57E-01	7.75E-09	1.0E+06	7.7E-03
45	2.68202	8.59E-05	2.3E-04	1.05E-03	2.41E-07	2.19E-01	1.57E-01	8.29E-09	1.0E+06	8.3E-03
46	2.87515	8.59E-05	2.5E-04	1.05E-03	2.58E-07	2.19E-01	1.57E-01	8.89E-09	1.0E+06	8.9E-03
47	3.08551	8.59E-05	2.7E-04	1.05E-03	2.77E-07	2.19E-01	1.57E-01	9.54E-09	1.0E+06	9.5E-03
48	3.31414	8.59E-05	2.8E-04	1.05E-03	2.98E-07	2.19E-01	1.57E-01	1.02E-08	1.0E+06	1.0E-02
49	3.56329	8.59E-05	3.1E-04	1.05E-03	3.20E-07	2.19E-01	1.57E-01	1.10E-08	1.0E+06	1.1E-02
50	3.838	8.59E-05	3.3E-04	1.05E-03	3.45E-07	2.19E-01	1.57E-01	1.19E-08	1.0E+06	1.2E-02
51	4.14749	8.59E-05	3.6E-04	1.05E-03	3.72E-07	2.19E-01	1.57E-01	1.28E-08	1.0E+06	1.3E-02
52	4.50815	8.59E-05	3.9E-04	1.05E-03	4.05E-07	2.19E-01	1.57E-01	1.39E-08	1.0E+06	1.4E-02
53	4.94456	8.59E-05	4.2E-04	1.05E-03	4.44E-07	2.19E-01	1.57E-01	1.53E-08	1.0E+06	1.5E-02
54	5.49785	8.59E-05	4.7E-04	1.05E-03	4.94E-07	2.19E-01	1.57E-01	1.70E-08	1.0E+06	1.7E-02
55	6.24738	8.59E-05	5.4E-04	1.05E-03	5.61E-07	2.19E-01	1.57E-01	1.93E-08	1.0E+06	1.9E-02
56	1.28022	8.59E-05	1.1E-04	1.05E-03	1.15E-07	2.19E-01	1.57E-01	3.96E-09	1.0E+06	4.0E-03
57	1.3714	8.59E-05	1.2E-04	1.05E-03	1.23E-07	2.19E-01	1.57E-01	4.24E-09	1.0E+06	4.2E-03
58	1.46981	8.59E-05	1.3E-04	1.05E-03	1.32E-07	2.19E-01	1.57E-01	4.55E-09	1.0E+06	4.5E-03
59	1.57389	8.59E-05	1.4E-04	1.05E-03	1.41E-07	2.19E-01	1.57E-01	4.87E-09	1.0E+06	4.9E-03
60	1.68329	8.59E-05	1.4E-04	1.05E-03	1.51E-07	2.19E-01	1.57E-01	5.21E-09	1.0E+06	5.2E-03
61	1.79853	8.59E-05	1.5E-04	1.05E-03	1.61E-07	2.19E-01	1.57E-01	5.56E-09	1.0E+06	5.6E-03

Berkley WTPF

University Unmitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
62	1.91841	8.59E-05	1.6E-04	1.05E-03	1.72E-07	2.19E-01	1.57E-01	5.93E-09	1.0E+06	5.9E-03
63	2.04222	8.59E-05	1.8E-04	1.05E-03	1.83E-07	2.19E-01	1.57E-01	6.32E-09	1.0E+06	6.3E-03
64	2.17203	8.59E-05	1.9E-04	1.05E-03	1.95E-07	2.19E-01	1.57E-01	6.72E-09	1.0E+06	6.7E-03
65	2.31092	8.59E-05	2.0E-04	1.05E-03	2.08E-07	2.19E-01	1.57E-01	7.15E-09	1.0E+06	7.1E-03
66	2.46128	8.59E-05	2.1E-04	1.05E-03	2.21E-07	2.19E-01	1.57E-01	7.61E-09	1.0E+06	7.6E-03
67	2.62493	8.59E-05	2.3E-04	1.05E-03	2.36E-07	2.19E-01	1.57E-01	8.12E-09	1.0E+06	8.1E-03
68	2.8034	8.59E-05	2.4E-04	1.05E-03	2.52E-07	2.19E-01	1.57E-01	8.67E-09	1.0E+06	8.7E-03
69	2.99855	8.59E-05	2.6E-04	1.05E-03	2.69E-07	2.19E-01	1.57E-01	9.27E-09	1.0E+06	9.3E-03
70	3.21391	8.59E-05	2.8E-04	1.05E-03	2.89E-07	2.19E-01	1.57E-01	9.94E-09	1.0E+06	9.9E-03
71	3.45623	8.59E-05	3.0E-04	1.05E-03	3.10E-07	2.19E-01	1.57E-01	1.07E-08	1.0E+06	1.1E-02
72	3.73661	8.59E-05	3.2E-04	1.05E-03	3.36E-07	2.19E-01	1.57E-01	1.16E-08	1.0E+06	1.2E-02
73	4.07319	8.59E-05	3.5E-04	1.05E-03	3.66E-07	2.19E-01	1.57E-01	1.26E-08	1.0E+06	1.3E-02
74	4.49476	8.59E-05	3.9E-04	1.05E-03	4.04E-07	2.19E-01	1.57E-01	1.39E-08	1.0E+06	1.4E-02
75	5.05398	8.59E-05	4.3E-04	1.05E-03	4.54E-07	2.19E-01	1.57E-01	1.56E-08	1.0E+06	1.6E-02
76	1.17559	8.59E-05	1.0E-04	1.05E-03	1.06E-07	2.19E-01	1.57E-01	3.64E-09	1.0E+06	3.6E-03
77	1.25193	8.59E-05	1.1E-04	1.05E-03	1.12E-07	2.19E-01	1.57E-01	3.87E-09	1.0E+06	3.9E-03
78	1.33416	8.59E-05	1.1E-04	1.05E-03	1.20E-07	2.19E-01	1.57E-01	4.13E-09	1.0E+06	4.1E-03
79	1.42111	8.59E-05	1.2E-04	1.05E-03	1.28E-07	2.19E-01	1.57E-01	4.39E-09	1.0E+06	4.4E-03
80	1.51213	8.59E-05	1.3E-04	1.05E-03	1.36E-07	2.19E-01	1.57E-01	4.68E-09	1.0E+06	4.7E-03
81	1.60783	8.59E-05	1.4E-04	1.05E-03	1.44E-07	2.19E-01	1.57E-01	4.97E-09	1.0E+06	5.0E-03
82	1.70796	8.59E-05	1.5E-04	1.05E-03	1.53E-07	2.19E-01	1.57E-01	5.28E-09	1.0E+06	5.3E-03
83	1.81139	8.59E-05	1.6E-04	1.05E-03	1.63E-07	2.19E-01	1.57E-01	5.60E-09	1.0E+06	5.6E-03
84	1.91846	8.59E-05	1.6E-04	1.05E-03	1.72E-07	2.19E-01	1.57E-01	5.93E-09	1.0E+06	5.9E-03
85	2.0314	8.59E-05	1.7E-04	1.05E-03	1.82E-07	2.19E-01	1.57E-01	6.28E-09	1.0E+06	6.3E-03
86	2.15266	8.59E-05	1.8E-04	1.05E-03	1.93E-07	2.19E-01	1.57E-01	6.66E-09	1.0E+06	6.7E-03
87	2.28423	8.59E-05	2.0E-04	1.05E-03	2.05E-07	2.19E-01	1.57E-01	7.06E-09	1.0E+06	7.1E-03
88	2.42812	8.59E-05	2.1E-04	1.05E-03	2.18E-07	2.19E-01	1.57E-01	7.51E-09	1.0E+06	7.5E-03
89	2.58672	8.59E-05	2.2E-04	1.05E-03	2.32E-07	2.19E-01	1.57E-01	8.00E-09	1.0E+06	8.0E-03
90	2.7632	8.59E-05	2.4E-04	1.05E-03	2.48E-07	2.19E-01	1.57E-01	8.55E-09	1.0E+06	8.5E-03
91	2.96241	8.59E-05	2.5E-04	1.05E-03	2.66E-07	2.19E-01	1.57E-01	9.16E-09	1.0E+06	9.2E-03
92	3.19218	8.59E-05	2.7E-04	1.05E-03	2.87E-07	2.19E-01	1.57E-01	9.87E-09	1.0E+06	9.9E-03

Berkley WTPF

University Unmitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
93	3.46514	8.59E-05	3.0E-04	1.05E-03	3.11E-07	2.19E-01	1.57E-01	1.07E-08	1.0E+06	1.1E-02
94	3.80059	8.59E-05	3.3E-04	1.05E-03	3.41E-07	2.19E-01	1.57E-01	1.18E-08	1.0E+06	1.2E-02
95	4.23072	8.59E-05	3.6E-04	1.05E-03	3.80E-07	2.19E-01	1.57E-01	1.31E-08	1.0E+06	1.3E-02
96	4.81304	8.59E-05	4.1E-04	1.05E-03	4.32E-07	2.19E-01	1.57E-01	1.49E-08	1.0E+06	1.5E-02
97	5.65035	8.59E-05	4.9E-04	1.05E-03	5.07E-07	2.19E-01	1.57E-01	1.75E-08	1.0E+06	1.7E-02
98	1.08482	8.59E-05	9.3E-05	1.05E-03	9.74E-08	2.19E-01	1.57E-01	3.35E-09	1.0E+06	3.4E-03
99	1.14969	8.59E-05	9.9E-05	1.05E-03	1.03E-07	2.19E-01	1.57E-01	3.56E-09	1.0E+06	3.6E-03
100	1.21948	8.59E-05	1.0E-04	1.05E-03	1.09E-07	2.19E-01	1.57E-01	3.77E-09	1.0E+06	3.8E-03
101	1.29331	8.59E-05	1.1E-04	1.05E-03	1.16E-07	2.19E-01	1.57E-01	4.00E-09	1.0E+06	4.0E-03
102	1.37039	8.59E-05	1.2E-04	1.05E-03	1.23E-07	2.19E-01	1.57E-01	4.24E-09	1.0E+06	4.2E-03
103	1.45112	8.59E-05	1.2E-04	1.05E-03	1.30E-07	2.19E-01	1.57E-01	4.49E-09	1.0E+06	4.5E-03
104	1.53587	8.59E-05	1.3E-04	1.05E-03	1.38E-07	2.19E-01	1.57E-01	4.75E-09	1.0E+06	4.7E-03
105	1.62395	8.59E-05	1.4E-04	1.05E-03	1.46E-07	2.19E-01	1.57E-01	5.02E-09	1.0E+06	5.0E-03
106	1.71477	8.59E-05	1.5E-04	1.05E-03	1.54E-07	2.19E-01	1.57E-01	5.30E-09	1.0E+06	5.3E-03
107	1.80942	8.59E-05	1.6E-04	1.05E-03	1.62E-07	2.19E-01	1.57E-01	5.60E-09	1.0E+06	5.6E-03
108	1.91012	8.59E-05	1.6E-04	1.05E-03	1.72E-07	2.19E-01	1.57E-01	5.91E-09	1.0E+06	5.9E-03
109	2.0191	8.59E-05	1.7E-04	1.05E-03	1.81E-07	2.19E-01	1.57E-01	6.24E-09	1.0E+06	6.2E-03
110	2.13849	8.59E-05	1.8E-04	1.05E-03	1.92E-07	2.19E-01	1.57E-01	6.61E-09	1.0E+06	6.6E-03
111	2.27079	8.59E-05	2.0E-04	1.05E-03	2.04E-07	2.19E-01	1.57E-01	7.02E-09	1.0E+06	7.0E-03
112	2.41914	8.59E-05	2.1E-04	1.05E-03	2.17E-07	2.19E-01	1.57E-01	7.48E-09	1.0E+06	7.5E-03
113	2.58749	8.59E-05	2.2E-04	1.05E-03	2.32E-07	2.19E-01	1.57E-01	8.00E-09	1.0E+06	8.0E-03
114	2.78131	8.59E-05	2.4E-04	1.05E-03	2.50E-07	2.19E-01	1.57E-01	8.60E-09	1.0E+06	8.6E-03
115	3.00902	8.59E-05	2.6E-04	1.05E-03	2.70E-07	2.19E-01	1.57E-01	9.31E-09	1.0E+06	9.3E-03
116	3.28381	8.59E-05	2.8E-04	1.05E-03	2.95E-07	2.19E-01	1.57E-01	1.02E-08	1.0E+06	1.0E-02
117	3.62817	8.59E-05	3.1E-04	1.05E-03	3.26E-07	2.19E-01	1.57E-01	1.12E-08	1.0E+06	1.1E-02
118	4.07943	8.59E-05	3.5E-04	1.05E-03	3.66E-07	2.19E-01	1.57E-01	1.26E-08	1.0E+06	1.3E-02
119	4.70057	8.59E-05	4.0E-04	1.05E-03	4.22E-07	2.19E-01	1.57E-01	1.45E-08	1.0E+06	1.5E-02
120	5.62509	8.59E-05	4.8E-04	1.05E-03	5.05E-07	2.19E-01	1.57E-01	1.74E-08	1.0E+06	1.7E-02
121	0.94961	8.59E-05	8.2E-05	1.05E-03	8.53E-08	2.19E-01	1.57E-01	2.94E-09	1.0E+06	2.9E-03
122	1.00415	8.59E-05	8.6E-05	1.05E-03	9.02E-08	2.19E-01	1.57E-01	3.11E-09	1.0E+06	3.1E-03
123	1.05984	8.59E-05	9.1E-05	1.05E-03	9.52E-08	2.19E-01	1.57E-01	3.28E-09	1.0E+06	3.3E-03

Berkley WTPF

University Unmitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
124	1.11967	8.59E-05	9.6E-05	1.05E-03	1.01E-07	2.19E-01	1.57E-01	3.46E-09	1.0E+06	3.5E-03
125	1.18302	8.59E-05	1.0E-04	1.05E-03	1.06E-07	2.19E-01	1.57E-01	3.66E-09	1.0E+06	3.7E-03
126	1.24908	8.59E-05	1.1E-04	1.05E-03	1.12E-07	2.19E-01	1.57E-01	3.86E-09	1.0E+06	3.9E-03
127	1.31794	8.59E-05	1.1E-04	1.05E-03	1.18E-07	2.19E-01	1.57E-01	4.08E-09	1.0E+06	4.1E-03
128	1.39024	8.59E-05	1.2E-04	1.05E-03	1.25E-07	2.19E-01	1.57E-01	4.30E-09	1.0E+06	4.3E-03
129	1.46587	8.59E-05	1.3E-04	1.05E-03	1.32E-07	2.19E-01	1.57E-01	4.53E-09	1.0E+06	4.5E-03
130	1.54416	8.59E-05	1.3E-04	1.05E-03	1.39E-07	2.19E-01	1.57E-01	4.78E-09	1.0E+06	4.8E-03
131	1.62526	8.59E-05	1.4E-04	1.05E-03	1.46E-07	2.19E-01	1.57E-01	5.03E-09	1.0E+06	5.0E-03
132	1.71076	8.59E-05	1.5E-04	1.05E-03	1.54E-07	2.19E-01	1.57E-01	5.29E-09	1.0E+06	5.3E-03
133	1.80289	8.59E-05	1.5E-04	1.05E-03	1.62E-07	2.19E-01	1.57E-01	5.58E-09	1.0E+06	5.6E-03
134	1.90381	8.59E-05	1.6E-04	1.05E-03	1.71E-07	2.19E-01	1.57E-01	5.89E-09	1.0E+06	5.9E-03
135	2.01579	8.59E-05	1.7E-04	1.05E-03	1.81E-07	2.19E-01	1.57E-01	6.23E-09	1.0E+06	6.2E-03
136	2.14161	8.59E-05	1.8E-04	1.05E-03	1.92E-07	2.19E-01	1.57E-01	6.62E-09	1.0E+06	6.6E-03
137	2.28468	8.59E-05	2.0E-04	1.05E-03	2.05E-07	2.19E-01	1.57E-01	7.07E-09	1.0E+06	7.1E-03
138	2.44908	8.59E-05	2.1E-04	1.05E-03	2.20E-07	2.19E-01	1.57E-01	7.57E-09	1.0E+06	7.6E-03
139	2.64049	8.59E-05	2.3E-04	1.05E-03	2.37E-07	2.19E-01	1.57E-01	8.17E-09	1.0E+06	8.2E-03
140	2.86795	8.59E-05	2.5E-04	1.05E-03	2.58E-07	2.19E-01	1.57E-01	8.87E-09	1.0E+06	8.9E-03
141	3.14725	8.59E-05	2.7E-04	1.05E-03	2.83E-07	2.19E-01	1.57E-01	9.73E-09	1.0E+06	9.7E-03
142	3.50265	8.59E-05	3.0E-04	1.05E-03	3.15E-07	2.19E-01	1.57E-01	1.08E-08	1.0E+06	1.1E-02
143	3.97279	8.59E-05	3.4E-04	1.05E-03	3.57E-07	2.19E-01	1.57E-01	1.23E-08	1.0E+06	1.2E-02
144	4.63472	8.59E-05	4.0E-04	1.05E-03	4.16E-07	2.19E-01	1.57E-01	1.43E-08	1.0E+06	1.4E-02
145	0.88438	8.59E-05	7.6E-05	1.05E-03	7.94E-08	2.19E-01	1.57E-01	2.74E-09	1.0E+06	2.7E-03
146	0.93167	8.59E-05	8.0E-05	1.05E-03	8.37E-08	2.19E-01	1.57E-01	2.88E-09	1.0E+06	2.9E-03
147	0.97984	8.59E-05	8.4E-05	1.05E-03	8.80E-08	2.19E-01	1.57E-01	3.03E-09	1.0E+06	3.0E-03
148	1.03151	8.59E-05	8.9E-05	1.05E-03	9.26E-08	2.19E-01	1.57E-01	3.19E-09	1.0E+06	3.2E-03
149	1.08625	8.59E-05	9.3E-05	1.05E-03	9.75E-08	2.19E-01	1.57E-01	3.36E-09	1.0E+06	3.4E-03
150	1.14334	8.59E-05	9.8E-05	1.05E-03	1.03E-07	2.19E-01	1.57E-01	3.54E-09	1.0E+06	3.5E-03
151	1.20261	8.59E-05	1.0E-04	1.05E-03	1.08E-07	2.19E-01	1.57E-01	3.72E-09	1.0E+06	3.7E-03
152	1.26471	8.59E-05	1.1E-04	1.05E-03	1.14E-07	2.19E-01	1.57E-01	3.91E-09	1.0E+06	3.9E-03
153	1.32999	8.59E-05	1.1E-04	1.05E-03	1.19E-07	2.19E-01	1.57E-01	4.11E-09	1.0E+06	4.1E-03
154	1.39808	8.59E-05	1.2E-04	1.05E-03	1.26E-07	2.19E-01	1.57E-01	4.32E-09	1.0E+06	4.3E-03

Berkley WTPF

University Unmitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
155	1.46869	8.59E-05	1.3E-04	1.05E-03	1.32E-07	2.19E-01	1.57E-01	4.54E-09	1.0E+06	4.5E-03
156	1.54263	8.59E-05	1.3E-04	1.05E-03	1.39E-07	2.19E-01	1.57E-01	4.77E-09	1.0E+06	4.8E-03
157	1.6217	8.59E-05	1.4E-04	1.05E-03	1.46E-07	2.19E-01	1.57E-01	5.02E-09	1.0E+06	5.0E-03
158	1.70802	8.59E-05	1.5E-04	1.05E-03	1.53E-07	2.19E-01	1.57E-01	5.28E-09	1.0E+06	5.3E-03
159	1.80366	8.59E-05	1.5E-04	1.05E-03	1.62E-07	2.19E-01	1.57E-01	5.58E-09	1.0E+06	5.6E-03
160	1.91091	8.59E-05	1.6E-04	1.05E-03	1.72E-07	2.19E-01	1.57E-01	5.91E-09	1.0E+06	5.9E-03
161	2.03243	8.59E-05	1.7E-04	1.05E-03	1.82E-07	2.19E-01	1.57E-01	6.29E-09	1.0E+06	6.3E-03
162	2.17148	8.59E-05	1.9E-04	1.05E-03	1.95E-07	2.19E-01	1.57E-01	6.72E-09	1.0E+06	6.7E-03
163	2.33231	8.59E-05	2.0E-04	1.05E-03	2.09E-07	2.19E-01	1.57E-01	7.21E-09	1.0E+06	7.2E-03
164	2.52141	8.59E-05	2.2E-04	1.05E-03	2.26E-07	2.19E-01	1.57E-01	7.80E-09	1.0E+06	7.8E-03
165	2.74964	8.59E-05	2.4E-04	1.05E-03	2.47E-07	2.19E-01	1.57E-01	8.50E-09	1.0E+06	8.5E-03
166	3.03227	8.59E-05	2.6E-04	1.05E-03	2.72E-07	2.19E-01	1.57E-01	9.38E-09	1.0E+06	9.4E-03
167	3.39245	8.59E-05	2.9E-04	1.05E-03	3.05E-07	2.19E-01	1.57E-01	1.05E-08	1.0E+06	1.0E-02
168	0.8252	8.59E-05	7.1E-05	1.05E-03	7.41E-08	2.19E-01	1.57E-01	2.55E-09	1.0E+06	2.6E-03
169	0.86646	8.59E-05	7.4E-05	1.05E-03	7.78E-08	2.19E-01	1.57E-01	2.68E-09	1.0E+06	2.7E-03
170	0.90837	8.59E-05	7.8E-05	1.05E-03	8.16E-08	2.19E-01	1.57E-01	2.81E-09	1.0E+06	2.8E-03
171	0.95327	8.59E-05	8.2E-05	1.05E-03	8.56E-08	2.19E-01	1.57E-01	2.95E-09	1.0E+06	2.9E-03
172	1.00086	8.59E-05	8.6E-05	1.05E-03	8.99E-08	2.19E-01	1.57E-01	3.10E-09	1.0E+06	3.1E-03
173	1.05055	8.59E-05	9.0E-05	1.05E-03	9.43E-08	2.19E-01	1.57E-01	3.25E-09	1.0E+06	3.2E-03
174	1.10203	8.59E-05	9.5E-05	1.05E-03	9.90E-08	2.19E-01	1.57E-01	3.41E-09	1.0E+06	3.4E-03
175	1.15581	8.59E-05	9.9E-05	1.05E-03	1.04E-07	2.19E-01	1.57E-01	3.57E-09	1.0E+06	3.6E-03
176	1.21248	8.59E-05	1.0E-04	1.05E-03	1.09E-07	2.19E-01	1.57E-01	3.75E-09	1.0E+06	3.7E-03
177	1.27206	8.59E-05	1.1E-04	1.05E-03	1.14E-07	2.19E-01	1.57E-01	3.93E-09	1.0E+06	3.9E-03
178	1.33421	8.59E-05	1.1E-04	1.05E-03	1.20E-07	2.19E-01	1.57E-01	4.13E-09	1.0E+06	4.1E-03
179	1.39909	8.59E-05	1.2E-04	1.05E-03	1.26E-07	2.19E-01	1.57E-01	4.33E-09	1.0E+06	4.3E-03
180	1.46791	8.59E-05	1.3E-04	1.05E-03	1.32E-07	2.19E-01	1.57E-01	4.54E-09	1.0E+06	4.5E-03
181	1.54252	8.59E-05	1.3E-04	1.05E-03	1.39E-07	2.19E-01	1.57E-01	4.77E-09	1.0E+06	4.8E-03
182	1.62487	8.59E-05	1.4E-04	1.05E-03	1.46E-07	2.19E-01	1.57E-01	5.03E-09	1.0E+06	5.0E-03
183	1.71683	8.59E-05	1.5E-04	1.05E-03	1.54E-07	2.19E-01	1.57E-01	5.31E-09	1.0E+06	5.3E-03
184	1.82042	8.59E-05	1.6E-04	1.05E-03	1.63E-07	2.19E-01	1.57E-01	5.63E-09	1.0E+06	5.6E-03
185	1.93817	8.59E-05	1.7E-04	1.05E-03	1.74E-07	2.19E-01	1.57E-01	5.99E-09	1.0E+06	6.0E-03

Berkley WTPF

University Unmitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
186	2.07354	8.59E-05	1.8E-04	1.05E-03	1.86E-07	2.19E-01	1.57E-01	6.41E-09	1.0E+06	6.4E-03
187	2.23158	8.59E-05	1.9E-04	1.05E-03	2.00E-07	2.19E-01	1.57E-01	6.90E-09	1.0E+06	6.9E-03
188	2.41953	8.59E-05	2.1E-04	1.05E-03	2.17E-07	2.19E-01	1.57E-01	7.48E-09	1.0E+06	7.5E-03
189	2.64587	8.59E-05	2.3E-04	1.05E-03	2.38E-07	2.19E-01	1.57E-01	8.18E-09	1.0E+06	8.2E-03
190	2.92319	8.59E-05	2.5E-04	1.05E-03	2.62E-07	2.19E-01	1.57E-01	9.04E-09	1.0E+06	9.0E-03
191	0.77226	8.59E-05	6.6E-05	1.05E-03	6.93E-08	2.19E-01	1.57E-01	2.39E-09	1.0E+06	2.4E-03
192	0.80782	8.59E-05	6.9E-05	1.05E-03	7.25E-08	2.19E-01	1.57E-01	2.50E-09	1.0E+06	2.5E-03
193	0.84455	8.59E-05	7.3E-05	1.05E-03	7.58E-08	2.19E-01	1.57E-01	2.61E-09	1.0E+06	2.6E-03
194	0.88381	8.59E-05	7.6E-05	1.05E-03	7.94E-08	2.19E-01	1.57E-01	2.73E-09	1.0E+06	2.7E-03
195	0.92545	8.59E-05	8.0E-05	1.05E-03	8.31E-08	2.19E-01	1.57E-01	2.86E-09	1.0E+06	2.9E-03
196	0.96902	8.59E-05	8.3E-05	1.05E-03	8.70E-08	2.19E-01	1.57E-01	3.00E-09	1.0E+06	3.0E-03
197	1.01415	8.59E-05	8.7E-05	1.05E-03	9.11E-08	2.19E-01	1.57E-01	3.14E-09	1.0E+06	3.1E-03
198	1.06117	8.59E-05	9.1E-05	1.05E-03	9.53E-08	2.19E-01	1.57E-01	3.28E-09	1.0E+06	3.3E-03
199	1.11071	8.59E-05	9.5E-05	1.05E-03	9.97E-08	2.19E-01	1.57E-01	3.43E-09	1.0E+06	3.4E-03
200	1.16308	8.59E-05	1.0E-04	1.05E-03	1.04E-07	2.19E-01	1.57E-01	3.60E-09	1.0E+06	3.6E-03
201	1.40157	8.59E-05	1.2E-04	1.05E-03	1.26E-07	2.19E-01	1.57E-01	4.33E-09	1.0E+06	4.3E-03
202	1.47305	8.59E-05	1.3E-04	1.05E-03	1.32E-07	2.19E-01	1.57E-01	4.56E-09	1.0E+06	4.6E-03
203	1.55243	8.59E-05	1.3E-04	1.05E-03	1.39E-07	2.19E-01	1.57E-01	4.80E-09	1.0E+06	4.8E-03
204	1.6413	8.59E-05	1.4E-04	1.05E-03	1.47E-07	2.19E-01	1.57E-01	5.08E-09	1.0E+06	5.1E-03
205	1.7416	8.59E-05	1.5E-04	1.05E-03	1.56E-07	2.19E-01	1.57E-01	5.39E-09	1.0E+06	5.4E-03
206	1.85601	8.59E-05	1.6E-04	1.05E-03	1.67E-07	2.19E-01	1.57E-01	5.74E-09	1.0E+06	5.7E-03
207	1.98839	8.59E-05	1.7E-04	1.05E-03	1.79E-07	2.19E-01	1.57E-01	6.15E-09	1.0E+06	6.1E-03
208	2.14321	8.59E-05	1.8E-04	1.05E-03	1.92E-07	2.19E-01	1.57E-01	6.63E-09	1.0E+06	6.6E-03
209	2.32427	8.59E-05	2.0E-04	1.05E-03	2.09E-07	2.19E-01	1.57E-01	7.19E-09	1.0E+06	7.2E-03
210	2.53391	8.59E-05	2.2E-04	1.05E-03	2.28E-07	2.19E-01	1.57E-01	7.84E-09	1.0E+06	7.8E-03
211	0.7238	8.59E-05	6.2E-05	1.05E-03	6.50E-08	2.19E-01	1.57E-01	2.24E-09	1.0E+06	2.2E-03
212	0.75505	8.59E-05	6.5E-05	1.05E-03	6.78E-08	2.19E-01	1.57E-01	2.34E-09	1.0E+06	2.3E-03
213	0.78761	8.59E-05	6.8E-05	1.05E-03	7.07E-08	2.19E-01	1.57E-01	2.44E-09	1.0E+06	2.4E-03
214	0.82218	8.59E-05	7.1E-05	1.05E-03	7.38E-08	2.19E-01	1.57E-01	2.54E-09	1.0E+06	2.5E-03
215	0.85887	8.59E-05	7.4E-05	1.05E-03	7.71E-08	2.19E-01	1.57E-01	2.66E-09	1.0E+06	2.7E-03
216	0.89736	8.59E-05	7.7E-05	1.05E-03	8.06E-08	2.19E-01	1.57E-01	2.78E-09	1.0E+06	2.8E-03

Berkley WTPF

University Unmitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
217	0.93729	8.59E-05	8.1E-05	1.05E-03	8.42E-08	2.19E-01	1.57E-01	2.90E-09	1.0E+06	2.9E-03
218	0.97878	8.59E-05	8.4E-05	1.05E-03	8.79E-08	2.19E-01	1.57E-01	3.03E-09	1.0E+06	3.0E-03
219	1.02242	8.59E-05	8.8E-05	1.05E-03	9.18E-08	2.19E-01	1.57E-01	3.16E-09	1.0E+06	3.2E-03
220	1.41239	8.59E-05	1.2E-04	1.05E-03	1.27E-07	2.19E-01	1.57E-01	4.37E-09	1.0E+06	4.4E-03
221	1.48911	8.59E-05	1.3E-04	1.05E-03	1.34E-07	2.19E-01	1.57E-01	4.61E-09	1.0E+06	4.6E-03
222	1.57502	8.59E-05	1.4E-04	1.05E-03	1.41E-07	2.19E-01	1.57E-01	4.87E-09	1.0E+06	4.9E-03
223	1.67201	8.59E-05	1.4E-04	1.05E-03	1.50E-07	2.19E-01	1.57E-01	5.17E-09	1.0E+06	5.2E-03
224	1.78272	8.59E-05	1.5E-04	1.05E-03	1.60E-07	2.19E-01	1.57E-01	5.51E-09	1.0E+06	5.5E-03
225	1.90966	8.59E-05	1.6E-04	1.05E-03	1.71E-07	2.19E-01	1.57E-01	5.91E-09	1.0E+06	5.9E-03
226	2.05448	8.59E-05	1.8E-04	1.05E-03	1.84E-07	2.19E-01	1.57E-01	6.35E-09	1.0E+06	6.4E-03
227	0.65271	8.59E-05	5.6E-05	1.05E-03	5.86E-08	2.19E-01	1.57E-01	2.02E-09	1.0E+06	2.0E-03
228	0.68017	8.59E-05	5.8E-05	1.05E-03	6.11E-08	2.19E-01	1.57E-01	2.10E-09	1.0E+06	2.1E-03
229	0.70793	8.59E-05	6.1E-05	1.05E-03	6.36E-08	2.19E-01	1.57E-01	2.19E-09	1.0E+06	2.2E-03
230	0.73682	8.59E-05	6.3E-05	1.05E-03	6.62E-08	2.19E-01	1.57E-01	2.28E-09	1.0E+06	2.3E-03
231	0.76747	8.59E-05	6.6E-05	1.05E-03	6.89E-08	2.19E-01	1.57E-01	2.37E-09	1.0E+06	2.4E-03
232	0.80005	8.59E-05	6.9E-05	1.05E-03	7.18E-08	2.19E-01	1.57E-01	2.47E-09	1.0E+06	2.5E-03
233	0.83431	8.59E-05	7.2E-05	1.05E-03	7.49E-08	2.19E-01	1.57E-01	2.58E-09	1.0E+06	2.6E-03
234	0.86993	8.59E-05	7.5E-05	1.05E-03	7.81E-08	2.19E-01	1.57E-01	2.69E-09	1.0E+06	2.7E-03
235	0.90687	8.59E-05	7.8E-05	1.05E-03	8.14E-08	2.19E-01	1.57E-01	2.80E-09	1.0E+06	2.8E-03
236	0.94562	8.59E-05	8.1E-05	1.05E-03	8.49E-08	2.19E-01	1.57E-01	2.92E-09	1.0E+06	2.9E-03
237	1.23205	8.59E-05	1.1E-04	1.05E-03	1.11E-07	2.19E-01	1.57E-01	3.81E-09	1.0E+06	3.8E-03
238	1.2924	8.59E-05	1.1E-04	1.05E-03	1.16E-07	2.19E-01	1.57E-01	4.00E-09	1.0E+06	4.0E-03
239	1.3589	8.59E-05	1.2E-04	1.05E-03	1.22E-07	2.19E-01	1.57E-01	4.20E-09	1.0E+06	4.2E-03
240	1.43264	8.59E-05	1.2E-04	1.05E-03	1.29E-07	2.19E-01	1.57E-01	4.43E-09	1.0E+06	4.4E-03
241	1.51491	8.59E-05	1.3E-04	1.05E-03	1.36E-07	2.19E-01	1.57E-01	4.69E-09	1.0E+06	4.7E-03
242	1.60724	8.59E-05	1.4E-04	1.05E-03	1.44E-07	2.19E-01	1.57E-01	4.97E-09	1.0E+06	5.0E-03
243	1.71209	8.59E-05	1.5E-04	1.05E-03	1.54E-07	2.19E-01	1.57E-01	5.29E-09	1.0E+06	5.3E-03
244	1.82903	8.59E-05	1.6E-04	1.05E-03	1.64E-07	2.19E-01	1.57E-01	5.66E-09	1.0E+06	5.7E-03
245	0.66568	8.59E-05	5.7E-05	1.05E-03	5.98E-08	2.19E-01	1.57E-01	2.06E-09	1.0E+06	2.1E-03
246	0.6915	8.59E-05	5.9E-05	1.05E-03	6.21E-08	2.19E-01	1.57E-01	2.14E-09	1.0E+06	2.1E-03
247	0.71889	8.59E-05	6.2E-05	1.05E-03	6.45E-08	2.19E-01	1.57E-01	2.22E-09	1.0E+06	2.2E-03

Berkley WTPF

University Unmitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
248	0.74802	8.59E-05	6.4E-05	1.05E-03	6.72E-08	2.19E-01	1.57E-01	2.31E-09	1.0E+06	2.3E-03
249	0.77873	8.59E-05	6.7E-05	1.05E-03	6.99E-08	2.19E-01	1.57E-01	2.41E-09	1.0E+06	2.4E-03
250	0.81073	8.59E-05	7.0E-05	1.05E-03	7.28E-08	2.19E-01	1.57E-01	2.51E-09	1.0E+06	2.5E-03
251	0.84391	8.59E-05	7.2E-05	1.05E-03	7.58E-08	2.19E-01	1.57E-01	2.61E-09	1.0E+06	2.6E-03
252	0.8786	8.59E-05	7.5E-05	1.05E-03	7.89E-08	2.19E-01	1.57E-01	2.72E-09	1.0E+06	2.7E-03
253	1.1357	8.59E-05	9.8E-05	1.05E-03	1.02E-07	2.19E-01	1.57E-01	3.51E-09	1.0E+06	3.5E-03
254	1.18877	8.59E-05	1.0E-04	1.05E-03	1.07E-07	2.19E-01	1.57E-01	3.68E-09	1.0E+06	3.7E-03
255	1.24651	8.59E-05	1.1E-04	1.05E-03	1.12E-07	2.19E-01	1.57E-01	3.85E-09	1.0E+06	3.9E-03
256	1.30977	8.59E-05	1.1E-04	1.05E-03	1.18E-07	2.19E-01	1.57E-01	4.05E-09	1.0E+06	4.1E-03
257	1.37943	8.59E-05	1.2E-04	1.05E-03	1.24E-07	2.19E-01	1.57E-01	4.27E-09	1.0E+06	4.3E-03
258	1.45635	8.59E-05	1.3E-04	1.05E-03	1.31E-07	2.19E-01	1.57E-01	4.50E-09	1.0E+06	4.5E-03
259	1.54291	8.59E-05	1.3E-04	1.05E-03	1.39E-07	2.19E-01	1.57E-01	4.77E-09	1.0E+06	4.8E-03
260	0.75851	8.59E-05	6.5E-05	1.05E-03	6.81E-08	2.19E-01	1.57E-01	2.35E-09	1.0E+06	2.3E-03
261	0.78851	8.59E-05	6.8E-05	1.05E-03	7.08E-08	2.19E-01	1.57E-01	2.44E-09	1.0E+06	2.4E-03
262	1.00731	8.59E-05	8.7E-05	1.05E-03	9.04E-08	2.19E-01	1.57E-01	3.12E-09	1.0E+06	3.1E-03
263	1.05147	8.59E-05	9.0E-05	1.05E-03	9.44E-08	2.19E-01	1.57E-01	3.25E-09	1.0E+06	3.3E-03
264	1.09833	8.59E-05	9.4E-05	1.05E-03	9.86E-08	2.19E-01	1.57E-01	3.40E-09	1.0E+06	3.4E-03
265	1.14852	8.59E-05	9.9E-05	1.05E-03	1.03E-07	2.19E-01	1.57E-01	3.55E-09	1.0E+06	3.6E-03
266	1.20271	8.59E-05	1.0E-04	1.05E-03	1.08E-07	2.19E-01	1.57E-01	3.72E-09	1.0E+06	3.7E-03
267	1.2616	8.59E-05	1.1E-04	1.05E-03	1.13E-07	2.19E-01	1.57E-01	3.90E-09	1.0E+06	3.9E-03
268	1.32592	8.59E-05	1.1E-04	1.05E-03	1.19E-07	2.19E-01	1.57E-01	4.10E-09	1.0E+06	4.1E-03
269	1.3974	8.59E-05	1.2E-04	1.05E-03	1.25E-07	2.19E-01	1.57E-01	4.32E-09	1.0E+06	4.3E-03
270	0.93738	8.59E-05	8.1E-05	1.05E-03	8.42E-08	2.19E-01	1.57E-01	2.90E-09	1.0E+06	2.9E-03
271	0.97697	8.59E-05	8.4E-05	1.05E-03	8.77E-08	2.19E-01	1.57E-01	3.02E-09	1.0E+06	3.0E-03
272	1.01843	8.59E-05	8.7E-05	1.05E-03	9.14E-08	2.19E-01	1.57E-01	3.15E-09	1.0E+06	3.1E-03
273	1.06211	8.59E-05	9.1E-05	1.05E-03	9.54E-08	2.19E-01	1.57E-01	3.28E-09	1.0E+06	3.3E-03
274	1.10854	8.59E-05	9.5E-05	1.05E-03	9.95E-08	2.19E-01	1.57E-01	3.43E-09	1.0E+06	3.4E-03
275	1.15837	8.59E-05	1.0E-04	1.05E-03	1.04E-07	2.19E-01	1.57E-01	3.58E-09	1.0E+06	3.6E-03
276	1.21347	8.59E-05	1.0E-04	1.05E-03	1.09E-07	2.19E-01	1.57E-01	3.75E-09	1.0E+06	3.8E-03
277	0.47063	8.59E-05	4.0E-05	1.05E-03	4.23E-08	2.19E-01	1.57E-01	1.46E-09	1.0E+06	1.5E-03
278	0.48903	8.59E-05	4.2E-05	1.05E-03	4.39E-08	2.19E-01	1.57E-01	1.51E-09	1.0E+06	1.5E-03

Berkley WTPF

University Unmitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
279	0.50783	8.59E-05	4.4E-05	1.05E-03	4.56E-08	2.19E-01	1.57E-01	1.57E-09	1.0E+06	1.6E-03
280	0.52629	8.59E-05	4.5E-05	1.05E-03	4.73E-08	2.19E-01	1.57E-01	1.63E-09	1.0E+06	1.6E-03
281	0.54449	8.59E-05	4.7E-05	1.05E-03	4.89E-08	2.19E-01	1.57E-01	1.68E-09	1.0E+06	1.7E-03
282	0.84081	8.59E-05	7.2E-05	1.05E-03	7.55E-08	2.19E-01	1.57E-01	2.60E-09	1.0E+06	2.6E-03
283	0.87487	8.59E-05	7.5E-05	1.05E-03	7.86E-08	2.19E-01	1.57E-01	2.71E-09	1.0E+06	2.7E-03
284	0.91032	8.59E-05	7.8E-05	1.05E-03	8.17E-08	2.19E-01	1.57E-01	2.82E-09	1.0E+06	2.8E-03
285	0.94703	8.59E-05	8.1E-05	1.05E-03	8.50E-08	2.19E-01	1.57E-01	2.93E-09	1.0E+06	2.9E-03
286	0.98512	8.59E-05	8.5E-05	1.05E-03	8.85E-08	2.19E-01	1.57E-01	3.05E-09	1.0E+06	3.0E-03
287	1.02502	8.59E-05	8.8E-05	1.05E-03	9.20E-08	2.19E-01	1.57E-01	3.17E-09	1.0E+06	3.2E-03
288	1.06739	8.59E-05	9.2E-05	1.05E-03	9.58E-08	2.19E-01	1.57E-01	3.30E-09	1.0E+06	3.3E-03
289	1.11366	8.59E-05	9.6E-05	1.05E-03	1.00E-07	2.19E-01	1.57E-01	3.44E-09	1.0E+06	3.4E-03
290	0.43444	8.59E-05	3.7E-05	1.05E-03	3.90E-08	2.19E-01	1.57E-01	1.34E-09	1.0E+06	1.3E-03
291	0.45033	8.59E-05	3.9E-05	1.05E-03	4.04E-08	2.19E-01	1.57E-01	1.39E-09	1.0E+06	1.4E-03
292	0.46743	8.59E-05	4.0E-05	1.05E-03	4.20E-08	2.19E-01	1.57E-01	1.45E-09	1.0E+06	1.4E-03
293	0.48463	8.59E-05	4.2E-05	1.05E-03	4.35E-08	2.19E-01	1.57E-01	1.50E-09	1.0E+06	1.5E-03
294	0.50147	8.59E-05	4.3E-05	1.05E-03	4.50E-08	2.19E-01	1.57E-01	1.55E-09	1.0E+06	1.6E-03
295	0.51809	8.59E-05	4.5E-05	1.05E-03	4.65E-08	2.19E-01	1.57E-01	1.60E-09	1.0E+06	1.6E-03
296	0.5349	8.59E-05	4.6E-05	1.05E-03	4.80E-08	2.19E-01	1.57E-01	1.65E-09	1.0E+06	1.7E-03
297	0.55241	8.59E-05	4.7E-05	1.05E-03	4.96E-08	2.19E-01	1.57E-01	1.71E-09	1.0E+06	1.7E-03
298	0.57097	8.59E-05	4.9E-05	1.05E-03	5.13E-08	2.19E-01	1.57E-01	1.77E-09	1.0E+06	1.8E-03
299	0.59071	8.59E-05	5.1E-05	1.05E-03	5.30E-08	2.19E-01	1.57E-01	1.83E-09	1.0E+06	1.8E-03
300	0.61164	8.59E-05	5.3E-05	1.05E-03	5.49E-08	2.19E-01	1.57E-01	1.89E-09	1.0E+06	1.9E-03
301	0.78797	8.59E-05	6.8E-05	1.05E-03	7.08E-08	2.19E-01	1.57E-01	2.44E-09	1.0E+06	2.4E-03
302	0.81849	8.59E-05	7.0E-05	1.05E-03	7.35E-08	2.19E-01	1.57E-01	2.53E-09	1.0E+06	2.5E-03
303	0.85013	8.59E-05	7.3E-05	1.05E-03	7.63E-08	2.19E-01	1.57E-01	2.63E-09	1.0E+06	2.6E-03
304	0.88263	8.59E-05	7.6E-05	1.05E-03	7.93E-08	2.19E-01	1.57E-01	2.73E-09	1.0E+06	2.7E-03
305	0.91596	8.59E-05	7.9E-05	1.05E-03	8.22E-08	2.19E-01	1.57E-01	2.83E-09	1.0E+06	2.8E-03
306	0.95046	8.59E-05	8.2E-05	1.05E-03	8.53E-08	2.19E-01	1.57E-01	2.94E-09	1.0E+06	2.9E-03
307	0.98675	8.59E-05	8.5E-05	1.05E-03	8.86E-08	2.19E-01	1.57E-01	3.05E-09	1.0E+06	3.1E-03
308	0.41681	8.59E-05	3.6E-05	1.05E-03	3.74E-08	2.19E-01	1.57E-01	1.29E-09	1.0E+06	1.3E-03
309	0.43169	8.59E-05	3.7E-05	1.05E-03	3.88E-08	2.19E-01	1.57E-01	1.34E-09	1.0E+06	1.3E-03

Berkley WTPF

University Unmitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
310	0.44749	8.59E-05	3.8E-05	1.05E-03	4.02E-08	2.19E-01	1.57E-01	1.38E-09	1.0E+06	1.4E-03
311	0.46324	8.59E-05	4.0E-05	1.05E-03	4.16E-08	2.19E-01	1.57E-01	1.43E-09	1.0E+06	1.4E-03
312	0.47866	8.59E-05	4.1E-05	1.05E-03	4.30E-08	2.19E-01	1.57E-01	1.48E-09	1.0E+06	1.5E-03
313	0.4939	8.59E-05	4.2E-05	1.05E-03	4.43E-08	2.19E-01	1.57E-01	1.53E-09	1.0E+06	1.5E-03
314	0.50933	8.59E-05	4.4E-05	1.05E-03	4.57E-08	2.19E-01	1.57E-01	1.58E-09	1.0E+06	1.6E-03
315	0.52541	8.59E-05	4.5E-05	1.05E-03	4.72E-08	2.19E-01	1.57E-01	1.62E-09	1.0E+06	1.6E-03
316	0.54244	8.59E-05	4.7E-05	1.05E-03	4.87E-08	2.19E-01	1.57E-01	1.68E-09	1.0E+06	1.7E-03
317	0.56055	8.59E-05	4.8E-05	1.05E-03	5.03E-08	2.19E-01	1.57E-01	1.73E-09	1.0E+06	1.7E-03
318	0.57976	8.59E-05	5.0E-05	1.05E-03	5.21E-08	2.19E-01	1.57E-01	1.79E-09	1.0E+06	1.8E-03
319	0.59999	8.59E-05	5.2E-05	1.05E-03	5.39E-08	2.19E-01	1.57E-01	1.86E-09	1.0E+06	1.9E-03
320	0.62108	8.59E-05	5.3E-05	1.05E-03	5.58E-08	2.19E-01	1.57E-01	1.92E-09	1.0E+06	1.9E-03
321	0.64291	8.59E-05	5.5E-05	1.05E-03	5.77E-08	2.19E-01	1.57E-01	1.99E-09	1.0E+06	2.0E-03
322	0.66553	8.59E-05	5.7E-05	1.05E-03	5.98E-08	2.19E-01	1.57E-01	2.06E-09	1.0E+06	2.1E-03
323	0.74004	8.59E-05	6.4E-05	1.05E-03	6.64E-08	2.19E-01	1.57E-01	2.29E-09	1.0E+06	2.3E-03
324	0.76728	8.59E-05	6.6E-05	1.05E-03	6.89E-08	2.19E-01	1.57E-01	2.37E-09	1.0E+06	2.4E-03
325	0.79544	8.59E-05	6.8E-05	1.05E-03	7.14E-08	2.19E-01	1.57E-01	2.46E-09	1.0E+06	2.5E-03
326	0.8242	8.59E-05	7.1E-05	1.05E-03	7.40E-08	2.19E-01	1.57E-01	2.55E-09	1.0E+06	2.5E-03
327	0.85349	8.59E-05	7.3E-05	1.05E-03	7.66E-08	2.19E-01	1.57E-01	2.64E-09	1.0E+06	2.6E-03
328	0.88357	8.59E-05	7.6E-05	1.05E-03	7.93E-08	2.19E-01	1.57E-01	2.73E-09	1.0E+06	2.7E-03
329	0.91494	8.59E-05	7.9E-05	1.05E-03	8.22E-08	2.19E-01	1.57E-01	2.83E-09	1.0E+06	2.8E-03
330	0.40041	8.59E-05	3.4E-05	1.05E-03	3.60E-08	2.19E-01	1.57E-01	1.24E-09	1.0E+06	1.2E-03
331	0.41435	8.59E-05	3.6E-05	1.05E-03	3.72E-08	2.19E-01	1.57E-01	1.28E-09	1.0E+06	1.3E-03
332	0.42896	8.59E-05	3.7E-05	1.05E-03	3.85E-08	2.19E-01	1.57E-01	1.33E-09	1.0E+06	1.3E-03
333	0.44344	8.59E-05	3.8E-05	1.05E-03	3.98E-08	2.19E-01	1.57E-01	1.37E-09	1.0E+06	1.4E-03
334	0.4576	8.59E-05	3.9E-05	1.05E-03	4.11E-08	2.19E-01	1.57E-01	1.42E-09	1.0E+06	1.4E-03
335	0.47163	8.59E-05	4.1E-05	1.05E-03	4.23E-08	2.19E-01	1.57E-01	1.46E-09	1.0E+06	1.5E-03
336	0.48585	8.59E-05	4.2E-05	1.05E-03	4.36E-08	2.19E-01	1.57E-01	1.50E-09	1.0E+06	1.5E-03
337	0.50066	8.59E-05	4.3E-05	1.05E-03	4.50E-08	2.19E-01	1.57E-01	1.55E-09	1.0E+06	1.5E-03
338	0.51634	8.59E-05	4.4E-05	1.05E-03	4.64E-08	2.19E-01	1.57E-01	1.60E-09	1.0E+06	1.6E-03
339	0.53302	8.59E-05	4.6E-05	1.05E-03	4.79E-08	2.19E-01	1.57E-01	1.65E-09	1.0E+06	1.6E-03
340	0.55069	8.59E-05	4.7E-05	1.05E-03	4.94E-08	2.19E-01	1.57E-01	1.70E-09	1.0E+06	1.7E-03

Berkley WTPF

University Unmitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
341	0.5693	8.59E-05	4.9E-05	1.05E-03	5.11E-08	2.19E-01	1.57E-01	1.76E-09	1.0E+06	1.8E-03
342	0.5887	8.59E-05	5.1E-05	1.05E-03	5.29E-08	2.19E-01	1.57E-01	1.82E-09	1.0E+06	1.8E-03
343	0.60872	8.59E-05	5.2E-05	1.05E-03	5.47E-08	2.19E-01	1.57E-01	1.88E-09	1.0E+06	1.9E-03
344	0.62935	8.59E-05	5.4E-05	1.05E-03	5.65E-08	2.19E-01	1.57E-01	1.95E-09	1.0E+06	1.9E-03
345	0.65073	8.59E-05	5.6E-05	1.05E-03	5.84E-08	2.19E-01	1.57E-01	2.01E-09	1.0E+06	2.0E-03
346	0.67302	8.59E-05	5.8E-05	1.05E-03	6.04E-08	2.19E-01	1.57E-01	2.08E-09	1.0E+06	2.1E-03
347	0.69632	8.59E-05	6.0E-05	1.05E-03	6.25E-08	2.19E-01	1.57E-01	2.15E-09	1.0E+06	2.2E-03
348	0.72057	8.59E-05	6.2E-05	1.05E-03	6.47E-08	2.19E-01	1.57E-01	2.23E-09	1.0E+06	2.2E-03
349	0.74555	8.59E-05	6.4E-05	1.05E-03	6.69E-08	2.19E-01	1.57E-01	2.31E-09	1.0E+06	2.3E-03
350	0.77102	8.59E-05	6.6E-05	1.05E-03	6.92E-08	2.19E-01	1.57E-01	2.38E-09	1.0E+06	2.4E-03
351	0.79728	8.59E-05	6.8E-05	1.05E-03	7.16E-08	2.19E-01	1.57E-01	2.47E-09	1.0E+06	2.5E-03
352	0.82395	8.59E-05	7.1E-05	1.05E-03	7.40E-08	2.19E-01	1.57E-01	2.55E-09	1.0E+06	2.5E-03
353	0.3851	8.59E-05	3.3E-05	1.05E-03	3.46E-08	2.19E-01	1.57E-01	1.19E-09	1.0E+06	1.2E-03
354	0.39815	8.59E-05	3.4E-05	1.05E-03	3.58E-08	2.19E-01	1.57E-01	1.23E-09	1.0E+06	1.2E-03
355	0.41169	8.59E-05	3.5E-05	1.05E-03	3.70E-08	2.19E-01	1.57E-01	1.27E-09	1.0E+06	1.3E-03
356	0.42504	8.59E-05	3.7E-05	1.05E-03	3.82E-08	2.19E-01	1.57E-01	1.31E-09	1.0E+06	1.3E-03
357	0.4381	8.59E-05	3.8E-05	1.05E-03	3.93E-08	2.19E-01	1.57E-01	1.35E-09	1.0E+06	1.4E-03
358	0.45105	8.59E-05	3.9E-05	1.05E-03	4.05E-08	2.19E-01	1.57E-01	1.39E-09	1.0E+06	1.4E-03
359	0.46419	8.59E-05	4.0E-05	1.05E-03	4.17E-08	2.19E-01	1.57E-01	1.44E-09	1.0E+06	1.4E-03
360	0.47787	8.59E-05	4.1E-05	1.05E-03	4.29E-08	2.19E-01	1.57E-01	1.48E-09	1.0E+06	1.5E-03
361	0.49235	8.59E-05	4.2E-05	1.05E-03	4.42E-08	2.19E-01	1.57E-01	1.52E-09	1.0E+06	1.5E-03
362	0.50774	8.59E-05	4.4E-05	1.05E-03	4.56E-08	2.19E-01	1.57E-01	1.57E-09	1.0E+06	1.6E-03
363	0.52402	8.59E-05	4.5E-05	1.05E-03	4.71E-08	2.19E-01	1.57E-01	1.62E-09	1.0E+06	1.6E-03
364	0.54114	8.59E-05	4.6E-05	1.05E-03	4.86E-08	2.19E-01	1.57E-01	1.67E-09	1.0E+06	1.7E-03
365	0.55897	8.59E-05	4.8E-05	1.05E-03	5.02E-08	2.19E-01	1.57E-01	1.73E-09	1.0E+06	1.7E-03
366	0.57732	8.59E-05	5.0E-05	1.05E-03	5.18E-08	2.19E-01	1.57E-01	1.79E-09	1.0E+06	1.8E-03
367	0.59613	8.59E-05	5.1E-05	1.05E-03	5.35E-08	2.19E-01	1.57E-01	1.84E-09	1.0E+06	1.8E-03
368	0.61547	8.59E-05	5.3E-05	1.05E-03	5.53E-08	2.19E-01	1.57E-01	1.90E-09	1.0E+06	1.9E-03
369	0.63551	8.59E-05	5.5E-05	1.05E-03	5.71E-08	2.19E-01	1.57E-01	1.97E-09	1.0E+06	2.0E-03
370	0.65636	8.59E-05	5.6E-05	1.05E-03	5.89E-08	2.19E-01	1.57E-01	2.03E-09	1.0E+06	2.0E-03
371	0.67794	8.59E-05	5.8E-05	1.05E-03	6.09E-08	2.19E-01	1.57E-01	2.10E-09	1.0E+06	2.1E-03

Berkley WTPF

University Unmitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
372	0.70011	8.59E-05	6.0E-05	1.05E-03	6.29E-08	2.19E-01	1.57E-01	2.17E-09	1.0E+06	2.2E-03
373	0.383	8.59E-05	3.3E-05	1.05E-03	3.44E-08	2.19E-01	1.57E-01	1.18E-09	1.0E+06	1.2E-03
374	0.39556	8.59E-05	3.4E-05	1.05E-03	3.55E-08	2.19E-01	1.57E-01	1.22E-09	1.0E+06	1.2E-03
375	0.4079	8.59E-05	3.5E-05	1.05E-03	3.66E-08	2.19E-01	1.57E-01	1.26E-09	1.0E+06	1.3E-03
376	0.41998	8.59E-05	3.6E-05	1.05E-03	3.77E-08	2.19E-01	1.57E-01	1.30E-09	1.0E+06	1.3E-03
377	0.43197	8.59E-05	3.7E-05	1.05E-03	3.88E-08	2.19E-01	1.57E-01	1.34E-09	1.0E+06	1.3E-03
378	0.44416	8.59E-05	3.8E-05	1.05E-03	3.99E-08	2.19E-01	1.57E-01	1.37E-09	1.0E+06	1.4E-03
379	0.45683	8.59E-05	3.9E-05	1.05E-03	4.10E-08	2.19E-01	1.57E-01	1.41E-09	1.0E+06	1.4E-03
380	0.47022	8.59E-05	4.0E-05	1.05E-03	4.22E-08	2.19E-01	1.57E-01	1.45E-09	1.0E+06	1.5E-03
381	0.48443	8.59E-05	4.2E-05	1.05E-03	4.35E-08	2.19E-01	1.57E-01	1.50E-09	1.0E+06	1.5E-03
382	0.49943	8.59E-05	4.3E-05	1.05E-03	4.48E-08	2.19E-01	1.57E-01	1.54E-09	1.0E+06	1.5E-03
383	0.51518	8.59E-05	4.4E-05	1.05E-03	4.63E-08	2.19E-01	1.57E-01	1.59E-09	1.0E+06	1.6E-03
384	0.53154	8.59E-05	4.6E-05	1.05E-03	4.77E-08	2.19E-01	1.57E-01	1.64E-09	1.0E+06	1.6E-03
385	0.54834	8.59E-05	4.7E-05	1.05E-03	4.92E-08	2.19E-01	1.57E-01	1.70E-09	1.0E+06	1.7E-03
386	0.56549	8.59E-05	4.9E-05	1.05E-03	5.08E-08	2.19E-01	1.57E-01	1.75E-09	1.0E+06	1.7E-03
387	0.583	8.59E-05	5.0E-05	1.05E-03	5.23E-08	2.19E-01	1.57E-01	1.80E-09	1.0E+06	1.8E-03
388	0.60118	8.59E-05	5.2E-05	1.05E-03	5.40E-08	2.19E-01	1.57E-01	1.86E-09	1.0E+06	1.9E-03
389	0.36892	8.59E-05	3.2E-05	1.05E-03	3.31E-08	2.19E-01	1.57E-01	1.14E-09	1.0E+06	1.1E-03
390	0.38061	8.59E-05	3.3E-05	1.05E-03	3.42E-08	2.19E-01	1.57E-01	1.18E-09	1.0E+06	1.2E-03
391	0.392	8.59E-05	3.4E-05	1.05E-03	3.52E-08	2.19E-01	1.57E-01	1.21E-09	1.0E+06	1.2E-03
392	0.40313	8.59E-05	3.5E-05	1.05E-03	3.62E-08	2.19E-01	1.57E-01	1.25E-09	1.0E+06	1.2E-03
393	0.41427	8.59E-05	3.6E-05	1.05E-03	3.72E-08	2.19E-01	1.57E-01	1.28E-09	1.0E+06	1.3E-03
394	0.42557	8.59E-05	3.7E-05	1.05E-03	3.82E-08	2.19E-01	1.57E-01	1.32E-09	1.0E+06	1.3E-03
395	0.43733	8.59E-05	3.8E-05	1.05E-03	3.93E-08	2.19E-01	1.57E-01	1.35E-09	1.0E+06	1.4E-03
396	0.44972	8.59E-05	3.9E-05	1.05E-03	4.04E-08	2.19E-01	1.57E-01	1.39E-09	1.0E+06	1.4E-03
397	0.46284	8.59E-05	4.0E-05	1.05E-03	4.16E-08	2.19E-01	1.57E-01	1.43E-09	1.0E+06	1.4E-03
398	0.47666	8.59E-05	4.1E-05	1.05E-03	4.28E-08	2.19E-01	1.57E-01	1.47E-09	1.0E+06	1.5E-03
399	0.49113	8.59E-05	4.2E-05	1.05E-03	4.41E-08	2.19E-01	1.57E-01	1.52E-09	1.0E+06	1.5E-03
400	0.50613	8.59E-05	4.3E-05	1.05E-03	4.54E-08	2.19E-01	1.57E-01	1.57E-09	1.0E+06	1.6E-03
401	0.52151	8.59E-05	4.5E-05	1.05E-03	4.68E-08	2.19E-01	1.57E-01	1.61E-09	1.0E+06	1.6E-03
402	0.53714	8.59E-05	4.6E-05	1.05E-03	4.82E-08	2.19E-01	1.57E-01	1.66E-09	1.0E+06	1.7E-03

Berkley WTPF

University Unmitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
403	0.55301	8.59E-05	4.8E-05	1.05E-03	4.97E-08	2.19E-01	1.57E-01	1.71E-09	1.0E+06	1.7E-03
404	0.36631	8.59E-05	3.1E-05	1.05E-03	3.29E-08	2.19E-01	1.57E-01	1.13E-09	1.0E+06	1.1E-03
405	0.37714	8.59E-05	3.2E-05	1.05E-03	3.39E-08	2.19E-01	1.57E-01	1.17E-09	1.0E+06	1.2E-03
406	0.38746	8.59E-05	3.3E-05	1.05E-03	3.48E-08	2.19E-01	1.57E-01	1.20E-09	1.0E+06	1.2E-03
407	0.39778	8.59E-05	3.4E-05	1.05E-03	3.57E-08	2.19E-01	1.57E-01	1.23E-09	1.0E+06	1.2E-03
408	0.40829	8.59E-05	3.5E-05	1.05E-03	3.67E-08	2.19E-01	1.57E-01	1.26E-09	1.0E+06	1.3E-03
409	0.4192	8.59E-05	3.6E-05	1.05E-03	3.76E-08	2.19E-01	1.57E-01	1.30E-09	1.0E+06	1.3E-03
410	0.43067	8.59E-05	3.7E-05	1.05E-03	3.87E-08	2.19E-01	1.57E-01	1.33E-09	1.0E+06	1.3E-03
411	0.44278	8.59E-05	3.8E-05	1.05E-03	3.98E-08	2.19E-01	1.57E-01	1.37E-09	1.0E+06	1.4E-03
412	0.4555	8.59E-05	3.9E-05	1.05E-03	4.09E-08	2.19E-01	1.57E-01	1.41E-09	1.0E+06	1.4E-03
413	0.46878	8.59E-05	4.0E-05	1.05E-03	4.21E-08	2.19E-01	1.57E-01	1.45E-09	1.0E+06	1.4E-03
414	0.48252	8.59E-05	4.1E-05	1.05E-03	4.33E-08	2.19E-01	1.57E-01	1.49E-09	1.0E+06	1.5E-03
415	0.49659	8.59E-05	4.3E-05	1.05E-03	4.46E-08	2.19E-01	1.57E-01	1.54E-09	1.0E+06	1.5E-03
416	0.51085	8.59E-05	4.4E-05	1.05E-03	4.59E-08	2.19E-01	1.57E-01	1.58E-09	1.0E+06	1.6E-03
417	0.52525	8.59E-05	4.5E-05	1.05E-03	4.72E-08	2.19E-01	1.57E-01	1.62E-09	1.0E+06	1.6E-03
418	0.3727	8.59E-05	3.2E-05	1.05E-03	3.35E-08	2.19E-01	1.57E-01	1.15E-09	1.0E+06	1.2E-03
419	0.38243	8.59E-05	3.3E-05	1.05E-03	3.43E-08	2.19E-01	1.57E-01	1.18E-09	1.0E+06	1.2E-03
420	0.39217	8.59E-05	3.4E-05	1.05E-03	3.52E-08	2.19E-01	1.57E-01	1.21E-09	1.0E+06	1.2E-03
421	0.40228	8.59E-05	3.5E-05	1.05E-03	3.61E-08	2.19E-01	1.57E-01	1.24E-09	1.0E+06	1.2E-03
422	0.4129	8.59E-05	3.5E-05	1.05E-03	3.71E-08	2.19E-01	1.57E-01	1.28E-09	1.0E+06	1.3E-03
423	0.42407	8.59E-05	3.6E-05	1.05E-03	3.81E-08	2.19E-01	1.57E-01	1.31E-09	1.0E+06	1.3E-03
424	0.43577	8.59E-05	3.7E-05	1.05E-03	3.91E-08	2.19E-01	1.57E-01	1.35E-09	1.0E+06	1.3E-03
425	0.44795	8.59E-05	3.8E-05	1.05E-03	4.02E-08	2.19E-01	1.57E-01	1.39E-09	1.0E+06	1.4E-03
426	0.46053	8.59E-05	4.0E-05	1.05E-03	4.14E-08	2.19E-01	1.57E-01	1.42E-09	1.0E+06	1.4E-03
427	0.47338	8.59E-05	4.1E-05	1.05E-03	4.25E-08	2.19E-01	1.57E-01	1.46E-09	1.0E+06	1.5E-03
428	0.48637	8.59E-05	4.2E-05	1.05E-03	4.37E-08	2.19E-01	1.57E-01	1.50E-09	1.0E+06	1.5E-03
429	0.49963	8.59E-05	4.3E-05	1.05E-03	4.49E-08	2.19E-01	1.57E-01	1.55E-09	1.0E+06	1.5E-03
430	0.40668	8.59E-05	3.5E-05	1.05E-03	3.65E-08	2.19E-01	1.57E-01	1.26E-09	1.0E+06	1.3E-03
431	0.41744	8.59E-05	3.6E-05	1.05E-03	3.75E-08	2.19E-01	1.57E-01	1.29E-09	1.0E+06	1.3E-03
432	0.42861	8.59E-05	3.7E-05	1.05E-03	3.85E-08	2.19E-01	1.57E-01	1.33E-09	1.0E+06	1.3E-03
433	0.44006	8.59E-05	3.8E-05	1.05E-03	3.95E-08	2.19E-01	1.57E-01	1.36E-09	1.0E+06	1.4E-03

Berkley WTPF
University Unmitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
434	0.45169	8.59E-05	3.9E-05	1.05E-03	4.06E-08	2.19E-01	1.57E-01	1.40E-09	1.0E+06	1.4E-03
435	0.46351	8.59E-05	4.0E-05	1.05E-03	4.16E-08	2.19E-01	1.57E-01	1.43E-09	1.0E+06	1.4E-03

Berkley WTPF
University Unmitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
		Residence	
1	5	4.34E-05	4.34E-05
2	5	4.83E-05	4.83E-05
3	5	5.35E-05	5.35E-05
4	5	5.91E-05	5.91E-05
5	5	6.51E-05	6.51E-05
6	5	7.17E-05	7.17E-05
7	5	7.89E-05	7.89E-05
8	5	8.69E-05	8.69E-05
9	5	3.33E-05	3.33E-05
10	5	3.67E-05	3.67E-05
11	5	4.03E-05	4.03E-05
12	5	4.41E-05	4.41E-05
13	5	4.82E-05	4.82E-05
14	5	5.24E-05	5.24E-05
15	5	5.71E-05	5.71E-05
16	5	6.22E-05	6.22E-05
17	5	6.77E-05	6.77E-05
18	5	7.38E-05	7.38E-05
19	5	8.02E-05	8.02E-05
20	5	8.76E-05	8.76E-05
21	5	2.92E-05	2.92E-05
22	5	3.18E-05	3.18E-05
23	5	3.46E-05	3.46E-05
24	5	3.75E-05	3.75E-05
25	5	4.06E-05	4.06E-05
26	5	4.38E-05	4.38E-05
27	5	4.72E-05	4.72E-05
28	5	5.09E-05	5.09E-05
29	5	5.49E-05	5.49E-05
30	5	5.93E-05	5.93E-05

Max	Receptor #	
1.073E-04	55	Res
1.516E-04	513	Park
2.589E-04	55	Total

Berkley WTPF
University Unmitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
31	5	6.41E-05	6.41E-05
32	5	6.94E-05	6.94E-05
33	5	7.51E-05	7.51E-05
34	5	8.14E-05	8.14E-05
35	5	8.87E-05	8.87E-05
36	5	9.72E-05	9.72E-05
37	5	2.61E-05	2.61E-05
38	5	2.81E-05	2.81E-05
39	5	3.03E-05	3.03E-05
40	5	3.26E-05	3.26E-05
41	5	3.51E-05	3.51E-05
42	5	3.76E-05	3.76E-05
43	5	4.02E-05	4.02E-05
44	5	4.30E-05	4.30E-05
45	5	4.61E-05	4.61E-05
46	5	4.94E-05	4.94E-05
47	5	5.30E-05	5.30E-05
48	5	5.69E-05	5.69E-05
49	5	6.12E-05	6.12E-05
50	5	6.59E-05	6.59E-05
51	5	7.13E-05	7.13E-05
52	5	7.75E-05	7.75E-05
53	5	8.50E-05	8.50E-05
54	5	9.45E-05	9.45E-05
55	5	1.07E-04	1.07E-04
56	5	2.20E-05	2.20E-05
57	5	2.36E-05	2.36E-05
58	5	2.53E-05	2.53E-05
59	5	2.70E-05	2.70E-05
60	5	2.89E-05	2.89E-05
61	5	3.09E-05	3.09E-05

Berkley WTPF
University Unmitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
62	5	3.30E-05	3.30E-05
63	5	3.51E-05	3.51E-05
64	5	3.73E-05	3.73E-05
65	5	3.97E-05	3.97E-05
66	5	4.23E-05	4.23E-05
67	5	4.51E-05	4.51E-05
68	5	4.82E-05	4.82E-05
69	5	5.15E-05	5.15E-05
70	5	5.52E-05	5.52E-05
71	5	5.94E-05	5.94E-05
72	5	6.42E-05	6.42E-05
73	5	7.00E-05	7.00E-05
74	5	7.72E-05	7.72E-05
75	5	8.68E-05	8.68E-05
76	5	2.02E-05	2.02E-05
77	5	2.15E-05	2.15E-05
78	5	2.29E-05	2.29E-05
79	5	2.44E-05	2.44E-05
80	5	2.60E-05	2.60E-05
81	5	2.76E-05	2.76E-05
82	5	2.93E-05	2.93E-05
83	5	3.11E-05	3.11E-05
84	5	3.30E-05	3.30E-05
85	5	3.49E-05	3.49E-05
86	5	3.70E-05	3.70E-05
87	5	3.92E-05	3.92E-05
88	5	4.17E-05	4.17E-05
89	5	4.44E-05	4.44E-05
90	5	4.75E-05	4.75E-05
91	5	5.09E-05	5.09E-05
92	5	5.48E-05	5.48E-05

Berkley WTPF
University Unmitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
93	5	5.95E-05	5.95E-05
94	5	6.53E-05	6.53E-05
95	5	7.27E-05	7.27E-05
96	5	8.27E-05	8.27E-05
97	5	9.71E-05	9.71E-05
98	5	1.86E-05	1.86E-05
99	5	1.98E-05	1.98E-05
100	5	2.10E-05	2.10E-05
101	5	2.22E-05	2.22E-05
102	5	2.35E-05	2.35E-05
103	5	2.49E-05	2.49E-05
104	5	2.64E-05	2.64E-05
105	5	2.79E-05	2.79E-05
106	5	2.95E-05	2.95E-05
107	5	3.11E-05	3.11E-05
108	5	3.28E-05	3.28E-05
109	5	3.47E-05	3.47E-05
110	5	3.67E-05	3.67E-05
111	5	3.90E-05	3.90E-05
112	5	4.16E-05	4.16E-05
113	5	4.45E-05	4.45E-05
114	5	4.78E-05	4.78E-05
115	5	5.17E-05	5.17E-05
116	5	5.64E-05	5.64E-05
117	5	6.23E-05	6.23E-05
118	5	7.01E-05	7.01E-05
119	5	8.08E-05	8.08E-05
120	5	9.66E-05	9.66E-05
121	5	1.63E-05	1.63E-05
122	5	1.73E-05	1.73E-05
123	5	1.82E-05	1.82E-05

Berkley WTPF
University Unmitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
124	5	1.92E-05	1.92E-05
125	5	2.03E-05	2.03E-05
126	5	2.15E-05	2.15E-05
127	5	2.26E-05	2.26E-05
128	5	2.39E-05	2.39E-05
129	5	2.52E-05	2.52E-05
130	5	2.65E-05	2.65E-05
131	5	2.79E-05	2.79E-05
132	5	2.94E-05	2.94E-05
133	5	3.10E-05	3.10E-05
134	5	3.27E-05	3.27E-05
135	5	3.46E-05	3.46E-05
136	5	3.68E-05	3.68E-05
137	5	3.93E-05	3.93E-05
138	5	4.21E-05	4.21E-05
139	5	4.54E-05	4.54E-05
140	5	4.93E-05	4.93E-05
141	5	5.41E-05	5.41E-05
142	5	6.02E-05	6.02E-05
143	5	6.83E-05	6.83E-05
144	5	7.96E-05	7.96E-05
145	5	1.52E-05	1.52E-05
146	5	1.60E-05	1.60E-05
147	5	1.68E-05	1.68E-05
148	5	1.77E-05	1.77E-05
149	5	1.87E-05	1.87E-05
150	5	1.96E-05	1.96E-05
151	5	2.07E-05	2.07E-05
152	5	2.17E-05	2.17E-05
153	5	2.29E-05	2.29E-05
154	5	2.40E-05	2.40E-05

Berkley WTPF
University Unmitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
155	5	2.52E-05	2.52E-05
156	5	2.65E-05	2.65E-05
157	5	2.79E-05	2.79E-05
158	5	2.93E-05	2.93E-05
159	5	3.10E-05	3.10E-05
160	5	3.28E-05	3.28E-05
161	5	3.49E-05	3.49E-05
162	5	3.73E-05	3.73E-05
163	5	4.01E-05	4.01E-05
164	5	4.33E-05	4.33E-05
165	5	4.72E-05	4.72E-05
166	5	5.21E-05	5.21E-05
167	5	5.83E-05	5.83E-05
168	5	1.42E-05	1.42E-05
169	5	1.49E-05	1.49E-05
170	5	1.56E-05	1.56E-05
171	5	1.64E-05	1.64E-05
172	5	1.72E-05	1.72E-05
173	5	1.81E-05	1.81E-05
174	5	1.89E-05	1.89E-05
175	5	1.99E-05	1.99E-05
176	5	2.08E-05	2.08E-05
177	5	2.19E-05	2.19E-05
178	5	2.29E-05	2.29E-05
179	5	2.40E-05	2.40E-05
180	5	2.52E-05	2.52E-05
181	5	2.65E-05	2.65E-05
182	5	2.79E-05	2.79E-05
183	5	2.95E-05	2.95E-05
184	5	3.13E-05	3.13E-05
185	5	3.33E-05	3.33E-05

Berkley WTPF
University Unmitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
186	5	3.56E-05	3.56E-05
187	5	3.83E-05	3.83E-05
188	5	4.16E-05	4.16E-05
189	5	4.55E-05	4.55E-05
190	5	5.02E-05	5.02E-05
191	5	1.33E-05	1.33E-05
192	5	1.39E-05	1.39E-05
193	5	1.45E-05	1.45E-05
194	5	1.52E-05	1.52E-05
195	5	1.59E-05	1.59E-05
196	5	1.66E-05	1.66E-05
197	5	1.74E-05	1.74E-05
198	5	1.82E-05	1.82E-05
199	5	1.91E-05	1.91E-05
200	5	2.00E-05	2.00E-05
201	5	2.41E-05	2.41E-05
202	5	2.53E-05	2.53E-05
203	5	2.67E-05	2.67E-05
204	5	2.82E-05	2.82E-05
205	5	2.99E-05	2.99E-05
206	5	3.19E-05	3.19E-05
207	5	3.42E-05	3.42E-05
208	5	3.68E-05	3.68E-05
209	5	3.99E-05	3.99E-05
210	5	4.35E-05	4.35E-05
211	5	1.24E-05	1.24E-05
212	5	1.30E-05	1.30E-05
213	5	1.35E-05	1.35E-05
214	5	1.41E-05	1.41E-05
215	5	1.48E-05	1.48E-05
216	5	1.54E-05	1.54E-05

Berkley WTPF
University Unmitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
217	5	1.61E-05	1.61E-05
218	5	1.68E-05	1.68E-05
219	5	1.76E-05	1.76E-05
220	5	2.43E-05	2.43E-05
221	5	2.56E-05	2.56E-05
222	5	2.71E-05	2.71E-05
223	5	2.87E-05	2.87E-05
224	5	3.06E-05	3.06E-05
225	5	3.28E-05	3.28E-05
226	5	3.53E-05	3.53E-05
227	5	1.12E-05	1.12E-05
228	5	1.17E-05	1.17E-05
229	5	1.22E-05	1.22E-05
230	5	1.27E-05	1.27E-05
231	5	1.32E-05	1.32E-05
232	5	1.37E-05	1.37E-05
233	5	1.43E-05	1.43E-05
234	5	1.49E-05	1.49E-05
235	5	1.56E-05	1.56E-05
236	5	1.62E-05	1.62E-05
237	5	2.12E-05	2.12E-05
238	5	2.22E-05	2.22E-05
239	5	2.33E-05	2.33E-05
240	5	2.46E-05	2.46E-05
241	5	2.60E-05	2.60E-05
242	5	2.76E-05	2.76E-05
243	5	2.94E-05	2.94E-05
244	5	3.14E-05	3.14E-05
245	5	1.14E-05	1.14E-05
246	5	1.19E-05	1.19E-05
247	5	1.24E-05	1.24E-05

Berkley WTPF
University Unmitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
248	5	1.29E-05	1.29E-05
249	5	1.34E-05	1.34E-05
250	5	1.39E-05	1.39E-05
251	5	1.45E-05	1.45E-05
252	5	1.51E-05	1.51E-05
253	5	1.95E-05	1.95E-05
254	5	2.04E-05	2.04E-05
255	5	2.14E-05	2.14E-05
256	5	2.25E-05	2.25E-05
257	5	2.37E-05	2.37E-05
258	5	2.50E-05	2.50E-05
259	5	2.65E-05	2.65E-05
260	5	1.30E-05	1.30E-05
261	5	1.35E-05	1.35E-05
262	5	1.73E-05	1.73E-05
263	5	1.81E-05	1.81E-05
264	5	1.89E-05	1.89E-05
265	5	1.97E-05	1.97E-05
266	5	2.07E-05	2.07E-05
267	5	2.17E-05	2.17E-05
268	5	2.28E-05	2.28E-05
269	5	2.40E-05	2.40E-05
270	5	1.61E-05	1.61E-05
271	5	1.68E-05	1.68E-05
272	5	1.75E-05	1.75E-05
273	5	1.82E-05	1.82E-05
274	5	1.90E-05	1.90E-05
275	5	1.99E-05	1.99E-05
276	5	2.08E-05	2.08E-05
277	5	8.09E-06	8.09E-06
278	5	8.40E-06	8.40E-06

Berkley WTPF
University Unmitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
279	5	8.73E-06	8.73E-06
280	5	9.04E-06	9.04E-06
281	5	9.36E-06	9.36E-06
282	5	1.44E-05	1.44E-05
283	5	1.50E-05	1.50E-05
284	5	1.56E-05	1.56E-05
285	5	1.63E-05	1.63E-05
286	5	1.69E-05	1.69E-05
287	5	1.76E-05	1.76E-05
288	5	1.83E-05	1.83E-05
289	5	1.91E-05	1.91E-05
290	5	7.46E-06	7.46E-06
291	5	7.74E-06	7.74E-06
292	5	8.03E-06	8.03E-06
293	5	8.33E-06	8.33E-06
294	5	8.62E-06	8.62E-06
295	5	8.90E-06	8.90E-06
296	5	9.19E-06	9.19E-06
297	5	9.49E-06	9.49E-06
298	5	9.81E-06	9.81E-06
299	5	1.01E-05	1.01E-05
300	5	1.05E-05	1.05E-05
301	5	1.35E-05	1.35E-05
302	5	1.41E-05	1.41E-05
303	5	1.46E-05	1.46E-05
304	5	1.52E-05	1.52E-05
305	5	1.57E-05	1.57E-05
306	5	1.63E-05	1.63E-05
307	5	1.70E-05	1.70E-05
308	5	7.16E-06	7.16E-06
309	5	7.42E-06	7.42E-06

Berkley WTPF
University Unmitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
310	5	7.69E-06	7.69E-06
311	5	7.96E-06	7.96E-06
312	5	8.22E-06	8.22E-06
313	5	8.49E-06	8.49E-06
314	5	8.75E-06	8.75E-06
315	5	9.03E-06	9.03E-06
316	5	9.32E-06	9.32E-06
317	5	9.63E-06	9.63E-06
318	5	9.96E-06	9.96E-06
319	5	1.03E-05	1.03E-05
320	5	1.07E-05	1.07E-05
321	5	1.10E-05	1.10E-05
322	5	1.14E-05	1.14E-05
323	5	1.27E-05	1.27E-05
324	5	1.32E-05	1.32E-05
325	5	1.37E-05	1.37E-05
326	5	1.42E-05	1.42E-05
327	5	1.47E-05	1.47E-05
328	5	1.52E-05	1.52E-05
329	5	1.57E-05	1.57E-05
330	5	6.88E-06	6.88E-06
331	5	7.12E-06	7.12E-06
332	5	7.37E-06	7.37E-06
333	5	7.62E-06	7.62E-06
334	5	7.86E-06	7.86E-06
335	5	8.10E-06	8.10E-06
336	5	8.35E-06	8.35E-06
337	5	8.60E-06	8.60E-06
338	5	8.87E-06	8.87E-06
339	5	9.16E-06	9.16E-06
340	5	9.46E-06	9.46E-06

Berkley WTPF
University Unmitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
341	5	9.78E-06	9.78E-06
342	5	1.01E-05	1.01E-05
343	5	1.05E-05	1.05E-05
344	5	1.08E-05	1.08E-05
345	5	1.12E-05	1.12E-05
346	5	1.16E-05	1.16E-05
347	5	1.20E-05	1.20E-05
348	5	1.24E-05	1.24E-05
349	5	1.28E-05	1.28E-05
350	5	1.32E-05	1.32E-05
351	5	1.37E-05	1.37E-05
352	5	1.42E-05	1.42E-05
353	5	6.62E-06	6.62E-06
354	5	6.84E-06	6.84E-06
355	5	7.07E-06	7.07E-06
356	5	7.30E-06	7.30E-06
357	5	7.53E-06	7.53E-06
358	5	7.75E-06	7.75E-06
359	5	7.98E-06	7.98E-06
360	5	8.21E-06	8.21E-06
361	5	8.46E-06	8.46E-06
362	5	8.72E-06	8.72E-06
363	5	9.00E-06	9.00E-06
364	5	9.30E-06	9.30E-06
365	5	9.60E-06	9.60E-06
366	5	9.92E-06	9.92E-06
367	5	1.02E-05	1.02E-05
368	5	1.06E-05	1.06E-05
369	5	1.09E-05	1.09E-05
370	5	1.13E-05	1.13E-05
371	5	1.16E-05	1.16E-05

Berkley WTPF
University Unmitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
372	5	1.20E-05	1.20E-05
373	5	6.58E-06	6.58E-06
374	5	6.80E-06	6.80E-06
375	5	7.01E-06	7.01E-06
376	5	7.22E-06	7.22E-06
377	5	7.42E-06	7.42E-06
378	5	7.63E-06	7.63E-06
379	5	7.85E-06	7.85E-06
380	5	8.08E-06	8.08E-06
381	5	8.32E-06	8.32E-06
382	5	8.58E-06	8.58E-06
383	5	8.85E-06	8.85E-06
384	5	9.13E-06	9.13E-06
385	5	9.42E-06	9.42E-06
386	5	9.72E-06	9.72E-06
387	5	1.00E-05	1.00E-05
388	5	1.03E-05	1.03E-05
389	5	6.34E-06	6.34E-06
390	5	6.54E-06	6.54E-06
391	5	6.74E-06	6.74E-06
392	5	6.93E-06	6.93E-06
393	5	7.12E-06	7.12E-06
394	5	7.31E-06	7.31E-06
395	5	7.51E-06	7.51E-06
396	5	7.73E-06	7.73E-06
397	5	7.95E-06	7.95E-06
398	5	8.19E-06	8.19E-06
399	5	8.44E-06	8.44E-06
400	5	8.70E-06	8.70E-06
401	5	8.96E-06	8.96E-06
402	5	9.23E-06	9.23E-06

Berkley WTPF
University Unmitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
403	5	9.50E-06	9.50E-06
404	5	6.29E-06	6.29E-06
405	5	6.48E-06	6.48E-06
406	5	6.66E-06	6.66E-06
407	5	6.83E-06	6.83E-06
408	5	7.02E-06	7.02E-06
409	5	7.20E-06	7.20E-06
410	5	7.40E-06	7.40E-06
411	5	7.61E-06	7.61E-06
412	5	7.83E-06	7.83E-06
413	5	8.05E-06	8.05E-06
414	5	8.29E-06	8.29E-06
415	5	8.53E-06	8.53E-06
416	5	8.78E-06	8.78E-06
417	5	9.02E-06	9.02E-06
418	5	6.40E-06	6.40E-06
419	5	6.57E-06	6.57E-06
420	5	6.74E-06	6.74E-06
421	5	6.91E-06	6.91E-06
422	5	7.09E-06	7.09E-06
423	5	7.29E-06	7.29E-06
424	5	7.49E-06	7.49E-06
425	5	7.70E-06	7.70E-06
426	5	7.91E-06	7.91E-06
427	5	8.13E-06	8.13E-06
428	5	8.36E-06	8.36E-06
429	5	8.58E-06	8.58E-06
430	5	6.99E-06	6.99E-06
431	5	7.17E-06	7.17E-06
432	5	7.36E-06	7.36E-06
433	5	7.56E-06	7.56E-06

Berkley WTPF
University Unmitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
434	5	7.76E-06	7.76E-06
435	5	7.96E-06	7.96E-06

Berkley WTPF

SeaWall Unmitigated Risk

Cancer Risk from Birth to 2 years - Construction

Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
Residence										
1	0.96952	8.91E-05	8.6E-05	1.05E-03	9.03E-08	2.27E-01	1.57E-01	3.23E-09	1.0E+06	3.2E-03
2	0.95495	8.91E-05	8.5E-05	1.05E-03	8.90E-08	2.27E-01	1.57E-01	3.18E-09	1.0E+06	3.2E-03
3	0.94726	8.91E-05	8.4E-05	1.05E-03	8.83E-08	2.27E-01	1.57E-01	3.15E-09	1.0E+06	3.2E-03
4	0.94596	8.91E-05	8.4E-05	1.05E-03	8.81E-08	2.27E-01	1.57E-01	3.15E-09	1.0E+06	3.1E-03
5	0.94648	8.91E-05	8.4E-05	1.05E-03	8.82E-08	2.27E-01	1.57E-01	3.15E-09	1.0E+06	3.2E-03
6	0.94493	8.91E-05	8.4E-05	1.05E-03	8.80E-08	2.27E-01	1.57E-01	3.15E-09	1.0E+06	3.1E-03
7	0.93893	8.91E-05	8.4E-05	1.05E-03	8.75E-08	2.27E-01	1.57E-01	3.13E-09	1.0E+06	3.1E-03
8	0.92847	8.91E-05	8.3E-05	1.05E-03	8.65E-08	2.27E-01	1.57E-01	3.09E-09	1.0E+06	3.1E-03
9	0.88559	8.91E-05	7.9E-05	1.05E-03	8.25E-08	2.27E-01	1.57E-01	2.95E-09	1.0E+06	2.9E-03
10	0.87116	8.91E-05	7.8E-05	1.05E-03	8.12E-08	2.27E-01	1.57E-01	2.90E-09	1.0E+06	2.9E-03
11	0.85706	8.91E-05	7.6E-05	1.05E-03	7.98E-08	2.27E-01	1.57E-01	2.85E-09	1.0E+06	2.9E-03
12	0.85132	8.91E-05	7.6E-05	1.05E-03	7.93E-08	2.27E-01	1.57E-01	2.83E-09	1.0E+06	2.8E-03
13	0.85227	8.91E-05	7.6E-05	1.05E-03	7.94E-08	2.27E-01	1.57E-01	2.84E-09	1.0E+06	2.8E-03
14	0.85487	8.91E-05	7.6E-05	1.05E-03	7.96E-08	2.27E-01	1.57E-01	2.85E-09	1.0E+06	2.8E-03
15	0.85528	8.91E-05	7.6E-05	1.05E-03	7.97E-08	2.27E-01	1.57E-01	2.85E-09	1.0E+06	2.8E-03
16	0.85171	8.91E-05	7.6E-05	1.05E-03	7.94E-08	2.27E-01	1.57E-01	2.84E-09	1.0E+06	2.8E-03
17	0.84369	8.91E-05	7.5E-05	1.05E-03	7.86E-08	2.27E-01	1.57E-01	2.81E-09	1.0E+06	2.8E-03
18	0.83126	8.91E-05	7.4E-05	1.05E-03	7.74E-08	2.27E-01	1.57E-01	2.77E-09	1.0E+06	2.8E-03
19	0.8146	8.91E-05	7.3E-05	1.05E-03	7.59E-08	2.27E-01	1.57E-01	2.71E-09	1.0E+06	2.7E-03
20	0.79734	8.91E-05	7.1E-05	1.05E-03	7.43E-08	2.27E-01	1.57E-01	2.65E-09	1.0E+06	2.7E-03
21	0.80224	8.91E-05	7.2E-05	1.05E-03	7.47E-08	2.27E-01	1.57E-01	2.67E-09	1.0E+06	2.7E-03
22	0.78698	8.91E-05	7.0E-05	1.05E-03	7.33E-08	2.27E-01	1.57E-01	2.62E-09	1.0E+06	2.6E-03
23	0.77398	8.91E-05	6.9E-05	1.05E-03	7.21E-08	2.27E-01	1.57E-01	2.58E-09	1.0E+06	2.6E-03
24	0.76972	8.91E-05	6.9E-05	1.05E-03	7.17E-08	2.27E-01	1.57E-01	2.56E-09	1.0E+06	2.6E-03
25	0.77223	8.91E-05	6.9E-05	1.05E-03	7.19E-08	2.27E-01	1.57E-01	2.57E-09	1.0E+06	2.6E-03
26	0.77635	8.91E-05	6.9E-05	1.05E-03	7.23E-08	2.27E-01	1.57E-01	2.58E-09	1.0E+06	2.6E-03
27	0.77803	8.91E-05	6.9E-05	1.05E-03	7.25E-08	2.27E-01	1.57E-01	2.59E-09	1.0E+06	2.6E-03
28	0.7757	8.91E-05	6.9E-05	1.05E-03	7.23E-08	2.27E-01	1.57E-01	2.58E-09	1.0E+06	2.6E-03
29	0.76936	8.91E-05	6.9E-05	1.05E-03	7.17E-08	2.27E-01	1.57E-01	2.56E-09	1.0E+06	2.6E-03
30	0.75952	8.91E-05	6.8E-05	1.05E-03	7.08E-08	2.27E-01	1.57E-01	2.53E-09	1.0E+06	2.5E-03

	Max	Receptor #
Res	0.003	1
Park	0.037	436
Total	0.04	1

Berkley WTPF

SeaWall Unmitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
31	0.747	8.91E-05	6.7E-05	1.05E-03	6.96E-08	2.27E-01	1.57E-01	2.49E-09	1.0E+06	2.5E-03
32	0.73282	8.91E-05	6.5E-05	1.05E-03	6.83E-08	2.27E-01	1.57E-01	2.44E-09	1.0E+06	2.4E-03
33	0.71784	8.91E-05	6.4E-05	1.05E-03	6.69E-08	2.27E-01	1.57E-01	2.39E-09	1.0E+06	2.4E-03
34	0.7024	8.91E-05	6.3E-05	1.05E-03	6.54E-08	2.27E-01	1.57E-01	2.34E-09	1.0E+06	2.3E-03
35	0.68645	8.91E-05	6.1E-05	1.05E-03	6.40E-08	2.27E-01	1.57E-01	2.29E-09	1.0E+06	2.3E-03
36	0.66951	8.91E-05	6.0E-05	1.05E-03	6.24E-08	2.27E-01	1.57E-01	2.23E-09	1.0E+06	2.2E-03
37	0.73158	8.91E-05	6.5E-05	1.05E-03	6.82E-08	2.27E-01	1.57E-01	2.44E-09	1.0E+06	2.4E-03
38	0.71481	8.91E-05	6.4E-05	1.05E-03	6.66E-08	2.27E-01	1.57E-01	2.38E-09	1.0E+06	2.4E-03
39	0.70295	8.91E-05	6.3E-05	1.05E-03	6.55E-08	2.27E-01	1.57E-01	2.34E-09	1.0E+06	2.3E-03
40	0.69978	8.91E-05	6.2E-05	1.05E-03	6.52E-08	2.27E-01	1.57E-01	2.33E-09	1.0E+06	2.3E-03
41	0.70325	8.91E-05	6.3E-05	1.05E-03	6.55E-08	2.27E-01	1.57E-01	2.34E-09	1.0E+06	2.3E-03
42	0.70853	8.91E-05	6.3E-05	1.05E-03	6.60E-08	2.27E-01	1.57E-01	2.36E-09	1.0E+06	2.4E-03
43	0.71142	8.91E-05	6.3E-05	1.05E-03	6.63E-08	2.27E-01	1.57E-01	2.37E-09	1.0E+06	2.4E-03
44	0.71023	8.91E-05	6.3E-05	1.05E-03	6.62E-08	2.27E-01	1.57E-01	2.36E-09	1.0E+06	2.4E-03
45	0.70516	8.91E-05	6.3E-05	1.05E-03	6.57E-08	2.27E-01	1.57E-01	2.35E-09	1.0E+06	2.3E-03
46	0.69699	8.91E-05	6.2E-05	1.05E-03	6.49E-08	2.27E-01	1.57E-01	2.32E-09	1.0E+06	2.3E-03
47	0.68651	8.91E-05	6.1E-05	1.05E-03	6.40E-08	2.27E-01	1.57E-01	2.29E-09	1.0E+06	2.3E-03
48	0.67459	8.91E-05	6.0E-05	1.05E-03	6.28E-08	2.27E-01	1.57E-01	2.25E-09	1.0E+06	2.2E-03
49	0.66197	8.91E-05	5.9E-05	1.05E-03	6.17E-08	2.27E-01	1.57E-01	2.20E-09	1.0E+06	2.2E-03
50	0.64897	8.91E-05	5.8E-05	1.05E-03	6.05E-08	2.27E-01	1.57E-01	2.16E-09	1.0E+06	2.2E-03
51	0.63542	8.91E-05	5.7E-05	1.05E-03	5.92E-08	2.27E-01	1.57E-01	2.12E-09	1.0E+06	2.1E-03
52	0.62104	8.91E-05	5.5E-05	1.05E-03	5.79E-08	2.27E-01	1.57E-01	2.07E-09	1.0E+06	2.1E-03
53	0.60585	8.91E-05	5.4E-05	1.05E-03	5.64E-08	2.27E-01	1.57E-01	2.02E-09	1.0E+06	2.0E-03
54	0.59082	8.91E-05	5.3E-05	1.05E-03	5.50E-08	2.27E-01	1.57E-01	1.97E-09	1.0E+06	2.0E-03
55	0.576	8.91E-05	5.1E-05	1.05E-03	5.37E-08	2.27E-01	1.57E-01	1.92E-09	1.0E+06	1.9E-03
56	0.6842	8.91E-05	6.1E-05	1.05E-03	6.37E-08	2.27E-01	1.57E-01	2.28E-09	1.0E+06	2.3E-03
57	0.66898	8.91E-05	6.0E-05	1.05E-03	6.23E-08	2.27E-01	1.57E-01	2.23E-09	1.0E+06	2.2E-03
58	0.65239	8.91E-05	5.8E-05	1.05E-03	6.08E-08	2.27E-01	1.57E-01	2.17E-09	1.0E+06	2.2E-03
59	0.64169	8.91E-05	5.7E-05	1.05E-03	5.98E-08	2.27E-01	1.57E-01	2.14E-09	1.0E+06	2.1E-03
60	0.63938	8.91E-05	5.7E-05	1.05E-03	5.96E-08	2.27E-01	1.57E-01	2.13E-09	1.0E+06	2.1E-03
61	0.6434	8.91E-05	5.7E-05	1.05E-03	5.99E-08	2.27E-01	1.57E-01	2.14E-09	1.0E+06	2.1E-03

Berkley WTPF

SeaWall Unmitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
62	0.64942	8.91E-05	5.8E-05	1.05E-03	6.05E-08	2.27E-01	1.57E-01	2.16E-09	1.0E+06	2.2E-03
63	0.65338	8.91E-05	5.8E-05	1.05E-03	6.09E-08	2.27E-01	1.57E-01	2.18E-09	1.0E+06	2.2E-03
64	0.6533	8.91E-05	5.8E-05	1.05E-03	6.09E-08	2.27E-01	1.57E-01	2.17E-09	1.0E+06	2.2E-03
65	0.64933	8.91E-05	5.8E-05	1.05E-03	6.05E-08	2.27E-01	1.57E-01	2.16E-09	1.0E+06	2.2E-03
66	0.64243	8.91E-05	5.7E-05	1.05E-03	5.99E-08	2.27E-01	1.57E-01	2.14E-09	1.0E+06	2.1E-03
67	0.6335	8.91E-05	5.6E-05	1.05E-03	5.90E-08	2.27E-01	1.57E-01	2.11E-09	1.0E+06	2.1E-03
68	0.62331	8.91E-05	5.6E-05	1.05E-03	5.81E-08	2.27E-01	1.57E-01	2.08E-09	1.0E+06	2.1E-03
69	0.61253	8.91E-05	5.5E-05	1.05E-03	5.71E-08	2.27E-01	1.57E-01	2.04E-09	1.0E+06	2.0E-03
70	0.60147	8.91E-05	5.4E-05	1.05E-03	5.60E-08	2.27E-01	1.57E-01	2.00E-09	1.0E+06	2.0E-03
71	0.58998	8.91E-05	5.3E-05	1.05E-03	5.50E-08	2.27E-01	1.57E-01	1.96E-09	1.0E+06	2.0E-03
72	0.57772	8.91E-05	5.1E-05	1.05E-03	5.38E-08	2.27E-01	1.57E-01	1.92E-09	1.0E+06	1.9E-03
73	0.56464	8.91E-05	5.0E-05	1.05E-03	5.26E-08	2.27E-01	1.57E-01	1.88E-09	1.0E+06	1.9E-03
74	0.55106	8.91E-05	4.9E-05	1.05E-03	5.13E-08	2.27E-01	1.57E-01	1.83E-09	1.0E+06	1.8E-03
75	0.53743	8.91E-05	4.8E-05	1.05E-03	5.01E-08	2.27E-01	1.57E-01	1.79E-09	1.0E+06	1.8E-03
76	0.63008	8.91E-05	5.6E-05	1.05E-03	5.87E-08	2.27E-01	1.57E-01	2.10E-09	1.0E+06	2.1E-03
77	0.61398	8.91E-05	5.5E-05	1.05E-03	5.72E-08	2.27E-01	1.57E-01	2.04E-09	1.0E+06	2.0E-03
78	0.59802	8.91E-05	5.3E-05	1.05E-03	5.57E-08	2.27E-01	1.57E-01	1.99E-09	1.0E+06	2.0E-03
79	0.58846	8.91E-05	5.2E-05	1.05E-03	5.48E-08	2.27E-01	1.57E-01	1.96E-09	1.0E+06	2.0E-03
80	0.58686	8.91E-05	5.2E-05	1.05E-03	5.47E-08	2.27E-01	1.57E-01	1.95E-09	1.0E+06	2.0E-03
81	0.59116	8.91E-05	5.3E-05	1.05E-03	5.51E-08	2.27E-01	1.57E-01	1.97E-09	1.0E+06	2.0E-03
82	0.59758	8.91E-05	5.3E-05	1.05E-03	5.57E-08	2.27E-01	1.57E-01	1.99E-09	1.0E+06	2.0E-03
83	0.60237	8.91E-05	5.4E-05	1.05E-03	5.61E-08	2.27E-01	1.57E-01	2.01E-09	1.0E+06	2.0E-03
84	0.60335	8.91E-05	5.4E-05	1.05E-03	5.62E-08	2.27E-01	1.57E-01	2.01E-09	1.0E+06	2.0E-03
85	0.60041	8.91E-05	5.4E-05	1.05E-03	5.59E-08	2.27E-01	1.57E-01	2.00E-09	1.0E+06	2.0E-03
86	0.59455	8.91E-05	5.3E-05	1.05E-03	5.54E-08	2.27E-01	1.57E-01	1.98E-09	1.0E+06	2.0E-03
87	0.58681	8.91E-05	5.2E-05	1.05E-03	5.47E-08	2.27E-01	1.57E-01	1.95E-09	1.0E+06	2.0E-03
88	0.57798	8.91E-05	5.2E-05	1.05E-03	5.38E-08	2.27E-01	1.57E-01	1.92E-09	1.0E+06	1.9E-03
89	0.56866	8.91E-05	5.1E-05	1.05E-03	5.30E-08	2.27E-01	1.57E-01	1.89E-09	1.0E+06	1.9E-03
90	0.55916	8.91E-05	5.0E-05	1.05E-03	5.21E-08	2.27E-01	1.57E-01	1.86E-09	1.0E+06	1.9E-03
91	0.54935	8.91E-05	4.9E-05	1.05E-03	5.12E-08	2.27E-01	1.57E-01	1.83E-09	1.0E+06	1.8E-03
92	0.53888	8.91E-05	4.8E-05	1.05E-03	5.02E-08	2.27E-01	1.57E-01	1.79E-09	1.0E+06	1.8E-03

Berkley WTPF

SeaWall Unmitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
93	0.52752	8.91E-05	4.7E-05	1.05E-03	4.91E-08	2.27E-01	1.57E-01	1.76E-09	1.0E+06	1.8E-03
94	0.5154	8.91E-05	4.6E-05	1.05E-03	4.80E-08	2.27E-01	1.57E-01	1.72E-09	1.0E+06	1.7E-03
95	0.503	8.91E-05	4.5E-05	1.05E-03	4.69E-08	2.27E-01	1.57E-01	1.67E-09	1.0E+06	1.7E-03
96	0.49099	8.91E-05	4.4E-05	1.05E-03	4.57E-08	2.27E-01	1.57E-01	1.63E-09	1.0E+06	1.6E-03
97	0.48008	8.91E-05	4.3E-05	1.05E-03	4.47E-08	2.27E-01	1.57E-01	1.60E-09	1.0E+06	1.6E-03
98	0.58208	8.91E-05	5.2E-05	1.05E-03	5.42E-08	2.27E-01	1.57E-01	1.94E-09	1.0E+06	1.9E-03
99	0.56554	8.91E-05	5.0E-05	1.05E-03	5.27E-08	2.27E-01	1.57E-01	1.88E-09	1.0E+06	1.9E-03
100	0.55038	8.91E-05	4.9E-05	1.05E-03	5.13E-08	2.27E-01	1.57E-01	1.83E-09	1.0E+06	1.8E-03
101	0.54189	8.91E-05	4.8E-05	1.05E-03	5.05E-08	2.27E-01	1.57E-01	1.80E-09	1.0E+06	1.8E-03
102	0.5409	8.91E-05	4.8E-05	1.05E-03	5.04E-08	2.27E-01	1.57E-01	1.80E-09	1.0E+06	1.8E-03
103	0.54532	8.91E-05	4.9E-05	1.05E-03	5.08E-08	2.27E-01	1.57E-01	1.82E-09	1.0E+06	1.8E-03
104	0.55189	8.91E-05	4.9E-05	1.05E-03	5.14E-08	2.27E-01	1.57E-01	1.84E-09	1.0E+06	1.8E-03
105	0.55724	8.91E-05	5.0E-05	1.05E-03	5.19E-08	2.27E-01	1.57E-01	1.86E-09	1.0E+06	1.9E-03
106	0.55915	8.91E-05	5.0E-05	1.05E-03	5.21E-08	2.27E-01	1.57E-01	1.86E-09	1.0E+06	1.9E-03
107	0.55722	8.91E-05	5.0E-05	1.05E-03	5.19E-08	2.27E-01	1.57E-01	1.86E-09	1.0E+06	1.9E-03
108	0.5523	8.91E-05	4.9E-05	1.05E-03	5.15E-08	2.27E-01	1.57E-01	1.84E-09	1.0E+06	1.8E-03
109	0.54551	8.91E-05	4.9E-05	1.05E-03	5.08E-08	2.27E-01	1.57E-01	1.82E-09	1.0E+06	1.8E-03
110	0.53773	8.91E-05	4.8E-05	1.05E-03	5.01E-08	2.27E-01	1.57E-01	1.79E-09	1.0E+06	1.8E-03
111	0.52958	8.91E-05	4.7E-05	1.05E-03	4.93E-08	2.27E-01	1.57E-01	1.76E-09	1.0E+06	1.8E-03
112	0.52134	8.91E-05	4.6E-05	1.05E-03	4.86E-08	2.27E-01	1.57E-01	1.74E-09	1.0E+06	1.7E-03
113	0.51292	8.91E-05	4.6E-05	1.05E-03	4.78E-08	2.27E-01	1.57E-01	1.71E-09	1.0E+06	1.7E-03
114	0.50396	8.91E-05	4.5E-05	1.05E-03	4.70E-08	2.27E-01	1.57E-01	1.68E-09	1.0E+06	1.7E-03
115	0.49415	8.91E-05	4.4E-05	1.05E-03	4.60E-08	2.27E-01	1.57E-01	1.65E-09	1.0E+06	1.6E-03
116	0.48345	8.91E-05	4.3E-05	1.05E-03	4.50E-08	2.27E-01	1.57E-01	1.61E-09	1.0E+06	1.6E-03
117	0.47219	8.91E-05	4.2E-05	1.05E-03	4.40E-08	2.27E-01	1.57E-01	1.57E-09	1.0E+06	1.6E-03
118	0.46091	8.91E-05	4.1E-05	1.05E-03	4.29E-08	2.27E-01	1.57E-01	1.53E-09	1.0E+06	1.5E-03
119	0.45027	8.91E-05	4.0E-05	1.05E-03	4.20E-08	2.27E-01	1.57E-01	1.50E-09	1.0E+06	1.5E-03
120	0.44077	8.91E-05	3.9E-05	1.05E-03	4.11E-08	2.27E-01	1.57E-01	1.47E-09	1.0E+06	1.5E-03
121	0.55101	8.91E-05	4.9E-05	1.05E-03	5.13E-08	2.27E-01	1.57E-01	1.83E-09	1.0E+06	1.8E-03
122	0.53929	8.91E-05	4.8E-05	1.05E-03	5.02E-08	2.27E-01	1.57E-01	1.80E-09	1.0E+06	1.8E-03
123	0.52267	8.91E-05	4.7E-05	1.05E-03	4.87E-08	2.27E-01	1.57E-01	1.74E-09	1.0E+06	1.7E-03

Berkley WTPF

SeaWall Unmitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
124	0.5084	8.91E-05	4.5E-05	1.05E-03	4.74E-08	2.27E-01	1.57E-01	1.69E-09	1.0E+06	1.7E-03
125	0.50089	8.91E-05	4.5E-05	1.05E-03	4.67E-08	2.27E-01	1.57E-01	1.67E-09	1.0E+06	1.7E-03
126	0.50041	8.91E-05	4.5E-05	1.05E-03	4.66E-08	2.27E-01	1.57E-01	1.67E-09	1.0E+06	1.7E-03
127	0.50489	8.91E-05	4.5E-05	1.05E-03	4.70E-08	2.27E-01	1.57E-01	1.68E-09	1.0E+06	1.7E-03
128	0.51144	8.91E-05	4.6E-05	1.05E-03	4.76E-08	2.27E-01	1.57E-01	1.70E-09	1.0E+06	1.7E-03
129	0.51712	8.91E-05	4.6E-05	1.05E-03	4.82E-08	2.27E-01	1.57E-01	1.72E-09	1.0E+06	1.7E-03
130	0.51979	8.91E-05	4.6E-05	1.05E-03	4.84E-08	2.27E-01	1.57E-01	1.73E-09	1.0E+06	1.7E-03
131	0.5188	8.91E-05	4.6E-05	1.05E-03	4.83E-08	2.27E-01	1.57E-01	1.73E-09	1.0E+06	1.7E-03
132	0.51477	8.91E-05	4.6E-05	1.05E-03	4.80E-08	2.27E-01	1.57E-01	1.71E-09	1.0E+06	1.7E-03
133	0.5088	8.91E-05	4.5E-05	1.05E-03	4.74E-08	2.27E-01	1.57E-01	1.69E-09	1.0E+06	1.7E-03
134	0.50186	8.91E-05	4.5E-05	1.05E-03	4.68E-08	2.27E-01	1.57E-01	1.67E-09	1.0E+06	1.7E-03
135	0.49462	8.91E-05	4.4E-05	1.05E-03	4.61E-08	2.27E-01	1.57E-01	1.65E-09	1.0E+06	1.6E-03
136	0.48742	8.91E-05	4.3E-05	1.05E-03	4.54E-08	2.27E-01	1.57E-01	1.62E-09	1.0E+06	1.6E-03
137	0.48016	8.91E-05	4.3E-05	1.05E-03	4.47E-08	2.27E-01	1.57E-01	1.60E-09	1.0E+06	1.6E-03
138	0.47249	8.91E-05	4.2E-05	1.05E-03	4.40E-08	2.27E-01	1.57E-01	1.57E-09	1.0E+06	1.6E-03
139	0.46403	8.91E-05	4.1E-05	1.05E-03	4.32E-08	2.27E-01	1.57E-01	1.54E-09	1.0E+06	1.5E-03
140	0.45465	8.91E-05	4.1E-05	1.05E-03	4.24E-08	2.27E-01	1.57E-01	1.51E-09	1.0E+06	1.5E-03
141	0.44453	8.91E-05	4.0E-05	1.05E-03	4.14E-08	2.27E-01	1.57E-01	1.48E-09	1.0E+06	1.5E-03
142	0.43408	8.91E-05	3.9E-05	1.05E-03	4.04E-08	2.27E-01	1.57E-01	1.45E-09	1.0E+06	1.4E-03
143	0.42387	8.91E-05	3.8E-05	1.05E-03	3.95E-08	2.27E-01	1.57E-01	1.41E-09	1.0E+06	1.4E-03
144	0.41419	8.91E-05	3.7E-05	1.05E-03	3.86E-08	2.27E-01	1.57E-01	1.38E-09	1.0E+06	1.4E-03
145	0.51383	8.91E-05	4.6E-05	1.05E-03	4.79E-08	2.27E-01	1.57E-01	1.71E-09	1.0E+06	1.7E-03
146	0.50097	8.91E-05	4.5E-05	1.05E-03	4.67E-08	2.27E-01	1.57E-01	1.67E-09	1.0E+06	1.7E-03
147	0.48456	8.91E-05	4.3E-05	1.05E-03	4.51E-08	2.27E-01	1.57E-01	1.61E-09	1.0E+06	1.6E-03
148	0.47122	8.91E-05	4.2E-05	1.05E-03	4.39E-08	2.27E-01	1.57E-01	1.57E-09	1.0E+06	1.6E-03
149	0.46459	8.91E-05	4.1E-05	1.05E-03	4.33E-08	2.27E-01	1.57E-01	1.55E-09	1.0E+06	1.5E-03
150	0.46455	8.91E-05	4.1E-05	1.05E-03	4.33E-08	2.27E-01	1.57E-01	1.55E-09	1.0E+06	1.5E-03
151	0.46903	8.91E-05	4.2E-05	1.05E-03	4.37E-08	2.27E-01	1.57E-01	1.56E-09	1.0E+06	1.6E-03
152	0.47548	8.91E-05	4.2E-05	1.05E-03	4.43E-08	2.27E-01	1.57E-01	1.58E-09	1.0E+06	1.6E-03
153	0.48131	8.91E-05	4.3E-05	1.05E-03	4.48E-08	2.27E-01	1.57E-01	1.60E-09	1.0E+06	1.6E-03
154	0.48455	8.91E-05	4.3E-05	1.05E-03	4.51E-08	2.27E-01	1.57E-01	1.61E-09	1.0E+06	1.6E-03

Berkley WTPF

SeaWall Unmitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
155	0.4844	8.91E-05	4.3E-05	1.05E-03	4.51E-08	2.27E-01	1.57E-01	1.61E-09	1.0E+06	1.6E-03
156	0.48124	8.91E-05	4.3E-05	1.05E-03	4.48E-08	2.27E-01	1.57E-01	1.60E-09	1.0E+06	1.6E-03
157	0.47603	8.91E-05	4.2E-05	1.05E-03	4.44E-08	2.27E-01	1.57E-01	1.58E-09	1.0E+06	1.6E-03
158	0.46977	8.91E-05	4.2E-05	1.05E-03	4.38E-08	2.27E-01	1.57E-01	1.56E-09	1.0E+06	1.6E-03
159	0.46324	8.91E-05	4.1E-05	1.05E-03	4.32E-08	2.27E-01	1.57E-01	1.54E-09	1.0E+06	1.5E-03
160	0.45684	8.91E-05	4.1E-05	1.05E-03	4.26E-08	2.27E-01	1.57E-01	1.52E-09	1.0E+06	1.5E-03
161	0.45056	8.91E-05	4.0E-05	1.05E-03	4.20E-08	2.27E-01	1.57E-01	1.50E-09	1.0E+06	1.5E-03
162	0.44401	8.91E-05	4.0E-05	1.05E-03	4.14E-08	2.27E-01	1.57E-01	1.48E-09	1.0E+06	1.5E-03
163	0.43676	8.91E-05	3.9E-05	1.05E-03	4.07E-08	2.27E-01	1.57E-01	1.45E-09	1.0E+06	1.5E-03
164	0.42858	8.91E-05	3.8E-05	1.05E-03	3.99E-08	2.27E-01	1.57E-01	1.43E-09	1.0E+06	1.4E-03
165	0.41955	8.91E-05	3.7E-05	1.05E-03	3.91E-08	2.27E-01	1.57E-01	1.40E-09	1.0E+06	1.4E-03
166	0.40997	8.91E-05	3.7E-05	1.05E-03	3.82E-08	2.27E-01	1.57E-01	1.36E-09	1.0E+06	1.4E-03
167	0.4003	8.91E-05	3.6E-05	1.05E-03	3.73E-08	2.27E-01	1.57E-01	1.33E-09	1.0E+06	1.3E-03
168	0.48015	8.91E-05	4.3E-05	1.05E-03	4.47E-08	2.27E-01	1.57E-01	1.60E-09	1.0E+06	1.6E-03
169	0.46653	8.91E-05	4.2E-05	1.05E-03	4.35E-08	2.27E-01	1.57E-01	1.55E-09	1.0E+06	1.6E-03
170	0.45053	8.91E-05	4.0E-05	1.05E-03	4.20E-08	2.27E-01	1.57E-01	1.50E-09	1.0E+06	1.5E-03
171	0.43812	8.91E-05	3.9E-05	1.05E-03	4.08E-08	2.27E-01	1.57E-01	1.46E-09	1.0E+06	1.5E-03
172	0.4323	8.91E-05	3.9E-05	1.05E-03	4.03E-08	2.27E-01	1.57E-01	1.44E-09	1.0E+06	1.4E-03
173	0.43261	8.91E-05	3.9E-05	1.05E-03	4.03E-08	2.27E-01	1.57E-01	1.44E-09	1.0E+06	1.4E-03
174	0.43707	8.91E-05	3.9E-05	1.05E-03	4.07E-08	2.27E-01	1.57E-01	1.46E-09	1.0E+06	1.5E-03
175	0.44337	8.91E-05	4.0E-05	1.05E-03	4.13E-08	2.27E-01	1.57E-01	1.48E-09	1.0E+06	1.5E-03
176	0.44924	8.91E-05	4.0E-05	1.05E-03	4.19E-08	2.27E-01	1.57E-01	1.50E-09	1.0E+06	1.5E-03
177	0.45287	8.91E-05	4.0E-05	1.05E-03	4.22E-08	2.27E-01	1.57E-01	1.51E-09	1.0E+06	1.5E-03
178	0.45343	8.91E-05	4.0E-05	1.05E-03	4.22E-08	2.27E-01	1.57E-01	1.51E-09	1.0E+06	1.5E-03
179	0.45108	8.91E-05	4.0E-05	1.05E-03	4.20E-08	2.27E-01	1.57E-01	1.50E-09	1.0E+06	1.5E-03
180	0.44661	8.91E-05	4.0E-05	1.05E-03	4.16E-08	2.27E-01	1.57E-01	1.49E-09	1.0E+06	1.5E-03
181	0.44097	8.91E-05	3.9E-05	1.05E-03	4.11E-08	2.27E-01	1.57E-01	1.47E-09	1.0E+06	1.5E-03
182	0.43499	8.91E-05	3.9E-05	1.05E-03	4.05E-08	2.27E-01	1.57E-01	1.45E-09	1.0E+06	1.4E-03
183	0.4292	8.91E-05	3.8E-05	1.05E-03	4.00E-08	2.27E-01	1.57E-01	1.43E-09	1.0E+06	1.4E-03
184	0.42369	8.91E-05	3.8E-05	1.05E-03	3.95E-08	2.27E-01	1.57E-01	1.41E-09	1.0E+06	1.4E-03
185	0.41811	8.91E-05	3.7E-05	1.05E-03	3.90E-08	2.27E-01	1.57E-01	1.39E-09	1.0E+06	1.4E-03

Berkley WTPF

SeaWall Unmitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
186	0.41196	8.91E-05	3.7E-05	1.05E-03	3.84E-08	2.27E-01	1.57E-01	1.37E-09	1.0E+06	1.4E-03
187	0.4049	8.91E-05	3.6E-05	1.05E-03	3.77E-08	2.27E-01	1.57E-01	1.35E-09	1.0E+06	1.3E-03
188	0.39689	8.91E-05	3.5E-05	1.05E-03	3.70E-08	2.27E-01	1.57E-01	1.32E-09	1.0E+06	1.3E-03
189	0.38818	8.91E-05	3.5E-05	1.05E-03	3.62E-08	2.27E-01	1.57E-01	1.29E-09	1.0E+06	1.3E-03
190	0.37818	8.91E-05	3.4E-05	1.05E-03	3.52E-08	2.27E-01	1.57E-01	1.26E-09	1.0E+06	1.3E-03
191	0.45029	8.91E-05	4.0E-05	1.05E-03	4.20E-08	2.27E-01	1.57E-01	1.50E-09	1.0E+06	1.5E-03
192	0.43561	8.91E-05	3.9E-05	1.05E-03	4.06E-08	2.27E-01	1.57E-01	1.45E-09	1.0E+06	1.5E-03
193	0.42004	8.91E-05	3.7E-05	1.05E-03	3.91E-08	2.27E-01	1.57E-01	1.40E-09	1.0E+06	1.4E-03
194	0.40855	8.91E-05	3.6E-05	1.05E-03	3.81E-08	2.27E-01	1.57E-01	1.36E-09	1.0E+06	1.4E-03
195	0.40342	8.91E-05	3.6E-05	1.05E-03	3.76E-08	2.27E-01	1.57E-01	1.34E-09	1.0E+06	1.3E-03
196	0.40403	8.91E-05	3.6E-05	1.05E-03	3.76E-08	2.27E-01	1.57E-01	1.35E-09	1.0E+06	1.3E-03
197	0.40845	8.91E-05	3.6E-05	1.05E-03	3.81E-08	2.27E-01	1.57E-01	1.36E-09	1.0E+06	1.4E-03
198	0.41458	8.91E-05	3.7E-05	1.05E-03	3.86E-08	2.27E-01	1.57E-01	1.38E-09	1.0E+06	1.4E-03
199	0.42042	8.91E-05	3.7E-05	1.05E-03	3.92E-08	2.27E-01	1.57E-01	1.40E-09	1.0E+06	1.4E-03
200	0.42432	8.91E-05	3.8E-05	1.05E-03	3.95E-08	2.27E-01	1.57E-01	1.41E-09	1.0E+06	1.4E-03
201	0.415	8.91E-05	3.7E-05	1.05E-03	3.87E-08	2.27E-01	1.57E-01	1.38E-09	1.0E+06	1.4E-03
202	0.40949	8.91E-05	3.7E-05	1.05E-03	3.82E-08	2.27E-01	1.57E-01	1.36E-09	1.0E+06	1.4E-03
203	0.40416	8.91E-05	3.6E-05	1.05E-03	3.77E-08	2.27E-01	1.57E-01	1.35E-09	1.0E+06	1.3E-03
204	0.39923	8.91E-05	3.6E-05	1.05E-03	3.72E-08	2.27E-01	1.57E-01	1.33E-09	1.0E+06	1.3E-03
205	0.39444	8.91E-05	3.5E-05	1.05E-03	3.67E-08	2.27E-01	1.57E-01	1.31E-09	1.0E+06	1.3E-03
206	0.38928	8.91E-05	3.5E-05	1.05E-03	3.63E-08	2.27E-01	1.57E-01	1.30E-09	1.0E+06	1.3E-03
207	0.38327	8.91E-05	3.4E-05	1.05E-03	3.57E-08	2.27E-01	1.57E-01	1.28E-09	1.0E+06	1.3E-03
208	0.37627	8.91E-05	3.4E-05	1.05E-03	3.51E-08	2.27E-01	1.57E-01	1.25E-09	1.0E+06	1.3E-03
209	0.36841	8.91E-05	3.3E-05	1.05E-03	3.43E-08	2.27E-01	1.57E-01	1.23E-09	1.0E+06	1.2E-03
210	0.35843	8.91E-05	3.2E-05	1.05E-03	3.34E-08	2.27E-01	1.57E-01	1.19E-09	1.0E+06	1.2E-03
211	0.42283	8.91E-05	3.8E-05	1.05E-03	3.94E-08	2.27E-01	1.57E-01	1.41E-09	1.0E+06	1.4E-03
212	0.40761	8.91E-05	3.6E-05	1.05E-03	3.80E-08	2.27E-01	1.57E-01	1.36E-09	1.0E+06	1.4E-03
213	0.39261	8.91E-05	3.5E-05	1.05E-03	3.66E-08	2.27E-01	1.57E-01	1.31E-09	1.0E+06	1.3E-03
214	0.38202	8.91E-05	3.4E-05	1.05E-03	3.56E-08	2.27E-01	1.57E-01	1.27E-09	1.0E+06	1.3E-03
215	0.3775	8.91E-05	3.4E-05	1.05E-03	3.52E-08	2.27E-01	1.57E-01	1.26E-09	1.0E+06	1.3E-03
216	0.37834	8.91E-05	3.4E-05	1.05E-03	3.52E-08	2.27E-01	1.57E-01	1.26E-09	1.0E+06	1.3E-03

Berkley WTPF

SeaWall Unmitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
217	0.38271	8.91E-05	3.4E-05	1.05E-03	3.57E-08	2.27E-01	1.57E-01	1.27E-09	1.0E+06	1.3E-03
218	0.38867	8.91E-05	3.5E-05	1.05E-03	3.62E-08	2.27E-01	1.57E-01	1.29E-09	1.0E+06	1.3E-03
219	0.39442	8.91E-05	3.5E-05	1.05E-03	3.67E-08	2.27E-01	1.57E-01	1.31E-09	1.0E+06	1.3E-03
220	0.38144	8.91E-05	3.4E-05	1.05E-03	3.55E-08	2.27E-01	1.57E-01	1.27E-09	1.0E+06	1.3E-03
221	0.37692	8.91E-05	3.4E-05	1.05E-03	3.51E-08	2.27E-01	1.57E-01	1.25E-09	1.0E+06	1.3E-03
222	0.37274	8.91E-05	3.3E-05	1.05E-03	3.47E-08	2.27E-01	1.57E-01	1.24E-09	1.0E+06	1.2E-03
223	0.36841	8.91E-05	3.3E-05	1.05E-03	3.43E-08	2.27E-01	1.57E-01	1.23E-09	1.0E+06	1.2E-03
224	0.36339	8.91E-05	3.2E-05	1.05E-03	3.39E-08	2.27E-01	1.57E-01	1.21E-09	1.0E+06	1.2E-03
225	0.35737	8.91E-05	3.2E-05	1.05E-03	3.33E-08	2.27E-01	1.57E-01	1.19E-09	1.0E+06	1.2E-03
226	0.35037	8.91E-05	3.1E-05	1.05E-03	3.26E-08	2.27E-01	1.57E-01	1.17E-09	1.0E+06	1.2E-03
227	0.40824	8.91E-05	3.6E-05	1.05E-03	3.80E-08	2.27E-01	1.57E-01	1.36E-09	1.0E+06	1.4E-03
228	0.39721	8.91E-05	3.5E-05	1.05E-03	3.70E-08	2.27E-01	1.57E-01	1.32E-09	1.0E+06	1.3E-03
229	0.3821	8.91E-05	3.4E-05	1.05E-03	3.56E-08	2.27E-01	1.57E-01	1.27E-09	1.0E+06	1.3E-03
230	0.36787	8.91E-05	3.3E-05	1.05E-03	3.43E-08	2.27E-01	1.57E-01	1.22E-09	1.0E+06	1.2E-03
231	0.35812	8.91E-05	3.2E-05	1.05E-03	3.34E-08	2.27E-01	1.57E-01	1.19E-09	1.0E+06	1.2E-03
232	0.35415	8.91E-05	3.2E-05	1.05E-03	3.30E-08	2.27E-01	1.57E-01	1.18E-09	1.0E+06	1.2E-03
233	0.35517	8.91E-05	3.2E-05	1.05E-03	3.31E-08	2.27E-01	1.57E-01	1.18E-09	1.0E+06	1.2E-03
234	0.35947	8.91E-05	3.2E-05	1.05E-03	3.35E-08	2.27E-01	1.57E-01	1.20E-09	1.0E+06	1.2E-03
235	0.36525	8.91E-05	3.3E-05	1.05E-03	3.40E-08	2.27E-01	1.57E-01	1.22E-09	1.0E+06	1.2E-03
236	0.3709	8.91E-05	3.3E-05	1.05E-03	3.46E-08	2.27E-01	1.57E-01	1.23E-09	1.0E+06	1.2E-03
237	0.36545	8.91E-05	3.3E-05	1.05E-03	3.40E-08	2.27E-01	1.57E-01	1.22E-09	1.0E+06	1.2E-03
238	0.36078	8.91E-05	3.2E-05	1.05E-03	3.36E-08	2.27E-01	1.57E-01	1.20E-09	1.0E+06	1.2E-03
239	0.35655	8.91E-05	3.2E-05	1.05E-03	3.32E-08	2.27E-01	1.57E-01	1.19E-09	1.0E+06	1.2E-03
240	0.3528	8.91E-05	3.1E-05	1.05E-03	3.29E-08	2.27E-01	1.57E-01	1.17E-09	1.0E+06	1.2E-03
241	0.34914	8.91E-05	3.1E-05	1.05E-03	3.25E-08	2.27E-01	1.57E-01	1.16E-09	1.0E+06	1.2E-03
242	0.345	8.91E-05	3.1E-05	1.05E-03	3.21E-08	2.27E-01	1.57E-01	1.15E-09	1.0E+06	1.1E-03
243	0.33985	8.91E-05	3.0E-05	1.05E-03	3.17E-08	2.27E-01	1.57E-01	1.13E-09	1.0E+06	1.1E-03
244	0.33334	8.91E-05	3.0E-05	1.05E-03	3.11E-08	2.27E-01	1.57E-01	1.11E-09	1.0E+06	1.1E-03
245	0.3589	8.91E-05	3.2E-05	1.05E-03	3.34E-08	2.27E-01	1.57E-01	1.19E-09	1.0E+06	1.2E-03
246	0.34547	8.91E-05	3.1E-05	1.05E-03	3.22E-08	2.27E-01	1.57E-01	1.15E-09	1.0E+06	1.2E-03
247	0.33652	8.91E-05	3.0E-05	1.05E-03	3.14E-08	2.27E-01	1.57E-01	1.12E-09	1.0E+06	1.1E-03

Berkley WTPF

SeaWall Unmitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
248	0.33302	8.91E-05	3.0E-05	1.05E-03	3.10E-08	2.27E-01	1.57E-01	1.11E-09	1.0E+06	1.1E-03
249	0.33417	8.91E-05	3.0E-05	1.05E-03	3.11E-08	2.27E-01	1.57E-01	1.11E-09	1.0E+06	1.1E-03
250	0.33839	8.91E-05	3.0E-05	1.05E-03	3.15E-08	2.27E-01	1.57E-01	1.13E-09	1.0E+06	1.1E-03
251	0.34401	8.91E-05	3.1E-05	1.05E-03	3.21E-08	2.27E-01	1.57E-01	1.15E-09	1.0E+06	1.1E-03
252	0.34954	8.91E-05	3.1E-05	1.05E-03	3.26E-08	2.27E-01	1.57E-01	1.16E-09	1.0E+06	1.2E-03
253	0.34633	8.91E-05	3.1E-05	1.05E-03	3.23E-08	2.27E-01	1.57E-01	1.15E-09	1.0E+06	1.2E-03
254	0.34194	8.91E-05	3.0E-05	1.05E-03	3.19E-08	2.27E-01	1.57E-01	1.14E-09	1.0E+06	1.1E-03
255	0.33793	8.91E-05	3.0E-05	1.05E-03	3.15E-08	2.27E-01	1.57E-01	1.13E-09	1.0E+06	1.1E-03
256	0.33448	8.91E-05	3.0E-05	1.05E-03	3.12E-08	2.27E-01	1.57E-01	1.11E-09	1.0E+06	1.1E-03
257	0.33131	8.91E-05	3.0E-05	1.05E-03	3.09E-08	2.27E-01	1.57E-01	1.10E-09	1.0E+06	1.1E-03
258	0.32791	8.91E-05	2.9E-05	1.05E-03	3.06E-08	2.27E-01	1.57E-01	1.09E-09	1.0E+06	1.1E-03
259	0.32354	8.91E-05	2.9E-05	1.05E-03	3.01E-08	2.27E-01	1.57E-01	1.08E-09	1.0E+06	1.1E-03
260	0.31923	8.91E-05	2.8E-05	1.05E-03	2.97E-08	2.27E-01	1.57E-01	1.06E-09	1.0E+06	1.1E-03
261	0.32468	8.91E-05	2.9E-05	1.05E-03	3.02E-08	2.27E-01	1.57E-01	1.08E-09	1.0E+06	1.1E-03
262	0.33264	8.91E-05	3.0E-05	1.05E-03	3.10E-08	2.27E-01	1.57E-01	1.11E-09	1.0E+06	1.1E-03
263	0.32882	8.91E-05	2.9E-05	1.05E-03	3.06E-08	2.27E-01	1.57E-01	1.09E-09	1.0E+06	1.1E-03
264	0.32471	8.91E-05	2.9E-05	1.05E-03	3.03E-08	2.27E-01	1.57E-01	1.08E-09	1.0E+06	1.1E-03
265	0.32089	8.91E-05	2.9E-05	1.05E-03	2.99E-08	2.27E-01	1.57E-01	1.07E-09	1.0E+06	1.1E-03
266	0.31763	8.91E-05	2.8E-05	1.05E-03	2.96E-08	2.27E-01	1.57E-01	1.06E-09	1.0E+06	1.1E-03
267	0.31481	8.91E-05	2.8E-05	1.05E-03	2.93E-08	2.27E-01	1.57E-01	1.05E-09	1.0E+06	1.0E-03
268	0.31198	8.91E-05	2.8E-05	1.05E-03	2.91E-08	2.27E-01	1.57E-01	1.04E-09	1.0E+06	1.0E-03
269	0.30824	8.91E-05	2.7E-05	1.05E-03	2.87E-08	2.27E-01	1.57E-01	1.03E-09	1.0E+06	1.0E-03
270	0.31617	8.91E-05	2.8E-05	1.05E-03	2.95E-08	2.27E-01	1.57E-01	1.05E-09	1.0E+06	1.1E-03
271	0.31273	8.91E-05	2.8E-05	1.05E-03	2.91E-08	2.27E-01	1.57E-01	1.04E-09	1.0E+06	1.0E-03
272	0.30891	8.91E-05	2.8E-05	1.05E-03	2.88E-08	2.27E-01	1.57E-01	1.03E-09	1.0E+06	1.0E-03
273	0.30525	8.91E-05	2.7E-05	1.05E-03	2.84E-08	2.27E-01	1.57E-01	1.02E-09	1.0E+06	1.0E-03
274	0.30212	8.91E-05	2.7E-05	1.05E-03	2.81E-08	2.27E-01	1.57E-01	1.01E-09	1.0E+06	1.0E-03
275	0.29954	8.91E-05	2.7E-05	1.05E-03	2.79E-08	2.27E-01	1.57E-01	9.97E-10	1.0E+06	1.0E-03
276	0.29693	8.91E-05	2.6E-05	1.05E-03	2.77E-08	2.27E-01	1.57E-01	9.89E-10	1.0E+06	9.9E-04
277	0.32412	8.91E-05	2.9E-05	1.05E-03	3.02E-08	2.27E-01	1.57E-01	1.08E-09	1.0E+06	1.1E-03
278	0.33444	8.91E-05	3.0E-05	1.05E-03	3.12E-08	2.27E-01	1.57E-01	1.11E-09	1.0E+06	1.1E-03

Berkley WTPF

SeaWall Unmitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
279	0.33455	8.91E-05	3.0E-05	1.05E-03	3.12E-08	2.27E-01	1.57E-01	1.11E-09	1.0E+06	1.1E-03
280	0.32664	8.91E-05	2.9E-05	1.05E-03	3.04E-08	2.27E-01	1.57E-01	1.09E-09	1.0E+06	1.1E-03
281	0.31412	8.91E-05	2.8E-05	1.05E-03	2.93E-08	2.27E-01	1.57E-01	1.05E-09	1.0E+06	1.0E-03
282	0.30309	8.91E-05	2.7E-05	1.05E-03	2.82E-08	2.27E-01	1.57E-01	1.01E-09	1.0E+06	1.0E-03
283	0.30098	8.91E-05	2.7E-05	1.05E-03	2.80E-08	2.27E-01	1.57E-01	1.00E-09	1.0E+06	1.0E-03
284	0.29791	8.91E-05	2.7E-05	1.05E-03	2.78E-08	2.27E-01	1.57E-01	9.92E-10	1.0E+06	9.9E-04
285	0.29436	8.91E-05	2.6E-05	1.05E-03	2.74E-08	2.27E-01	1.57E-01	9.80E-10	1.0E+06	9.8E-04
286	0.29087	8.91E-05	2.6E-05	1.05E-03	2.71E-08	2.27E-01	1.57E-01	9.68E-10	1.0E+06	9.7E-04
287	0.28784	8.91E-05	2.6E-05	1.05E-03	2.68E-08	2.27E-01	1.57E-01	9.58E-10	1.0E+06	9.6E-04
288	0.2854	8.91E-05	2.5E-05	1.05E-03	2.66E-08	2.27E-01	1.57E-01	9.50E-10	1.0E+06	9.5E-04
289	0.28274	8.91E-05	2.5E-05	1.05E-03	2.63E-08	2.27E-01	1.57E-01	9.41E-10	1.0E+06	9.4E-04
290	0.29502	8.91E-05	2.6E-05	1.05E-03	2.75E-08	2.27E-01	1.57E-01	9.82E-10	1.0E+06	9.8E-04
291	0.31223	8.91E-05	2.8E-05	1.05E-03	2.91E-08	2.27E-01	1.57E-01	1.04E-09	1.0E+06	1.0E-03
292	0.32	8.91E-05	2.9E-05	1.05E-03	2.98E-08	2.27E-01	1.57E-01	1.07E-09	1.0E+06	1.1E-03
293	0.31842	8.91E-05	2.8E-05	1.05E-03	2.97E-08	2.27E-01	1.57E-01	1.06E-09	1.0E+06	1.1E-03
294	0.30975	8.91E-05	2.8E-05	1.05E-03	2.89E-08	2.27E-01	1.57E-01	1.03E-09	1.0E+06	1.0E-03
295	0.2973	8.91E-05	2.7E-05	1.05E-03	2.77E-08	2.27E-01	1.57E-01	9.90E-10	1.0E+06	9.9E-04
296	0.28456	8.91E-05	2.5E-05	1.05E-03	2.65E-08	2.27E-01	1.57E-01	9.47E-10	1.0E+06	9.5E-04
297	0.2743	8.91E-05	2.4E-05	1.05E-03	2.56E-08	2.27E-01	1.57E-01	9.13E-10	1.0E+06	9.1E-04
298	0.268	8.91E-05	2.4E-05	1.05E-03	2.50E-08	2.27E-01	1.57E-01	8.92E-10	1.0E+06	8.9E-04
299	0.26587	8.91E-05	2.4E-05	1.05E-03	2.48E-08	2.27E-01	1.57E-01	8.85E-10	1.0E+06	8.9E-04
300	0.26726	8.91E-05	2.4E-05	1.05E-03	2.49E-08	2.27E-01	1.57E-01	8.90E-10	1.0E+06	8.9E-04
301	0.28871	8.91E-05	2.6E-05	1.05E-03	2.69E-08	2.27E-01	1.57E-01	9.61E-10	1.0E+06	9.6E-04
302	0.28695	8.91E-05	2.6E-05	1.05E-03	2.67E-08	2.27E-01	1.57E-01	9.55E-10	1.0E+06	9.6E-04
303	0.28421	8.91E-05	2.5E-05	1.05E-03	2.65E-08	2.27E-01	1.57E-01	9.46E-10	1.0E+06	9.5E-04
304	0.28094	8.91E-05	2.5E-05	1.05E-03	2.62E-08	2.27E-01	1.57E-01	9.35E-10	1.0E+06	9.4E-04
305	0.27762	8.91E-05	2.5E-05	1.05E-03	2.59E-08	2.27E-01	1.57E-01	9.24E-10	1.0E+06	9.2E-04
306	0.27467	8.91E-05	2.4E-05	1.05E-03	2.56E-08	2.27E-01	1.57E-01	9.14E-10	1.0E+06	9.1E-04
307	0.2723	8.91E-05	2.4E-05	1.05E-03	2.54E-08	2.27E-01	1.57E-01	9.07E-10	1.0E+06	9.1E-04
308	0.28598	8.91E-05	2.5E-05	1.05E-03	2.66E-08	2.27E-01	1.57E-01	9.52E-10	1.0E+06	9.5E-04
309	0.30072	8.91E-05	2.7E-05	1.05E-03	2.80E-08	2.27E-01	1.57E-01	1.00E-09	1.0E+06	1.0E-03

Berkley WTPF

SeaWall Unmitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
310	0.3063	8.91E-05	2.7E-05	1.05E-03	2.85E-08	2.27E-01	1.57E-01	1.02E-09	1.0E+06	1.0E-03
311	0.30327	8.91E-05	2.7E-05	1.05E-03	2.83E-08	2.27E-01	1.57E-01	1.01E-09	1.0E+06	1.0E-03
312	0.29403	8.91E-05	2.6E-05	1.05E-03	2.74E-08	2.27E-01	1.57E-01	9.79E-10	1.0E+06	9.8E-04
313	0.28177	8.91E-05	2.5E-05	1.05E-03	2.63E-08	2.27E-01	1.57E-01	9.38E-10	1.0E+06	9.4E-04
314	0.26967	8.91E-05	2.4E-05	1.05E-03	2.51E-08	2.27E-01	1.57E-01	8.98E-10	1.0E+06	9.0E-04
315	0.26013	8.91E-05	2.3E-05	1.05E-03	2.42E-08	2.27E-01	1.57E-01	8.66E-10	1.0E+06	8.7E-04
316	0.25436	8.91E-05	2.3E-05	1.05E-03	2.37E-08	2.27E-01	1.57E-01	8.47E-10	1.0E+06	8.5E-04
317	0.25248	8.91E-05	2.3E-05	1.05E-03	2.35E-08	2.27E-01	1.57E-01	8.41E-10	1.0E+06	8.4E-04
318	0.25387	8.91E-05	2.3E-05	1.05E-03	2.37E-08	2.27E-01	1.57E-01	8.45E-10	1.0E+06	8.5E-04
319	0.25753	8.91E-05	2.3E-05	1.05E-03	2.40E-08	2.27E-01	1.57E-01	8.57E-10	1.0E+06	8.6E-04
320	0.26233	8.91E-05	2.3E-05	1.05E-03	2.44E-08	2.27E-01	1.57E-01	8.73E-10	1.0E+06	8.7E-04
321	0.26722	8.91E-05	2.4E-05	1.05E-03	2.49E-08	2.27E-01	1.57E-01	8.90E-10	1.0E+06	8.9E-04
322	0.27135	8.91E-05	2.4E-05	1.05E-03	2.53E-08	2.27E-01	1.57E-01	9.03E-10	1.0E+06	9.0E-04
323	0.27541	8.91E-05	2.5E-05	1.05E-03	2.57E-08	2.27E-01	1.57E-01	9.17E-10	1.0E+06	9.2E-04
324	0.27396	8.91E-05	2.4E-05	1.05E-03	2.55E-08	2.27E-01	1.57E-01	9.12E-10	1.0E+06	9.1E-04
325	0.27153	8.91E-05	2.4E-05	1.05E-03	2.53E-08	2.27E-01	1.57E-01	9.04E-10	1.0E+06	9.0E-04
326	0.26851	8.91E-05	2.4E-05	1.05E-03	2.50E-08	2.27E-01	1.57E-01	8.94E-10	1.0E+06	8.9E-04
327	0.26536	8.91E-05	2.4E-05	1.05E-03	2.47E-08	2.27E-01	1.57E-01	8.83E-10	1.0E+06	8.8E-04
328	0.26249	8.91E-05	2.3E-05	1.05E-03	2.45E-08	2.27E-01	1.57E-01	8.74E-10	1.0E+06	8.7E-04
329	0.26018	8.91E-05	2.3E-05	1.05E-03	2.42E-08	2.27E-01	1.57E-01	8.66E-10	1.0E+06	8.7E-04
330	0.27726	8.91E-05	2.5E-05	1.05E-03	2.58E-08	2.27E-01	1.57E-01	9.23E-10	1.0E+06	9.2E-04
331	0.28967	8.91E-05	2.6E-05	1.05E-03	2.70E-08	2.27E-01	1.57E-01	9.64E-10	1.0E+06	9.6E-04
332	0.29327	8.91E-05	2.6E-05	1.05E-03	2.73E-08	2.27E-01	1.57E-01	9.76E-10	1.0E+06	9.8E-04
333	0.28902	8.91E-05	2.6E-05	1.05E-03	2.69E-08	2.27E-01	1.57E-01	9.62E-10	1.0E+06	9.6E-04
334	0.27939	8.91E-05	2.5E-05	1.05E-03	2.60E-08	2.27E-01	1.57E-01	9.30E-10	1.0E+06	9.3E-04
335	0.26742	8.91E-05	2.4E-05	1.05E-03	2.49E-08	2.27E-01	1.57E-01	8.90E-10	1.0E+06	8.9E-04
336	0.25596	8.91E-05	2.3E-05	1.05E-03	2.38E-08	2.27E-01	1.57E-01	8.52E-10	1.0E+06	8.5E-04
337	0.2471	8.91E-05	2.2E-05	1.05E-03	2.30E-08	2.27E-01	1.57E-01	8.23E-10	1.0E+06	8.2E-04
338	0.24182	8.91E-05	2.2E-05	1.05E-03	2.25E-08	2.27E-01	1.57E-01	8.05E-10	1.0E+06	8.1E-04
339	0.24015	8.91E-05	2.1E-05	1.05E-03	2.24E-08	2.27E-01	1.57E-01	8.00E-10	1.0E+06	8.0E-04
340	0.24154	8.91E-05	2.2E-05	1.05E-03	2.25E-08	2.27E-01	1.57E-01	8.04E-10	1.0E+06	8.0E-04

Berkley WTPF

SeaWall Unmitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
341	0.24508	8.91E-05	2.2E-05	1.05E-03	2.28E-08	2.27E-01	1.57E-01	8.16E-10	1.0E+06	8.2E-04
342	0.24972	8.91E-05	2.2E-05	1.05E-03	2.33E-08	2.27E-01	1.57E-01	8.31E-10	1.0E+06	8.3E-04
343	0.25447	8.91E-05	2.3E-05	1.05E-03	2.37E-08	2.27E-01	1.57E-01	8.47E-10	1.0E+06	8.5E-04
344	0.25855	8.91E-05	2.3E-05	1.05E-03	2.41E-08	2.27E-01	1.57E-01	8.61E-10	1.0E+06	8.6E-04
345	0.26147	8.91E-05	2.3E-05	1.05E-03	2.44E-08	2.27E-01	1.57E-01	8.70E-10	1.0E+06	8.7E-04
346	0.26298	8.91E-05	2.3E-05	1.05E-03	2.45E-08	2.27E-01	1.57E-01	8.76E-10	1.0E+06	8.8E-04
347	0.26307	8.91E-05	2.3E-05	1.05E-03	2.45E-08	2.27E-01	1.57E-01	8.76E-10	1.0E+06	8.8E-04
348	0.26191	8.91E-05	2.3E-05	1.05E-03	2.44E-08	2.27E-01	1.57E-01	8.72E-10	1.0E+06	8.7E-04
349	0.25976	8.91E-05	2.3E-05	1.05E-03	2.42E-08	2.27E-01	1.57E-01	8.65E-10	1.0E+06	8.6E-04
350	0.25699	8.91E-05	2.3E-05	1.05E-03	2.39E-08	2.27E-01	1.57E-01	8.56E-10	1.0E+06	8.6E-04
351	0.25395	8.91E-05	2.3E-05	1.05E-03	2.37E-08	2.27E-01	1.57E-01	8.45E-10	1.0E+06	8.5E-04
352	0.2511	8.91E-05	2.2E-05	1.05E-03	2.34E-08	2.27E-01	1.57E-01	8.36E-10	1.0E+06	8.4E-04
353	0.26881	8.91E-05	2.4E-05	1.05E-03	2.50E-08	2.27E-01	1.57E-01	8.95E-10	1.0E+06	8.9E-04
354	0.27903	8.91E-05	2.5E-05	1.05E-03	2.60E-08	2.27E-01	1.57E-01	9.29E-10	1.0E+06	9.3E-04
355	0.28088	8.91E-05	2.5E-05	1.05E-03	2.62E-08	2.27E-01	1.57E-01	9.35E-10	1.0E+06	9.4E-04
356	0.27562	8.91E-05	2.5E-05	1.05E-03	2.57E-08	2.27E-01	1.57E-01	9.18E-10	1.0E+06	9.2E-04
357	0.26575	8.91E-05	2.4E-05	1.05E-03	2.48E-08	2.27E-01	1.57E-01	8.85E-10	1.0E+06	8.8E-04
358	0.25413	8.91E-05	2.3E-05	1.05E-03	2.37E-08	2.27E-01	1.57E-01	8.46E-10	1.0E+06	8.5E-04
359	0.24331	8.91E-05	2.2E-05	1.05E-03	2.27E-08	2.27E-01	1.57E-01	8.10E-10	1.0E+06	8.1E-04
360	0.23509	8.91E-05	2.1E-05	1.05E-03	2.19E-08	2.27E-01	1.57E-01	7.83E-10	1.0E+06	7.8E-04
361	0.23025	8.91E-05	2.1E-05	1.05E-03	2.15E-08	2.27E-01	1.57E-01	7.67E-10	1.0E+06	7.7E-04
362	0.22878	8.91E-05	2.0E-05	1.05E-03	2.13E-08	2.27E-01	1.57E-01	7.62E-10	1.0E+06	7.6E-04
363	0.23016	8.91E-05	2.1E-05	1.05E-03	2.14E-08	2.27E-01	1.57E-01	7.66E-10	1.0E+06	7.7E-04
364	0.23356	8.91E-05	2.1E-05	1.05E-03	2.18E-08	2.27E-01	1.57E-01	7.78E-10	1.0E+06	7.8E-04
365	0.23804	8.91E-05	2.1E-05	1.05E-03	2.22E-08	2.27E-01	1.57E-01	7.92E-10	1.0E+06	7.9E-04
366	0.24266	8.91E-05	2.2E-05	1.05E-03	2.26E-08	2.27E-01	1.57E-01	8.08E-10	1.0E+06	8.1E-04
367	0.24668	8.91E-05	2.2E-05	1.05E-03	2.30E-08	2.27E-01	1.57E-01	8.21E-10	1.0E+06	8.2E-04
368	0.24963	8.91E-05	2.2E-05	1.05E-03	2.33E-08	2.27E-01	1.57E-01	8.31E-10	1.0E+06	8.3E-04
369	0.25129	8.91E-05	2.2E-05	1.05E-03	2.34E-08	2.27E-01	1.57E-01	8.37E-10	1.0E+06	8.4E-04
370	0.2516	8.91E-05	2.2E-05	1.05E-03	2.34E-08	2.27E-01	1.57E-01	8.38E-10	1.0E+06	8.4E-04
371	0.25069	8.91E-05	2.2E-05	1.05E-03	2.34E-08	2.27E-01	1.57E-01	8.35E-10	1.0E+06	8.3E-04

Berkley WTPF

SeaWall Unmitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
372	0.24881	8.91E-05	2.2E-05	1.05E-03	2.32E-08	2.27E-01	1.57E-01	8.28E-10	1.0E+06	8.3E-04
373	0.26879	8.91E-05	2.4E-05	1.05E-03	2.50E-08	2.27E-01	1.57E-01	8.95E-10	1.0E+06	8.9E-04
374	0.26909	8.91E-05	2.4E-05	1.05E-03	2.51E-08	2.27E-01	1.57E-01	8.96E-10	1.0E+06	9.0E-04
375	0.26302	8.91E-05	2.3E-05	1.05E-03	2.45E-08	2.27E-01	1.57E-01	8.76E-10	1.0E+06	8.8E-04
376	0.25303	8.91E-05	2.3E-05	1.05E-03	2.36E-08	2.27E-01	1.57E-01	8.42E-10	1.0E+06	8.4E-04
377	0.24181	8.91E-05	2.2E-05	1.05E-03	2.25E-08	2.27E-01	1.57E-01	8.05E-10	1.0E+06	8.1E-04
378	0.23163	8.91E-05	2.1E-05	1.05E-03	2.16E-08	2.27E-01	1.57E-01	7.71E-10	1.0E+06	7.7E-04
379	0.22401	8.91E-05	2.0E-05	1.05E-03	2.09E-08	2.27E-01	1.57E-01	7.46E-10	1.0E+06	7.5E-04
380	0.21957	8.91E-05	2.0E-05	1.05E-03	2.05E-08	2.27E-01	1.57E-01	7.31E-10	1.0E+06	7.3E-04
381	0.21827	8.91E-05	1.9E-05	1.05E-03	2.03E-08	2.27E-01	1.57E-01	7.27E-10	1.0E+06	7.3E-04
382	0.21962	8.91E-05	2.0E-05	1.05E-03	2.05E-08	2.27E-01	1.57E-01	7.31E-10	1.0E+06	7.3E-04
383	0.2229	8.91E-05	2.0E-05	1.05E-03	2.08E-08	2.27E-01	1.57E-01	7.42E-10	1.0E+06	7.4E-04
384	0.22722	8.91E-05	2.0E-05	1.05E-03	2.12E-08	2.27E-01	1.57E-01	7.56E-10	1.0E+06	7.6E-04
385	0.23171	8.91E-05	2.1E-05	1.05E-03	2.16E-08	2.27E-01	1.57E-01	7.71E-10	1.0E+06	7.7E-04
386	0.23567	8.91E-05	2.1E-05	1.05E-03	2.20E-08	2.27E-01	1.57E-01	7.85E-10	1.0E+06	7.8E-04
387	0.23864	8.91E-05	2.1E-05	1.05E-03	2.22E-08	2.27E-01	1.57E-01	7.94E-10	1.0E+06	7.9E-04
388	0.24037	8.91E-05	2.1E-05	1.05E-03	2.24E-08	2.27E-01	1.57E-01	8.00E-10	1.0E+06	8.0E-04
389	0.25886	8.91E-05	2.3E-05	1.05E-03	2.41E-08	2.27E-01	1.57E-01	8.62E-10	1.0E+06	8.6E-04
390	0.2578	8.91E-05	2.3E-05	1.05E-03	2.40E-08	2.27E-01	1.57E-01	8.58E-10	1.0E+06	8.6E-04
391	0.25114	8.91E-05	2.2E-05	1.05E-03	2.34E-08	2.27E-01	1.57E-01	8.36E-10	1.0E+06	8.4E-04
392	0.24117	8.91E-05	2.1E-05	1.05E-03	2.25E-08	2.27E-01	1.57E-01	8.03E-10	1.0E+06	8.0E-04
393	0.23038	8.91E-05	2.1E-05	1.05E-03	2.15E-08	2.27E-01	1.57E-01	7.67E-10	1.0E+06	7.7E-04
394	0.22082	8.91E-05	2.0E-05	1.05E-03	2.06E-08	2.27E-01	1.57E-01	7.35E-10	1.0E+06	7.4E-04
395	0.21375	8.91E-05	1.9E-05	1.05E-03	1.99E-08	2.27E-01	1.57E-01	7.12E-10	1.0E+06	7.1E-04
396	0.20968	8.91E-05	1.9E-05	1.05E-03	1.95E-08	2.27E-01	1.57E-01	6.98E-10	1.0E+06	7.0E-04
397	0.20852	8.91E-05	1.9E-05	1.05E-03	1.94E-08	2.27E-01	1.57E-01	6.94E-10	1.0E+06	6.9E-04
398	0.20986	8.91E-05	1.9E-05	1.05E-03	1.96E-08	2.27E-01	1.57E-01	6.99E-10	1.0E+06	7.0E-04
399	0.21301	8.91E-05	1.9E-05	1.05E-03	1.98E-08	2.27E-01	1.57E-01	7.09E-10	1.0E+06	7.1E-04
400	0.21718	8.91E-05	1.9E-05	1.05E-03	2.02E-08	2.27E-01	1.57E-01	7.23E-10	1.0E+06	7.2E-04
401	0.22153	8.91E-05	2.0E-05	1.05E-03	2.06E-08	2.27E-01	1.57E-01	7.38E-10	1.0E+06	7.4E-04
402	0.22541	8.91E-05	2.0E-05	1.05E-03	2.10E-08	2.27E-01	1.57E-01	7.50E-10	1.0E+06	7.5E-04

Berkley WTPF

SeaWall Unmitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
403	0.22839	8.91E-05	2.0E-05	1.05E-03	2.13E-08	2.27E-01	1.57E-01	7.60E-10	1.0E+06	7.6E-04
404	0.24668	8.91E-05	2.2E-05	1.05E-03	2.30E-08	2.27E-01	1.57E-01	8.21E-10	1.0E+06	8.2E-04
405	0.23987	8.91E-05	2.1E-05	1.05E-03	2.23E-08	2.27E-01	1.57E-01	7.99E-10	1.0E+06	8.0E-04
406	0.23008	8.91E-05	2.1E-05	1.05E-03	2.14E-08	2.27E-01	1.57E-01	7.66E-10	1.0E+06	7.7E-04
407	0.21976	8.91E-05	2.0E-05	1.05E-03	2.05E-08	2.27E-01	1.57E-01	7.32E-10	1.0E+06	7.3E-04
408	0.2108	8.91E-05	1.9E-05	1.05E-03	1.96E-08	2.27E-01	1.57E-01	7.02E-10	1.0E+06	7.0E-04
409	0.20424	8.91E-05	1.8E-05	1.05E-03	1.90E-08	2.27E-01	1.57E-01	6.80E-10	1.0E+06	6.8E-04
410	0.2005	8.91E-05	1.8E-05	1.05E-03	1.87E-08	2.27E-01	1.57E-01	6.68E-10	1.0E+06	6.7E-04
411	0.19948	8.91E-05	1.8E-05	1.05E-03	1.86E-08	2.27E-01	1.57E-01	6.64E-10	1.0E+06	6.6E-04
412	0.20079	8.91E-05	1.8E-05	1.05E-03	1.87E-08	2.27E-01	1.57E-01	6.68E-10	1.0E+06	6.7E-04
413	0.20382	8.91E-05	1.8E-05	1.05E-03	1.90E-08	2.27E-01	1.57E-01	6.79E-10	1.0E+06	6.8E-04
414	0.20783	8.91E-05	1.9E-05	1.05E-03	1.94E-08	2.27E-01	1.57E-01	6.92E-10	1.0E+06	6.9E-04
415	0.21205	8.91E-05	1.9E-05	1.05E-03	1.98E-08	2.27E-01	1.57E-01	7.06E-10	1.0E+06	7.1E-04
416	0.21586	8.91E-05	1.9E-05	1.05E-03	2.01E-08	2.27E-01	1.57E-01	7.19E-10	1.0E+06	7.2E-04
417	0.21883	8.91E-05	2.0E-05	1.05E-03	2.04E-08	2.27E-01	1.57E-01	7.29E-10	1.0E+06	7.3E-04
418	0.21923	8.91E-05	2.0E-05	1.05E-03	2.04E-08	2.27E-01	1.57E-01	7.30E-10	1.0E+06	7.3E-04
419	0.20988	8.91E-05	1.9E-05	1.05E-03	1.96E-08	2.27E-01	1.57E-01	6.99E-10	1.0E+06	7.0E-04
420	0.20149	8.91E-05	1.8E-05	1.05E-03	1.88E-08	2.27E-01	1.57E-01	6.71E-10	1.0E+06	6.7E-04
421	0.19541	8.91E-05	1.7E-05	1.05E-03	1.82E-08	2.27E-01	1.57E-01	6.51E-10	1.0E+06	6.5E-04
422	0.19197	8.91E-05	1.7E-05	1.05E-03	1.79E-08	2.27E-01	1.57E-01	6.39E-10	1.0E+06	6.4E-04
423	0.19106	8.91E-05	1.7E-05	1.05E-03	1.78E-08	2.27E-01	1.57E-01	6.36E-10	1.0E+06	6.4E-04
424	0.19234	8.91E-05	1.7E-05	1.05E-03	1.79E-08	2.27E-01	1.57E-01	6.40E-10	1.0E+06	6.4E-04
425	0.19526	8.91E-05	1.7E-05	1.05E-03	1.82E-08	2.27E-01	1.57E-01	6.50E-10	1.0E+06	6.5E-04
426	0.19912	8.91E-05	1.8E-05	1.05E-03	1.86E-08	2.27E-01	1.57E-01	6.63E-10	1.0E+06	6.6E-04
427	0.20321	8.91E-05	1.8E-05	1.05E-03	1.89E-08	2.27E-01	1.57E-01	6.77E-10	1.0E+06	6.8E-04
428	0.20694	8.91E-05	1.8E-05	1.05E-03	1.93E-08	2.27E-01	1.57E-01	6.89E-10	1.0E+06	6.9E-04
429	0.20979	8.91E-05	1.9E-05	1.05E-03	1.95E-08	2.27E-01	1.57E-01	6.98E-10	1.0E+06	7.0E-04
430	0.18308	8.91E-05	1.6E-05	1.05E-03	1.71E-08	2.27E-01	1.57E-01	6.10E-10	1.0E+06	6.1E-04
431	0.18439	8.91E-05	1.6E-05	1.05E-03	1.72E-08	2.27E-01	1.57E-01	6.14E-10	1.0E+06	6.1E-04
432	0.18719	8.91E-05	1.7E-05	1.05E-03	1.74E-08	2.27E-01	1.57E-01	6.23E-10	1.0E+06	6.2E-04
433	0.19097	8.91E-05	1.7E-05	1.05E-03	1.78E-08	2.27E-01	1.57E-01	6.36E-10	1.0E+06	6.4E-04

Berkley WTPF

SeaWall Unmitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
434	0.19495	8.91E-05	1.7E-05	1.05E-03	1.82E-08	2.27E-01	1.57E-01	6.49E-10	1.0E+06	6.5E-04
435	0.19859	8.91E-05	1.8E-05	1.05E-03	1.85E-08	2.27E-01	1.57E-01	6.61E-10	1.0E+06	6.6E-04

Berkley WTPF
SeaWall Unmitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
		Residence	
1	5	1.73E-05	1.73E-05
2	5	1.70E-05	1.70E-05
3	5	1.69E-05	1.69E-05
4	5	1.69E-05	1.69E-05
5	5	1.69E-05	1.69E-05
6	5	1.68E-05	1.68E-05
7	5	1.67E-05	1.67E-05
8	5	1.66E-05	1.66E-05
9	5	1.58E-05	1.58E-05
10	5	1.55E-05	1.55E-05
11	5	1.53E-05	1.53E-05
12	5	1.52E-05	1.52E-05
13	5	1.52E-05	1.52E-05
14	5	1.52E-05	1.52E-05
15	5	1.52E-05	1.52E-05
16	5	1.52E-05	1.52E-05
17	5	1.50E-05	1.50E-05
18	5	1.48E-05	1.48E-05
19	5	1.45E-05	1.45E-05
20	5	1.42E-05	1.42E-05
21	5	1.43E-05	1.43E-05
22	5	1.40E-05	1.40E-05
23	5	1.38E-05	1.38E-05
24	5	1.37E-05	1.37E-05
25	5	1.38E-05	1.38E-05
26	5	1.38E-05	1.38E-05
27	5	1.39E-05	1.39E-05
28	5	1.38E-05	1.38E-05
29	5	1.37E-05	1.37E-05
30	5	1.35E-05	1.35E-05

Max	Receptor #	
1.728E-05	1	Res
1.982E-04	436	Park
2.155E-04	1	Total

Berkley WTPF
SeaWall Unmitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
31	5	1.33E-05	1.33E-05
32	5	1.31E-05	1.31E-05
33	5	1.28E-05	1.28E-05
34	5	1.25E-05	1.25E-05
35	5	1.22E-05	1.22E-05
36	5	1.19E-05	1.19E-05
37	5	1.30E-05	1.30E-05
38	5	1.27E-05	1.27E-05
39	5	1.25E-05	1.25E-05
40	5	1.25E-05	1.25E-05
41	5	1.25E-05	1.25E-05
42	5	1.26E-05	1.26E-05
43	5	1.27E-05	1.27E-05
44	5	1.27E-05	1.27E-05
45	5	1.26E-05	1.26E-05
46	5	1.24E-05	1.24E-05
47	5	1.22E-05	1.22E-05
48	5	1.20E-05	1.20E-05
49	5	1.18E-05	1.18E-05
50	5	1.16E-05	1.16E-05
51	5	1.13E-05	1.13E-05
52	5	1.11E-05	1.11E-05
53	5	1.08E-05	1.08E-05
54	5	1.05E-05	1.05E-05
55	5	1.03E-05	1.03E-05
56	5	1.22E-05	1.22E-05
57	5	1.19E-05	1.19E-05
58	5	1.16E-05	1.16E-05
59	5	1.14E-05	1.14E-05
60	5	1.14E-05	1.14E-05
61	5	1.15E-05	1.15E-05

Berkley WTPF
SeaWall Unmitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
62	5	1.16E-05	1.16E-05
63	5	1.16E-05	1.16E-05
64	5	1.16E-05	1.16E-05
65	5	1.16E-05	1.16E-05
66	5	1.15E-05	1.15E-05
67	5	1.13E-05	1.13E-05
68	5	1.11E-05	1.11E-05
69	5	1.09E-05	1.09E-05
70	5	1.07E-05	1.07E-05
71	5	1.05E-05	1.05E-05
72	5	1.03E-05	1.03E-05
73	5	1.01E-05	1.01E-05
74	5	9.82E-06	9.82E-06
75	5	9.58E-06	9.58E-06
76	5	1.12E-05	1.12E-05
77	5	1.09E-05	1.09E-05
78	5	1.07E-05	1.07E-05
79	5	1.05E-05	1.05E-05
80	5	1.05E-05	1.05E-05
81	5	1.05E-05	1.05E-05
82	5	1.07E-05	1.07E-05
83	5	1.07E-05	1.07E-05
84	5	1.08E-05	1.08E-05
85	5	1.07E-05	1.07E-05
86	5	1.06E-05	1.06E-05
87	5	1.05E-05	1.05E-05
88	5	1.03E-05	1.03E-05
89	5	1.01E-05	1.01E-05
90	5	9.97E-06	9.97E-06
91	5	9.79E-06	9.79E-06
92	5	9.61E-06	9.61E-06

Berkley WTPF
SeaWall Unmitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
93	5	9.40E-06	9.40E-06
94	5	9.19E-06	9.19E-06
95	5	8.97E-06	8.97E-06
96	5	8.75E-06	8.75E-06
97	5	8.56E-06	8.56E-06
98	5	1.04E-05	1.04E-05
99	5	1.01E-05	1.01E-05
100	5	9.81E-06	9.81E-06
101	5	9.66E-06	9.66E-06
102	5	9.64E-06	9.64E-06
103	5	9.72E-06	9.72E-06
104	5	9.84E-06	9.84E-06
105	5	9.93E-06	9.93E-06
106	5	9.97E-06	9.97E-06
107	5	9.93E-06	9.93E-06
108	5	9.85E-06	9.85E-06
109	5	9.73E-06	9.73E-06
110	5	9.59E-06	9.59E-06
111	5	9.44E-06	9.44E-06
112	5	9.29E-06	9.29E-06
113	5	9.14E-06	9.14E-06
114	5	8.98E-06	8.98E-06
115	5	8.81E-06	8.81E-06
116	5	8.62E-06	8.62E-06
117	5	8.42E-06	8.42E-06
118	5	8.22E-06	8.22E-06
119	5	8.03E-06	8.03E-06
120	5	7.86E-06	7.86E-06
121	5	9.82E-06	9.82E-06
122	5	9.61E-06	9.61E-06
123	5	9.32E-06	9.32E-06

Berkley WTPF
SeaWall Unmitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
124	5	9.06E-06	9.06E-06
125	5	8.93E-06	8.93E-06
126	5	8.92E-06	8.92E-06
127	5	9.00E-06	9.00E-06
128	5	9.12E-06	9.12E-06
129	5	9.22E-06	9.22E-06
130	5	9.27E-06	9.27E-06
131	5	9.25E-06	9.25E-06
132	5	9.18E-06	9.18E-06
133	5	9.07E-06	9.07E-06
134	5	8.95E-06	8.95E-06
135	5	8.82E-06	8.82E-06
136	5	8.69E-06	8.69E-06
137	5	8.56E-06	8.56E-06
138	5	8.42E-06	8.42E-06
139	5	8.27E-06	8.27E-06
140	5	8.11E-06	8.11E-06
141	5	7.92E-06	7.92E-06
142	5	7.74E-06	7.74E-06
143	5	7.56E-06	7.56E-06
144	5	7.38E-06	7.38E-06
145	5	9.16E-06	9.16E-06
146	5	8.93E-06	8.93E-06
147	5	8.64E-06	8.64E-06
148	5	8.40E-06	8.40E-06
149	5	8.28E-06	8.28E-06
150	5	8.28E-06	8.28E-06
151	5	8.36E-06	8.36E-06
152	5	8.48E-06	8.48E-06
153	5	8.58E-06	8.58E-06
154	5	8.64E-06	8.64E-06

Berkley WTPF
SeaWall Unmitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
155	5	8.64E-06	8.64E-06
156	5	8.58E-06	8.58E-06
157	5	8.49E-06	8.49E-06
158	5	8.37E-06	8.37E-06
159	5	8.26E-06	8.26E-06
160	5	8.14E-06	8.14E-06
161	5	8.03E-06	8.03E-06
162	5	7.92E-06	7.92E-06
163	5	7.79E-06	7.79E-06
164	5	7.64E-06	7.64E-06
165	5	7.48E-06	7.48E-06
166	5	7.31E-06	7.31E-06
167	5	7.14E-06	7.14E-06
168	5	8.56E-06	8.56E-06
169	5	8.32E-06	8.32E-06
170	5	8.03E-06	8.03E-06
171	5	7.81E-06	7.81E-06
172	5	7.71E-06	7.71E-06
173	5	7.71E-06	7.71E-06
174	5	7.79E-06	7.79E-06
175	5	7.90E-06	7.90E-06
176	5	8.01E-06	8.01E-06
177	5	8.07E-06	8.07E-06
178	5	8.08E-06	8.08E-06
179	5	8.04E-06	8.04E-06
180	5	7.96E-06	7.96E-06
181	5	7.86E-06	7.86E-06
182	5	7.75E-06	7.75E-06
183	5	7.65E-06	7.65E-06
184	5	7.55E-06	7.55E-06
185	5	7.45E-06	7.45E-06

Berkley WTPF
SeaWall Unmitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
186	5	7.34E-06	7.34E-06
187	5	7.22E-06	7.22E-06
188	5	7.08E-06	7.08E-06
189	5	6.92E-06	6.92E-06
190	5	6.74E-06	6.74E-06
191	5	8.03E-06	8.03E-06
192	5	7.77E-06	7.77E-06
193	5	7.49E-06	7.49E-06
194	5	7.28E-06	7.28E-06
195	5	7.19E-06	7.19E-06
196	5	7.20E-06	7.20E-06
197	5	7.28E-06	7.28E-06
198	5	7.39E-06	7.39E-06
199	5	7.50E-06	7.50E-06
200	5	7.56E-06	7.56E-06
201	5	7.40E-06	7.40E-06
202	5	7.30E-06	7.30E-06
203	5	7.21E-06	7.21E-06
204	5	7.12E-06	7.12E-06
205	5	7.03E-06	7.03E-06
206	5	6.94E-06	6.94E-06
207	5	6.83E-06	6.83E-06
208	5	6.71E-06	6.71E-06
209	5	6.57E-06	6.57E-06
210	5	6.39E-06	6.39E-06
211	5	7.54E-06	7.54E-06
212	5	7.27E-06	7.27E-06
213	5	7.00E-06	7.00E-06
214	5	6.81E-06	6.81E-06
215	5	6.73E-06	6.73E-06
216	5	6.74E-06	6.74E-06

Berkley WTPF
SeaWall Unmitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
217	5	6.82E-06	6.82E-06
218	5	6.93E-06	6.93E-06
219	5	7.03E-06	7.03E-06
220	5	6.80E-06	6.80E-06
221	5	6.72E-06	6.72E-06
222	5	6.65E-06	6.65E-06
223	5	6.57E-06	6.57E-06
224	5	6.48E-06	6.48E-06
225	5	6.37E-06	6.37E-06
226	5	6.25E-06	6.25E-06
227	5	7.28E-06	7.28E-06
228	5	7.08E-06	7.08E-06
229	5	6.81E-06	6.81E-06
230	5	6.56E-06	6.56E-06
231	5	6.38E-06	6.38E-06
232	5	6.31E-06	6.31E-06
233	5	6.33E-06	6.33E-06
234	5	6.41E-06	6.41E-06
235	5	6.51E-06	6.51E-06
236	5	6.61E-06	6.61E-06
237	5	6.52E-06	6.52E-06
238	5	6.43E-06	6.43E-06
239	5	6.36E-06	6.36E-06
240	5	6.29E-06	6.29E-06
241	5	6.22E-06	6.22E-06
242	5	6.15E-06	6.15E-06
243	5	6.06E-06	6.06E-06
244	5	5.94E-06	5.94E-06
245	5	6.40E-06	6.40E-06
246	5	6.16E-06	6.16E-06
247	5	6.00E-06	6.00E-06

Berkley WTPF
SeaWall Unmitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
248	5	5.94E-06	5.94E-06
249	5	5.96E-06	5.96E-06
250	5	6.03E-06	6.03E-06
251	5	6.13E-06	6.13E-06
252	5	6.23E-06	6.23E-06
253	5	6.17E-06	6.17E-06
254	5	6.10E-06	6.10E-06
255	5	6.02E-06	6.02E-06
256	5	5.96E-06	5.96E-06
257	5	5.91E-06	5.91E-06
258	5	5.85E-06	5.85E-06
259	5	5.77E-06	5.77E-06
260	5	5.69E-06	5.69E-06
261	5	5.79E-06	5.79E-06
262	5	5.93E-06	5.93E-06
263	5	5.86E-06	5.86E-06
264	5	5.79E-06	5.79E-06
265	5	5.72E-06	5.72E-06
266	5	5.66E-06	5.66E-06
267	5	5.61E-06	5.61E-06
268	5	5.56E-06	5.56E-06
269	5	5.50E-06	5.50E-06
270	5	5.64E-06	5.64E-06
271	5	5.58E-06	5.58E-06
272	5	5.51E-06	5.51E-06
273	5	5.44E-06	5.44E-06
274	5	5.39E-06	5.39E-06
275	5	5.34E-06	5.34E-06
276	5	5.29E-06	5.29E-06
277	5	5.78E-06	5.78E-06
278	5	5.96E-06	5.96E-06

Berkley WTPF
SeaWall Unmitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
279	5	5.96E-06	5.96E-06
280	5	5.82E-06	5.82E-06
281	5	5.60E-06	5.60E-06
282	5	5.40E-06	5.40E-06
283	5	5.37E-06	5.37E-06
284	5	5.31E-06	5.31E-06
285	5	5.25E-06	5.25E-06
286	5	5.19E-06	5.19E-06
287	5	5.13E-06	5.13E-06
288	5	5.09E-06	5.09E-06
289	5	5.04E-06	5.04E-06
290	5	5.26E-06	5.26E-06
291	5	5.57E-06	5.57E-06
292	5	5.70E-06	5.70E-06
293	5	5.68E-06	5.68E-06
294	5	5.52E-06	5.52E-06
295	5	5.30E-06	5.30E-06
296	5	5.07E-06	5.07E-06
297	5	4.89E-06	4.89E-06
298	5	4.78E-06	4.78E-06
299	5	4.74E-06	4.74E-06
300	5	4.76E-06	4.76E-06
301	5	5.15E-06	5.15E-06
302	5	5.12E-06	5.12E-06
303	5	5.07E-06	5.07E-06
304	5	5.01E-06	5.01E-06
305	5	4.95E-06	4.95E-06
306	5	4.90E-06	4.90E-06
307	5	4.85E-06	4.85E-06
308	5	5.10E-06	5.10E-06
309	5	5.36E-06	5.36E-06

Berkley WTPF
SeaWall Unmitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
310	5	5.46E-06	5.46E-06
311	5	5.41E-06	5.41E-06
312	5	5.24E-06	5.24E-06
313	5	5.02E-06	5.02E-06
314	5	4.81E-06	4.81E-06
315	5	4.64E-06	4.64E-06
316	5	4.53E-06	4.53E-06
317	5	4.50E-06	4.50E-06
318	5	4.53E-06	4.53E-06
319	5	4.59E-06	4.59E-06
320	5	4.68E-06	4.68E-06
321	5	4.76E-06	4.76E-06
322	5	4.84E-06	4.84E-06
323	5	4.91E-06	4.91E-06
324	5	4.88E-06	4.88E-06
325	5	4.84E-06	4.84E-06
326	5	4.79E-06	4.79E-06
327	5	4.73E-06	4.73E-06
328	5	4.68E-06	4.68E-06
329	5	4.64E-06	4.64E-06
330	5	4.94E-06	4.94E-06
331	5	5.16E-06	5.16E-06
332	5	5.23E-06	5.23E-06
333	5	5.15E-06	5.15E-06
334	5	4.98E-06	4.98E-06
335	5	4.77E-06	4.77E-06
336	5	4.56E-06	4.56E-06
337	5	4.41E-06	4.41E-06
338	5	4.31E-06	4.31E-06
339	5	4.28E-06	4.28E-06
340	5	4.31E-06	4.31E-06

Berkley WTPF
SeaWall Unmitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
341	5	4.37E-06	4.37E-06
342	5	4.45E-06	4.45E-06
343	5	4.54E-06	4.54E-06
344	5	4.61E-06	4.61E-06
345	5	4.66E-06	4.66E-06
346	5	4.69E-06	4.69E-06
347	5	4.69E-06	4.69E-06
348	5	4.67E-06	4.67E-06
349	5	4.63E-06	4.63E-06
350	5	4.58E-06	4.58E-06
351	5	4.53E-06	4.53E-06
352	5	4.48E-06	4.48E-06
353	5	4.79E-06	4.79E-06
354	5	4.97E-06	4.97E-06
355	5	5.01E-06	5.01E-06
356	5	4.91E-06	4.91E-06
357	5	4.74E-06	4.74E-06
358	5	4.53E-06	4.53E-06
359	5	4.34E-06	4.34E-06
360	5	4.19E-06	4.19E-06
361	5	4.10E-06	4.10E-06
362	5	4.08E-06	4.08E-06
363	5	4.10E-06	4.10E-06
364	5	4.16E-06	4.16E-06
365	5	4.24E-06	4.24E-06
366	5	4.33E-06	4.33E-06
367	5	4.40E-06	4.40E-06
368	5	4.45E-06	4.45E-06
369	5	4.48E-06	4.48E-06
370	5	4.49E-06	4.49E-06
371	5	4.47E-06	4.47E-06

Berkley WTPF
SeaWall Unmitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
372	5	4.44E-06	4.44E-06
373	5	4.79E-06	4.79E-06
374	5	4.80E-06	4.80E-06
375	5	4.69E-06	4.69E-06
376	5	4.51E-06	4.51E-06
377	5	4.31E-06	4.31E-06
378	5	4.13E-06	4.13E-06
379	5	3.99E-06	3.99E-06
380	5	3.91E-06	3.91E-06
381	5	3.89E-06	3.89E-06
382	5	3.92E-06	3.92E-06
383	5	3.97E-06	3.97E-06
384	5	4.05E-06	4.05E-06
385	5	4.13E-06	4.13E-06
386	5	4.20E-06	4.20E-06
387	5	4.25E-06	4.25E-06
388	5	4.29E-06	4.29E-06
389	5	4.61E-06	4.61E-06
390	5	4.60E-06	4.60E-06
391	5	4.48E-06	4.48E-06
392	5	4.30E-06	4.30E-06
393	5	4.11E-06	4.11E-06
394	5	3.94E-06	3.94E-06
395	5	3.81E-06	3.81E-06
396	5	3.74E-06	3.74E-06
397	5	3.72E-06	3.72E-06
398	5	3.74E-06	3.74E-06
399	5	3.80E-06	3.80E-06
400	5	3.87E-06	3.87E-06
401	5	3.95E-06	3.95E-06
402	5	4.02E-06	4.02E-06

Berkley WTPF
SeaWall Unmitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
403	5	4.07E-06	4.07E-06
404	5	4.40E-06	4.40E-06
405	5	4.28E-06	4.28E-06
406	5	4.10E-06	4.10E-06
407	5	3.92E-06	3.92E-06
408	5	3.76E-06	3.76E-06
409	5	3.64E-06	3.64E-06
410	5	3.57E-06	3.57E-06
411	5	3.56E-06	3.56E-06
412	5	3.58E-06	3.58E-06
413	5	3.63E-06	3.63E-06
414	5	3.71E-06	3.71E-06
415	5	3.78E-06	3.78E-06
416	5	3.85E-06	3.85E-06
417	5	3.90E-06	3.90E-06
418	5	3.91E-06	3.91E-06
419	5	3.74E-06	3.74E-06
420	5	3.59E-06	3.59E-06
421	5	3.48E-06	3.48E-06
422	5	3.42E-06	3.42E-06
423	5	3.41E-06	3.41E-06
424	5	3.43E-06	3.43E-06
425	5	3.48E-06	3.48E-06
426	5	3.55E-06	3.55E-06
427	5	3.62E-06	3.62E-06
428	5	3.69E-06	3.69E-06
429	5	3.74E-06	3.74E-06
430	5	3.26E-06	3.26E-06
431	5	3.29E-06	3.29E-06
432	5	3.34E-06	3.34E-06
433	5	3.40E-06	3.40E-06

Berkley WTPF
SeaWall Unmitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
434	5	3.48E-06	3.48E-06
435	5	3.54E-06	3.54E-06

Berkley WTPF

Plaza Unmitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
					Residence					
1	5.69529	9.55E-05	5.4E-04	1.05E-03	5.68E-07	2.27E-01	1.57E-01	2.03E-08	1.0E+06	2.0E-02
2	5.38119	9.55E-05	5.1E-04	1.05E-03	5.37E-07	2.27E-01	1.57E-01	1.92E-08	1.0E+06	1.9E-02
3	5.09752	9.55E-05	4.9E-04	1.05E-03	5.09E-07	2.27E-01	1.57E-01	1.82E-08	1.0E+06	1.8E-02
4	4.86555	9.55E-05	4.6E-04	1.05E-03	4.85E-07	2.27E-01	1.57E-01	1.73E-08	1.0E+06	1.7E-02
5	4.64646	9.55E-05	4.4E-04	1.05E-03	4.64E-07	2.27E-01	1.57E-01	1.66E-08	1.0E+06	1.7E-02
6	4.39311	9.55E-05	4.2E-04	1.05E-03	4.38E-07	2.27E-01	1.57E-01	1.57E-08	1.0E+06	1.6E-02
7	4.0953	9.55E-05	3.9E-04	1.05E-03	4.09E-07	2.27E-01	1.57E-01	1.46E-08	1.0E+06	1.5E-02
8	3.77797	9.55E-05	3.6E-04	1.05E-03	3.77E-07	2.27E-01	1.57E-01	1.35E-08	1.0E+06	1.3E-02
9	4.68111	9.55E-05	4.5E-04	1.05E-03	4.67E-07	2.27E-01	1.57E-01	1.67E-08	1.0E+06	1.7E-02
10	4.52909	9.55E-05	4.3E-04	1.05E-03	4.52E-07	2.27E-01	1.57E-01	1.61E-08	1.0E+06	1.6E-02
11	4.30488	9.55E-05	4.1E-04	1.05E-03	4.29E-07	2.27E-01	1.57E-01	1.53E-08	1.0E+06	1.5E-02
12	4.07734	9.55E-05	3.9E-04	1.05E-03	4.07E-07	2.27E-01	1.57E-01	1.45E-08	1.0E+06	1.5E-02
13	3.89477	9.55E-05	3.7E-04	1.05E-03	3.89E-07	2.27E-01	1.57E-01	1.39E-08	1.0E+06	1.4E-02
14	3.75856	9.55E-05	3.6E-04	1.05E-03	3.75E-07	2.27E-01	1.57E-01	1.34E-08	1.0E+06	1.3E-02
15	3.62845	9.55E-05	3.5E-04	1.05E-03	3.62E-07	2.27E-01	1.57E-01	1.29E-08	1.0E+06	1.3E-02
16	3.46803	9.55E-05	3.3E-04	1.05E-03	3.46E-07	2.27E-01	1.57E-01	1.24E-08	1.0E+06	1.2E-02
17	3.26894	9.55E-05	3.1E-04	1.05E-03	3.26E-07	2.27E-01	1.57E-01	1.17E-08	1.0E+06	1.2E-02
18	3.04415	9.55E-05	2.9E-04	1.05E-03	3.04E-07	2.27E-01	1.57E-01	1.09E-08	1.0E+06	1.1E-02
19	2.80953	9.55E-05	2.7E-04	1.05E-03	2.80E-07	2.27E-01	1.57E-01	1.00E-08	1.0E+06	1.0E-02
20	2.58957	9.55E-05	2.5E-04	1.05E-03	2.58E-07	2.27E-01	1.57E-01	9.23E-09	1.0E+06	9.2E-03
21	3.77387	9.55E-05	3.6E-04	1.05E-03	3.77E-07	2.27E-01	1.57E-01	1.35E-08	1.0E+06	1.3E-02
22	3.68703	9.55E-05	3.5E-04	1.05E-03	3.68E-07	2.27E-01	1.57E-01	1.31E-08	1.0E+06	1.3E-02
23	3.53696	9.55E-05	3.4E-04	1.05E-03	3.53E-07	2.27E-01	1.57E-01	1.26E-08	1.0E+06	1.3E-02
24	3.35683	9.55E-05	3.2E-04	1.05E-03	3.35E-07	2.27E-01	1.57E-01	1.20E-08	1.0E+06	1.2E-02
25	3.19191	9.55E-05	3.0E-04	1.05E-03	3.18E-07	2.27E-01	1.57E-01	1.14E-08	1.0E+06	1.1E-02
26	3.07443	9.55E-05	2.9E-04	1.05E-03	3.07E-07	2.27E-01	1.57E-01	1.10E-08	1.0E+06	1.1E-02
27	2.99409	9.55E-05	2.9E-04	1.05E-03	2.99E-07	2.27E-01	1.57E-01	1.07E-08	1.0E+06	1.1E-02
28	2.91515	9.55E-05	2.8E-04	1.05E-03	2.91E-07	2.27E-01	1.57E-01	1.04E-08	1.0E+06	1.0E-02
29	2.80996	9.55E-05	2.7E-04	1.05E-03	2.80E-07	2.27E-01	1.57E-01	1.00E-08	1.0E+06	1.0E-02
30	2.6715	9.55E-05	2.6E-04	1.05E-03	2.67E-07	2.27E-01	1.57E-01	9.52E-09	1.0E+06	9.5E-03

	Max	Receptor #
Res	0.020	1
Park	0.182	488
Total	0.20	1

Berkley WTPF
Plaza Unmitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
31	2.50772	9.55E-05	2.4E-04	1.05E-03	2.50E-07	2.27E-01	1.57E-01	8.94E-09	1.0E+06	8.9E-03
32	2.33301	9.55E-05	2.2E-04	1.05E-03	2.33E-07	2.27E-01	1.57E-01	8.32E-09	1.0E+06	8.3E-03
33	2.16175	9.55E-05	2.1E-04	1.05E-03	2.16E-07	2.27E-01	1.57E-01	7.71E-09	1.0E+06	7.7E-03
34	2.0042	9.55E-05	1.9E-04	1.05E-03	2.00E-07	2.27E-01	1.57E-01	7.15E-09	1.0E+06	7.1E-03
35	1.86517	9.55E-05	1.8E-04	1.05E-03	1.86E-07	2.27E-01	1.57E-01	6.65E-09	1.0E+06	6.6E-03
36	1.74487	9.55E-05	1.7E-04	1.05E-03	1.74E-07	2.27E-01	1.57E-01	6.22E-09	1.0E+06	6.2E-03
37	3.1096	9.55E-05	3.0E-04	1.05E-03	3.10E-07	2.27E-01	1.57E-01	1.11E-08	1.0E+06	1.1E-02
38	3.05455	9.55E-05	2.9E-04	1.05E-03	3.05E-07	2.27E-01	1.57E-01	1.09E-08	1.0E+06	1.1E-02
39	2.95966	9.55E-05	2.8E-04	1.05E-03	2.95E-07	2.27E-01	1.57E-01	1.06E-08	1.0E+06	1.1E-02
40	2.82799	9.55E-05	2.7E-04	1.05E-03	2.82E-07	2.27E-01	1.57E-01	1.01E-08	1.0E+06	1.0E-02
41	2.68352	9.55E-05	2.6E-04	1.05E-03	2.68E-07	2.27E-01	1.57E-01	9.57E-09	1.0E+06	9.6E-03
42	2.56548	9.55E-05	2.4E-04	1.05E-03	2.56E-07	2.27E-01	1.57E-01	9.15E-09	1.0E+06	9.1E-03
43	2.49099	9.55E-05	2.4E-04	1.05E-03	2.49E-07	2.27E-01	1.57E-01	8.88E-09	1.0E+06	8.9E-03
44	2.44384	9.55E-05	2.3E-04	1.05E-03	2.44E-07	2.27E-01	1.57E-01	8.71E-09	1.0E+06	8.7E-03
45	2.3951	9.55E-05	2.3E-04	1.05E-03	2.39E-07	2.27E-01	1.57E-01	8.54E-09	1.0E+06	8.5E-03
46	2.32451	9.55E-05	2.2E-04	1.05E-03	2.32E-07	2.27E-01	1.57E-01	8.29E-09	1.0E+06	8.3E-03
47	2.2262	9.55E-05	2.1E-04	1.05E-03	2.22E-07	2.27E-01	1.57E-01	7.94E-09	1.0E+06	7.9E-03
48	2.10489	9.55E-05	2.0E-04	1.05E-03	2.10E-07	2.27E-01	1.57E-01	7.50E-09	1.0E+06	7.5E-03
49	1.97074	9.55E-05	1.9E-04	1.05E-03	1.97E-07	2.27E-01	1.57E-01	7.03E-09	1.0E+06	7.0E-03
50	1.83513	9.55E-05	1.8E-04	1.05E-03	1.83E-07	2.27E-01	1.57E-01	6.54E-09	1.0E+06	6.5E-03
51	1.70714	9.55E-05	1.6E-04	1.05E-03	1.70E-07	2.27E-01	1.57E-01	6.09E-09	1.0E+06	6.1E-03
52	1.59199	9.55E-05	1.5E-04	1.05E-03	1.59E-07	2.27E-01	1.57E-01	5.68E-09	1.0E+06	5.7E-03
53	1.49102	9.55E-05	1.4E-04	1.05E-03	1.49E-07	2.27E-01	1.57E-01	5.32E-09	1.0E+06	5.3E-03
54	1.40406	9.55E-05	1.3E-04	1.05E-03	1.40E-07	2.27E-01	1.57E-01	5.01E-09	1.0E+06	5.0E-03
55	1.32866	9.55E-05	1.3E-04	1.05E-03	1.33E-07	2.27E-01	1.57E-01	4.74E-09	1.0E+06	4.7E-03
56	2.59325	9.55E-05	2.5E-04	1.05E-03	2.59E-07	2.27E-01	1.57E-01	9.25E-09	1.0E+06	9.2E-03
57	2.60161	9.55E-05	2.5E-04	1.05E-03	2.60E-07	2.27E-01	1.57E-01	9.27E-09	1.0E+06	9.3E-03
58	2.5685	9.55E-05	2.5E-04	1.05E-03	2.56E-07	2.27E-01	1.57E-01	9.16E-09	1.0E+06	9.2E-03
59	2.50877	9.55E-05	2.4E-04	1.05E-03	2.50E-07	2.27E-01	1.57E-01	8.94E-09	1.0E+06	8.9E-03
60	2.42014	9.55E-05	2.3E-04	1.05E-03	2.41E-07	2.27E-01	1.57E-01	8.63E-09	1.0E+06	8.6E-03
61	2.30454	9.55E-05	2.2E-04	1.05E-03	2.30E-07	2.27E-01	1.57E-01	8.22E-09	1.0E+06	8.2E-03

Berkley WTPF

Plaza Unmitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
62	2.19042	9.55E-05	2.1E-04	1.05E-03	2.19E-07	2.27E-01	1.57E-01	7.81E-09	1.0E+06	7.8E-03
63	2.10781	9.55E-05	2.0E-04	1.05E-03	2.10E-07	2.27E-01	1.57E-01	7.51E-09	1.0E+06	7.5E-03
64	2.06163	9.55E-05	2.0E-04	1.05E-03	2.06E-07	2.27E-01	1.57E-01	7.35E-09	1.0E+06	7.3E-03
65	2.03441	9.55E-05	1.9E-04	1.05E-03	2.03E-07	2.27E-01	1.57E-01	7.25E-09	1.0E+06	7.3E-03
66	2.00408	9.55E-05	1.9E-04	1.05E-03	2.00E-07	2.27E-01	1.57E-01	7.14E-09	1.0E+06	7.1E-03
67	1.95597	9.55E-05	1.9E-04	1.05E-03	1.95E-07	2.27E-01	1.57E-01	6.97E-09	1.0E+06	7.0E-03
68	1.88505	9.55E-05	1.8E-04	1.05E-03	1.88E-07	2.27E-01	1.57E-01	6.72E-09	1.0E+06	6.7E-03
69	1.79385	9.55E-05	1.7E-04	1.05E-03	1.79E-07	2.27E-01	1.57E-01	6.40E-09	1.0E+06	6.4E-03
70	1.68954	9.55E-05	1.6E-04	1.05E-03	1.69E-07	2.27E-01	1.57E-01	6.02E-09	1.0E+06	6.0E-03
71	1.58099	9.55E-05	1.5E-04	1.05E-03	1.58E-07	2.27E-01	1.57E-01	5.64E-09	1.0E+06	5.6E-03
72	1.47592	9.55E-05	1.4E-04	1.05E-03	1.47E-07	2.27E-01	1.57E-01	5.26E-09	1.0E+06	5.3E-03
73	1.37934	9.55E-05	1.3E-04	1.05E-03	1.38E-07	2.27E-01	1.57E-01	4.92E-09	1.0E+06	4.9E-03
74	1.29344	9.55E-05	1.2E-04	1.05E-03	1.29E-07	2.27E-01	1.57E-01	4.61E-09	1.0E+06	4.6E-03
75	1.21846	9.55E-05	1.2E-04	1.05E-03	1.22E-07	2.27E-01	1.57E-01	4.34E-09	1.0E+06	4.3E-03
76	2.19475	9.55E-05	2.1E-04	1.05E-03	2.19E-07	2.27E-01	1.57E-01	7.82E-09	1.0E+06	7.8E-03
77	2.21013	9.55E-05	2.1E-04	1.05E-03	2.21E-07	2.27E-01	1.57E-01	7.88E-09	1.0E+06	7.9E-03
78	2.18895	9.55E-05	2.1E-04	1.05E-03	2.18E-07	2.27E-01	1.57E-01	7.80E-09	1.0E+06	7.8E-03
79	2.14889	9.55E-05	2.1E-04	1.05E-03	2.14E-07	2.27E-01	1.57E-01	7.66E-09	1.0E+06	7.7E-03
80	2.09224	9.55E-05	2.0E-04	1.05E-03	2.09E-07	2.27E-01	1.57E-01	7.46E-09	1.0E+06	7.5E-03
81	2.00854	9.55E-05	1.9E-04	1.05E-03	2.00E-07	2.27E-01	1.57E-01	7.16E-09	1.0E+06	7.2E-03
82	1.90835	9.55E-05	1.8E-04	1.05E-03	1.90E-07	2.27E-01	1.57E-01	6.80E-09	1.0E+06	6.8E-03
83	1.82057	9.55E-05	1.7E-04	1.05E-03	1.82E-07	2.27E-01	1.57E-01	6.49E-09	1.0E+06	6.5E-03
84	1.76429	9.55E-05	1.7E-04	1.05E-03	1.76E-07	2.27E-01	1.57E-01	6.29E-09	1.0E+06	6.3E-03
85	1.73653	9.55E-05	1.7E-04	1.05E-03	1.73E-07	2.27E-01	1.57E-01	6.19E-09	1.0E+06	6.2E-03
86	1.72138	9.55E-05	1.6E-04	1.05E-03	1.72E-07	2.27E-01	1.57E-01	6.14E-09	1.0E+06	6.1E-03
87	1.7026	9.55E-05	1.6E-04	1.05E-03	1.70E-07	2.27E-01	1.57E-01	6.07E-09	1.0E+06	6.1E-03
88	1.66951	9.55E-05	1.6E-04	1.05E-03	1.67E-07	2.27E-01	1.57E-01	5.95E-09	1.0E+06	6.0E-03
89	1.61774	9.55E-05	1.5E-04	1.05E-03	1.61E-07	2.27E-01	1.57E-01	5.77E-09	1.0E+06	5.8E-03
90	1.54837	9.55E-05	1.5E-04	1.05E-03	1.54E-07	2.27E-01	1.57E-01	5.52E-09	1.0E+06	5.5E-03
91	1.46641	9.55E-05	1.4E-04	1.05E-03	1.46E-07	2.27E-01	1.57E-01	5.23E-09	1.0E+06	5.2E-03
92	1.37875	9.55E-05	1.3E-04	1.05E-03	1.38E-07	2.27E-01	1.57E-01	4.92E-09	1.0E+06	4.9E-03

Berkley WTPF

Plaza Unmitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
93	1.29185	9.55E-05	1.2E-04	1.05E-03	1.29E-07	2.27E-01	1.57E-01	4.61E-09	1.0E+06	4.6E-03
94	1.21025	9.55E-05	1.2E-04	1.05E-03	1.21E-07	2.27E-01	1.57E-01	4.31E-09	1.0E+06	4.3E-03
95	1.13638	9.55E-05	1.1E-04	1.05E-03	1.13E-07	2.27E-01	1.57E-01	4.05E-09	1.0E+06	4.1E-03
96	1.07101	9.55E-05	1.0E-04	1.05E-03	1.07E-07	2.27E-01	1.57E-01	3.82E-09	1.0E+06	3.8E-03
97	1.01399	9.55E-05	9.7E-05	1.05E-03	1.01E-07	2.27E-01	1.57E-01	3.61E-09	1.0E+06	3.6E-03
98	1.88163	9.55E-05	1.8E-04	1.05E-03	1.88E-07	2.27E-01	1.57E-01	6.71E-09	1.0E+06	6.7E-03
99	1.90164	9.55E-05	1.8E-04	1.05E-03	1.90E-07	2.27E-01	1.57E-01	6.78E-09	1.0E+06	6.8E-03
100	1.88841	9.55E-05	1.8E-04	1.05E-03	1.88E-07	2.27E-01	1.57E-01	6.73E-09	1.0E+06	6.7E-03
101	1.8586	9.55E-05	1.8E-04	1.05E-03	1.85E-07	2.27E-01	1.57E-01	6.63E-09	1.0E+06	6.6E-03
102	1.82196	9.55E-05	1.7E-04	1.05E-03	1.82E-07	2.27E-01	1.57E-01	6.50E-09	1.0E+06	6.5E-03
103	1.76651	9.55E-05	1.7E-04	1.05E-03	1.76E-07	2.27E-01	1.57E-01	6.30E-09	1.0E+06	6.3E-03
104	1.68737	9.55E-05	1.6E-04	1.05E-03	1.68E-07	2.27E-01	1.57E-01	6.02E-09	1.0E+06	6.0E-03
105	1.60296	9.55E-05	1.5E-04	1.05E-03	1.60E-07	2.27E-01	1.57E-01	5.71E-09	1.0E+06	5.7E-03
106	1.53749	9.55E-05	1.5E-04	1.05E-03	1.53E-07	2.27E-01	1.57E-01	5.48E-09	1.0E+06	5.5E-03
107	1.5003	9.55E-05	1.4E-04	1.05E-03	1.50E-07	2.27E-01	1.57E-01	5.35E-09	1.0E+06	5.3E-03
108	1.48439	9.55E-05	1.4E-04	1.05E-03	1.48E-07	2.27E-01	1.57E-01	5.29E-09	1.0E+06	5.3E-03
109	1.47657	9.55E-05	1.4E-04	1.05E-03	1.47E-07	2.27E-01	1.57E-01	5.26E-09	1.0E+06	5.3E-03
110	1.46521	9.55E-05	1.4E-04	1.05E-03	1.46E-07	2.27E-01	1.57E-01	5.22E-09	1.0E+06	5.2E-03
111	1.44243	9.55E-05	1.4E-04	1.05E-03	1.44E-07	2.27E-01	1.57E-01	5.14E-09	1.0E+06	5.1E-03
112	1.40438	9.55E-05	1.3E-04	1.05E-03	1.40E-07	2.27E-01	1.57E-01	5.01E-09	1.0E+06	5.0E-03
113	1.35112	9.55E-05	1.3E-04	1.05E-03	1.35E-07	2.27E-01	1.57E-01	4.82E-09	1.0E+06	4.8E-03
114	1.28611	9.55E-05	1.2E-04	1.05E-03	1.28E-07	2.27E-01	1.57E-01	4.59E-09	1.0E+06	4.6E-03
115	1.21474	9.55E-05	1.2E-04	1.05E-03	1.21E-07	2.27E-01	1.57E-01	4.33E-09	1.0E+06	4.3E-03
116	1.14239	9.55E-05	1.1E-04	1.05E-03	1.14E-07	2.27E-01	1.57E-01	4.07E-09	1.0E+06	4.1E-03
117	1.07312	9.55E-05	1.0E-04	1.05E-03	1.07E-07	2.27E-01	1.57E-01	3.83E-09	1.0E+06	3.8E-03
118	1.0093	9.55E-05	9.6E-05	1.05E-03	1.01E-07	2.27E-01	1.57E-01	3.60E-09	1.0E+06	3.6E-03
119	0.95192	9.55E-05	9.1E-05	1.05E-03	9.50E-08	2.27E-01	1.57E-01	3.39E-09	1.0E+06	3.4E-03
120	0.90116	9.55E-05	8.6E-05	1.05E-03	8.99E-08	2.27E-01	1.57E-01	3.21E-09	1.0E+06	3.2E-03
121	1.59365	9.55E-05	1.5E-04	1.05E-03	1.59E-07	2.27E-01	1.57E-01	5.68E-09	1.0E+06	5.7E-03
122	1.6311	9.55E-05	1.6E-04	1.05E-03	1.63E-07	2.27E-01	1.57E-01	5.82E-09	1.0E+06	5.8E-03
123	1.65406	9.55E-05	1.6E-04	1.05E-03	1.65E-07	2.27E-01	1.57E-01	5.90E-09	1.0E+06	5.9E-03

Berkley WTPF

Plaza Unmitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
124	1.64705	9.55E-05	1.6E-04	1.05E-03	1.64E-07	2.27E-01	1.57E-01	5.87E-09	1.0E+06	5.9E-03
125	1.62291	9.55E-05	1.5E-04	1.05E-03	1.62E-07	2.27E-01	1.57E-01	5.79E-09	1.0E+06	5.8E-03
126	1.59683	9.55E-05	1.5E-04	1.05E-03	1.59E-07	2.27E-01	1.57E-01	5.69E-09	1.0E+06	5.7E-03
127	1.56213	9.55E-05	1.5E-04	1.05E-03	1.56E-07	2.27E-01	1.57E-01	5.57E-09	1.0E+06	5.6E-03
128	1.50577	9.55E-05	1.4E-04	1.05E-03	1.50E-07	2.27E-01	1.57E-01	5.37E-09	1.0E+06	5.4E-03
129	1.43284	9.55E-05	1.4E-04	1.05E-03	1.43E-07	2.27E-01	1.57E-01	5.11E-09	1.0E+06	5.1E-03
130	1.36419	9.55E-05	1.3E-04	1.05E-03	1.36E-07	2.27E-01	1.57E-01	4.86E-09	1.0E+06	4.9E-03
131	1.31688	9.55E-05	1.3E-04	1.05E-03	1.31E-07	2.27E-01	1.57E-01	4.69E-09	1.0E+06	4.7E-03
132	1.29317	9.55E-05	1.2E-04	1.05E-03	1.29E-07	2.27E-01	1.57E-01	4.61E-09	1.0E+06	4.6E-03
133	1.28479	9.55E-05	1.2E-04	1.05E-03	1.28E-07	2.27E-01	1.57E-01	4.58E-09	1.0E+06	4.6E-03
134	1.28147	9.55E-05	1.2E-04	1.05E-03	1.28E-07	2.27E-01	1.57E-01	4.57E-09	1.0E+06	4.6E-03
135	1.275	9.55E-05	1.2E-04	1.05E-03	1.27E-07	2.27E-01	1.57E-01	4.55E-09	1.0E+06	4.5E-03
136	1.25946	9.55E-05	1.2E-04	1.05E-03	1.26E-07	2.27E-01	1.57E-01	4.49E-09	1.0E+06	4.5E-03
137	1.23138	9.55E-05	1.2E-04	1.05E-03	1.23E-07	2.27E-01	1.57E-01	4.39E-09	1.0E+06	4.4E-03
138	1.19017	9.55E-05	1.1E-04	1.05E-03	1.19E-07	2.27E-01	1.57E-01	4.24E-09	1.0E+06	4.2E-03
139	1.13816	9.55E-05	1.1E-04	1.05E-03	1.14E-07	2.27E-01	1.57E-01	4.06E-09	1.0E+06	4.1E-03
140	1.07959	9.55E-05	1.0E-04	1.05E-03	1.08E-07	2.27E-01	1.57E-01	3.85E-09	1.0E+06	3.8E-03
141	1.019	9.55E-05	9.7E-05	1.05E-03	1.02E-07	2.27E-01	1.57E-01	3.63E-09	1.0E+06	3.6E-03
142	0.95996	9.55E-05	9.2E-05	1.05E-03	9.58E-08	2.27E-01	1.57E-01	3.42E-09	1.0E+06	3.4E-03
143	0.90466	9.55E-05	8.6E-05	1.05E-03	9.03E-08	2.27E-01	1.57E-01	3.23E-09	1.0E+06	3.2E-03
144	0.854	9.55E-05	8.2E-05	1.05E-03	8.52E-08	2.27E-01	1.57E-01	3.04E-09	1.0E+06	3.0E-03
145	1.39319	9.55E-05	1.3E-04	1.05E-03	1.39E-07	2.27E-01	1.57E-01	4.97E-09	1.0E+06	5.0E-03
146	1.42753	9.55E-05	1.4E-04	1.05E-03	1.42E-07	2.27E-01	1.57E-01	5.09E-09	1.0E+06	5.1E-03
147	1.45215	9.55E-05	1.4E-04	1.05E-03	1.45E-07	2.27E-01	1.57E-01	5.18E-09	1.0E+06	5.2E-03
148	1.45039	9.55E-05	1.4E-04	1.05E-03	1.45E-07	2.27E-01	1.57E-01	5.17E-09	1.0E+06	5.2E-03
149	1.43023	9.55E-05	1.4E-04	1.05E-03	1.43E-07	2.27E-01	1.57E-01	5.10E-09	1.0E+06	5.1E-03
150	1.40888	9.55E-05	1.3E-04	1.05E-03	1.41E-07	2.27E-01	1.57E-01	5.02E-09	1.0E+06	5.0E-03
151	1.38688	9.55E-05	1.3E-04	1.05E-03	1.38E-07	2.27E-01	1.57E-01	4.94E-09	1.0E+06	4.9E-03
152	1.35038	9.55E-05	1.3E-04	1.05E-03	1.35E-07	2.27E-01	1.57E-01	4.81E-09	1.0E+06	4.8E-03
153	1.29368	9.55E-05	1.2E-04	1.05E-03	1.29E-07	2.27E-01	1.57E-01	4.61E-09	1.0E+06	4.6E-03
154	1.22905	9.55E-05	1.2E-04	1.05E-03	1.23E-07	2.27E-01	1.57E-01	4.38E-09	1.0E+06	4.4E-03

Berkley WTPF

Plaza Unmitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
155	1.17517	9.55E-05	1.1E-04	1.05E-03	1.17E-07	2.27E-01	1.57E-01	4.19E-09	1.0E+06	4.2E-03
156	1.14209	9.55E-05	1.1E-04	1.05E-03	1.14E-07	2.27E-01	1.57E-01	4.07E-09	1.0E+06	4.1E-03
157	1.12771	9.55E-05	1.1E-04	1.05E-03	1.13E-07	2.27E-01	1.57E-01	4.02E-09	1.0E+06	4.0E-03
158	1.12406	9.55E-05	1.1E-04	1.05E-03	1.12E-07	2.27E-01	1.57E-01	4.01E-09	1.0E+06	4.0E-03
159	1.12351	9.55E-05	1.1E-04	1.05E-03	1.12E-07	2.27E-01	1.57E-01	4.01E-09	1.0E+06	4.0E-03
160	1.12028	9.55E-05	1.1E-04	1.05E-03	1.12E-07	2.27E-01	1.57E-01	3.99E-09	1.0E+06	4.0E-03
161	1.10988	9.55E-05	1.1E-04	1.05E-03	1.11E-07	2.27E-01	1.57E-01	3.96E-09	1.0E+06	4.0E-03
162	1.08914	9.55E-05	1.0E-04	1.05E-03	1.09E-07	2.27E-01	1.57E-01	3.88E-09	1.0E+06	3.9E-03
163	1.05708	9.55E-05	1.0E-04	1.05E-03	1.05E-07	2.27E-01	1.57E-01	3.77E-09	1.0E+06	3.8E-03
164	1.01517	9.55E-05	9.7E-05	1.05E-03	1.01E-07	2.27E-01	1.57E-01	3.62E-09	1.0E+06	3.6E-03
165	0.96677	9.55E-05	9.2E-05	1.05E-03	9.65E-08	2.27E-01	1.57E-01	3.45E-09	1.0E+06	3.4E-03
166	0.9157	9.55E-05	8.7E-05	1.05E-03	9.14E-08	2.27E-01	1.57E-01	3.26E-09	1.0E+06	3.3E-03
167	0.86518	9.55E-05	8.3E-05	1.05E-03	8.63E-08	2.27E-01	1.57E-01	3.08E-09	1.0E+06	3.1E-03
168	1.22863	9.55E-05	1.2E-04	1.05E-03	1.23E-07	2.27E-01	1.57E-01	4.38E-09	1.0E+06	4.4E-03
169	1.2599	9.55E-05	1.2E-04	1.05E-03	1.26E-07	2.27E-01	1.57E-01	4.49E-09	1.0E+06	4.5E-03
170	1.28517	9.55E-05	1.2E-04	1.05E-03	1.28E-07	2.27E-01	1.57E-01	4.58E-09	1.0E+06	4.6E-03
171	1.28786	9.55E-05	1.2E-04	1.05E-03	1.28E-07	2.27E-01	1.57E-01	4.59E-09	1.0E+06	4.6E-03
172	1.2713	9.55E-05	1.2E-04	1.05E-03	1.27E-07	2.27E-01	1.57E-01	4.53E-09	1.0E+06	4.5E-03
173	1.25187	9.55E-05	1.2E-04	1.05E-03	1.25E-07	2.27E-01	1.57E-01	4.46E-09	1.0E+06	4.5E-03
174	1.23619	9.55E-05	1.2E-04	1.05E-03	1.23E-07	2.27E-01	1.57E-01	4.41E-09	1.0E+06	4.4E-03
175	1.21418	9.55E-05	1.2E-04	1.05E-03	1.21E-07	2.27E-01	1.57E-01	4.33E-09	1.0E+06	4.3E-03
176	1.17446	9.55E-05	1.1E-04	1.05E-03	1.17E-07	2.27E-01	1.57E-01	4.19E-09	1.0E+06	4.2E-03
177	1.11966	9.55E-05	1.1E-04	1.05E-03	1.12E-07	2.27E-01	1.57E-01	3.99E-09	1.0E+06	4.0E-03
178	1.06467	9.55E-05	1.0E-04	1.05E-03	1.06E-07	2.27E-01	1.57E-01	3.80E-09	1.0E+06	3.8E-03
179	1.0238	9.55E-05	9.8E-05	1.05E-03	1.02E-07	2.27E-01	1.57E-01	3.65E-09	1.0E+06	3.6E-03
180	1.0015	9.55E-05	9.6E-05	1.05E-03	9.99E-08	2.27E-01	1.57E-01	3.57E-09	1.0E+06	3.6E-03
181	0.99343	9.55E-05	9.5E-05	1.05E-03	9.91E-08	2.27E-01	1.57E-01	3.54E-09	1.0E+06	3.5E-03
182	0.9927	9.55E-05	9.5E-05	1.05E-03	9.90E-08	2.27E-01	1.57E-01	3.54E-09	1.0E+06	3.5E-03
183	0.99382	9.55E-05	9.5E-05	1.05E-03	9.92E-08	2.27E-01	1.57E-01	3.54E-09	1.0E+06	3.5E-03
184	0.99274	9.55E-05	9.5E-05	1.05E-03	9.90E-08	2.27E-01	1.57E-01	3.54E-09	1.0E+06	3.5E-03
185	0.98601	9.55E-05	9.4E-05	1.05E-03	9.84E-08	2.27E-01	1.57E-01	3.52E-09	1.0E+06	3.5E-03

Berkley WTPF

Plaza Unmitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
186	0.97078	9.55E-05	9.3E-05	1.05E-03	9.69E-08	2.27E-01	1.57E-01	3.46E-09	1.0E+06	3.5E-03
187	0.94575	9.55E-05	9.0E-05	1.05E-03	9.44E-08	2.27E-01	1.57E-01	3.37E-09	1.0E+06	3.4E-03
188	0.91178	9.55E-05	8.7E-05	1.05E-03	9.10E-08	2.27E-01	1.57E-01	3.25E-09	1.0E+06	3.3E-03
189	0.8715	9.55E-05	8.3E-05	1.05E-03	8.69E-08	2.27E-01	1.57E-01	3.11E-09	1.0E+06	3.1E-03
190	0.82685	9.55E-05	7.9E-05	1.05E-03	8.25E-08	2.27E-01	1.57E-01	2.95E-09	1.0E+06	2.9E-03
191	1.09451	9.55E-05	1.0E-04	1.05E-03	1.09E-07	2.27E-01	1.57E-01	3.90E-09	1.0E+06	3.9E-03
192	1.12037	9.55E-05	1.1E-04	1.05E-03	1.12E-07	2.27E-01	1.57E-01	3.99E-09	1.0E+06	4.0E-03
193	1.14539	9.55E-05	1.1E-04	1.05E-03	1.14E-07	2.27E-01	1.57E-01	4.08E-09	1.0E+06	4.1E-03
194	1.15173	9.55E-05	1.1E-04	1.05E-03	1.15E-07	2.27E-01	1.57E-01	4.11E-09	1.0E+06	4.1E-03
195	1.13881	9.55E-05	1.1E-04	1.05E-03	1.14E-07	2.27E-01	1.57E-01	4.06E-09	1.0E+06	4.1E-03
196	1.12044	9.55E-05	1.1E-04	1.05E-03	1.12E-07	2.27E-01	1.57E-01	3.99E-09	1.0E+06	4.0E-03
197	1.10702	9.55E-05	1.1E-04	1.05E-03	1.10E-07	2.27E-01	1.57E-01	3.95E-09	1.0E+06	3.9E-03
198	1.09389	9.55E-05	1.0E-04	1.05E-03	1.09E-07	2.27E-01	1.57E-01	3.90E-09	1.0E+06	3.9E-03
199	1.06876	9.55E-05	1.0E-04	1.05E-03	1.07E-07	2.27E-01	1.57E-01	3.81E-09	1.0E+06	3.8E-03
200	1.0268	9.55E-05	9.8E-05	1.05E-03	1.02E-07	2.27E-01	1.57E-01	3.66E-09	1.0E+06	3.7E-03
201	0.8868	9.55E-05	8.5E-05	1.05E-03	8.85E-08	2.27E-01	1.57E-01	3.16E-09	1.0E+06	3.2E-03
202	0.8829	9.55E-05	8.4E-05	1.05E-03	8.81E-08	2.27E-01	1.57E-01	3.15E-09	1.0E+06	3.1E-03
203	0.88391	9.55E-05	8.4E-05	1.05E-03	8.82E-08	2.27E-01	1.57E-01	3.15E-09	1.0E+06	3.2E-03
204	0.88598	9.55E-05	8.5E-05	1.05E-03	8.84E-08	2.27E-01	1.57E-01	3.16E-09	1.0E+06	3.2E-03
205	0.88635	9.55E-05	8.5E-05	1.05E-03	8.84E-08	2.27E-01	1.57E-01	3.16E-09	1.0E+06	3.2E-03
206	0.8823	9.55E-05	8.4E-05	1.05E-03	8.80E-08	2.27E-01	1.57E-01	3.15E-09	1.0E+06	3.1E-03
207	0.87123	9.55E-05	8.3E-05	1.05E-03	8.69E-08	2.27E-01	1.57E-01	3.11E-09	1.0E+06	3.1E-03
208	0.85167	9.55E-05	8.1E-05	1.05E-03	8.50E-08	2.27E-01	1.57E-01	3.04E-09	1.0E+06	3.0E-03
209	0.824	9.55E-05	7.9E-05	1.05E-03	8.22E-08	2.27E-01	1.57E-01	2.94E-09	1.0E+06	2.9E-03
210	0.78727	9.55E-05	7.5E-05	1.05E-03	7.85E-08	2.27E-01	1.57E-01	2.81E-09	1.0E+06	2.8E-03
211	0.98016	9.55E-05	9.4E-05	1.05E-03	9.78E-08	2.27E-01	1.57E-01	3.49E-09	1.0E+06	3.5E-03
212	1.0026	9.55E-05	9.6E-05	1.05E-03	1.00E-07	2.27E-01	1.57E-01	3.57E-09	1.0E+06	3.6E-03
213	1.02718	9.55E-05	9.8E-05	1.05E-03	1.02E-07	2.27E-01	1.57E-01	3.66E-09	1.0E+06	3.7E-03
214	1.03635	9.55E-05	9.9E-05	1.05E-03	1.03E-07	2.27E-01	1.57E-01	3.69E-09	1.0E+06	3.7E-03
215	1.0271	9.55E-05	9.8E-05	1.05E-03	1.02E-07	2.27E-01	1.57E-01	3.66E-09	1.0E+06	3.7E-03
216	1.0099	9.55E-05	9.6E-05	1.05E-03	1.01E-07	2.27E-01	1.57E-01	3.60E-09	1.0E+06	3.6E-03

Berkley WTPF

Plaza Unmitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
217	0.99668	9.55E-05	9.5E-05	1.05E-03	9.94E-08	2.27E-01	1.57E-01	3.55E-09	1.0E+06	3.6E-03
218	0.98789	9.55E-05	9.4E-05	1.05E-03	9.86E-08	2.27E-01	1.57E-01	3.52E-09	1.0E+06	3.5E-03
219	0.97342	9.55E-05	9.3E-05	1.05E-03	9.71E-08	2.27E-01	1.57E-01	3.47E-09	1.0E+06	3.5E-03
220	0.79074	9.55E-05	7.5E-05	1.05E-03	7.89E-08	2.27E-01	1.57E-01	2.82E-09	1.0E+06	2.8E-03
221	0.79274	9.55E-05	7.6E-05	1.05E-03	7.91E-08	2.27E-01	1.57E-01	2.83E-09	1.0E+06	2.8E-03
222	0.79535	9.55E-05	7.6E-05	1.05E-03	7.94E-08	2.27E-01	1.57E-01	2.84E-09	1.0E+06	2.8E-03
223	0.79668	9.55E-05	7.6E-05	1.05E-03	7.95E-08	2.27E-01	1.57E-01	2.84E-09	1.0E+06	2.8E-03
224	0.79458	9.55E-05	7.6E-05	1.05E-03	7.93E-08	2.27E-01	1.57E-01	2.83E-09	1.0E+06	2.8E-03
225	0.78669	9.55E-05	7.5E-05	1.05E-03	7.85E-08	2.27E-01	1.57E-01	2.80E-09	1.0E+06	2.8E-03
226	0.77147	9.55E-05	7.4E-05	1.05E-03	7.70E-08	2.27E-01	1.57E-01	2.75E-09	1.0E+06	2.8E-03
227	0.88505	9.55E-05	8.4E-05	1.05E-03	8.83E-08	2.27E-01	1.57E-01	3.16E-09	1.0E+06	3.2E-03
228	0.88231	9.55E-05	8.4E-05	1.05E-03	8.80E-08	2.27E-01	1.57E-01	3.15E-09	1.0E+06	3.1E-03
229	0.90278	9.55E-05	8.6E-05	1.05E-03	9.01E-08	2.27E-01	1.57E-01	3.22E-09	1.0E+06	3.2E-03
230	0.92633	9.55E-05	8.8E-05	1.05E-03	9.24E-08	2.27E-01	1.57E-01	3.30E-09	1.0E+06	3.3E-03
231	0.93757	9.55E-05	8.9E-05	1.05E-03	9.35E-08	2.27E-01	1.57E-01	3.34E-09	1.0E+06	3.3E-03
232	0.93183	9.55E-05	8.9E-05	1.05E-03	9.30E-08	2.27E-01	1.57E-01	3.32E-09	1.0E+06	3.3E-03
233	0.91625	9.55E-05	8.7E-05	1.05E-03	9.14E-08	2.27E-01	1.57E-01	3.27E-09	1.0E+06	3.3E-03
234	0.90257	9.55E-05	8.6E-05	1.05E-03	9.00E-08	2.27E-01	1.57E-01	3.22E-09	1.0E+06	3.2E-03
235	0.89507	9.55E-05	8.5E-05	1.05E-03	8.93E-08	2.27E-01	1.57E-01	3.19E-09	1.0E+06	3.2E-03
236	0.88721	9.55E-05	8.5E-05	1.05E-03	8.85E-08	2.27E-01	1.57E-01	3.16E-09	1.0E+06	3.2E-03
237	0.71738	9.55E-05	6.8E-05	1.05E-03	7.16E-08	2.27E-01	1.57E-01	2.56E-09	1.0E+06	2.6E-03
238	0.71258	9.55E-05	6.8E-05	1.05E-03	7.11E-08	2.27E-01	1.57E-01	2.54E-09	1.0E+06	2.5E-03
239	0.71304	9.55E-05	6.8E-05	1.05E-03	7.11E-08	2.27E-01	1.57E-01	2.54E-09	1.0E+06	2.5E-03
240	0.71555	9.55E-05	6.8E-05	1.05E-03	7.14E-08	2.27E-01	1.57E-01	2.55E-09	1.0E+06	2.6E-03
241	0.71843	9.55E-05	6.9E-05	1.05E-03	7.17E-08	2.27E-01	1.57E-01	2.56E-09	1.0E+06	2.6E-03
242	0.7204	9.55E-05	6.9E-05	1.05E-03	7.19E-08	2.27E-01	1.57E-01	2.57E-09	1.0E+06	2.6E-03
243	0.71982	9.55E-05	6.9E-05	1.05E-03	7.18E-08	2.27E-01	1.57E-01	2.57E-09	1.0E+06	2.6E-03
244	0.71386	9.55E-05	6.8E-05	1.05E-03	7.12E-08	2.27E-01	1.57E-01	2.54E-09	1.0E+06	2.5E-03
245	0.81733	9.55E-05	7.8E-05	1.05E-03	8.15E-08	2.27E-01	1.57E-01	2.91E-09	1.0E+06	2.9E-03
246	0.83962	9.55E-05	8.0E-05	1.05E-03	8.38E-08	2.27E-01	1.57E-01	2.99E-09	1.0E+06	3.0E-03
247	0.85225	9.55E-05	8.1E-05	1.05E-03	8.50E-08	2.27E-01	1.57E-01	3.04E-09	1.0E+06	3.0E-03

Berkley WTPF

Plaza Unmitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
248	0.8497	9.55E-05	8.1E-05	1.05E-03	8.48E-08	2.27E-01	1.57E-01	3.03E-09	1.0E+06	3.0E-03
249	0.8362	9.55E-05	8.0E-05	1.05E-03	8.34E-08	2.27E-01	1.57E-01	2.98E-09	1.0E+06	3.0E-03
250	0.82215	9.55E-05	7.8E-05	1.05E-03	8.20E-08	2.27E-01	1.57E-01	2.93E-09	1.0E+06	2.9E-03
251	0.81427	9.55E-05	7.8E-05	1.05E-03	8.12E-08	2.27E-01	1.57E-01	2.90E-09	1.0E+06	2.9E-03
252	0.8097	9.55E-05	7.7E-05	1.05E-03	8.08E-08	2.27E-01	1.57E-01	2.89E-09	1.0E+06	2.9E-03
253	0.65695	9.55E-05	6.3E-05	1.05E-03	6.55E-08	2.27E-01	1.57E-01	2.34E-09	1.0E+06	2.3E-03
254	0.6475	9.55E-05	6.2E-05	1.05E-03	6.46E-08	2.27E-01	1.57E-01	2.31E-09	1.0E+06	2.3E-03
255	0.64539	9.55E-05	6.2E-05	1.05E-03	6.44E-08	2.27E-01	1.57E-01	2.30E-09	1.0E+06	2.3E-03
256	0.64686	9.55E-05	6.2E-05	1.05E-03	6.45E-08	2.27E-01	1.57E-01	2.31E-09	1.0E+06	2.3E-03
257	0.6496	9.55E-05	6.2E-05	1.05E-03	6.48E-08	2.27E-01	1.57E-01	2.32E-09	1.0E+06	2.3E-03
258	0.65257	9.55E-05	6.2E-05	1.05E-03	6.51E-08	2.27E-01	1.57E-01	2.33E-09	1.0E+06	2.3E-03
259	0.65499	9.55E-05	6.3E-05	1.05E-03	6.53E-08	2.27E-01	1.57E-01	2.34E-09	1.0E+06	2.3E-03
260	0.75313	9.55E-05	7.2E-05	1.05E-03	7.51E-08	2.27E-01	1.57E-01	2.68E-09	1.0E+06	2.7E-03
261	0.74421	9.55E-05	7.1E-05	1.05E-03	7.42E-08	2.27E-01	1.57E-01	2.65E-09	1.0E+06	2.7E-03
262	0.63332	9.55E-05	6.0E-05	1.05E-03	6.32E-08	2.27E-01	1.57E-01	2.26E-09	1.0E+06	2.3E-03
263	0.60853	9.55E-05	5.8E-05	1.05E-03	6.07E-08	2.27E-01	1.57E-01	2.17E-09	1.0E+06	2.2E-03
264	0.594	9.55E-05	5.7E-05	1.05E-03	5.93E-08	2.27E-01	1.57E-01	2.12E-09	1.0E+06	2.1E-03
265	0.58828	9.55E-05	5.6E-05	1.05E-03	5.87E-08	2.27E-01	1.57E-01	2.10E-09	1.0E+06	2.1E-03
266	0.58795	9.55E-05	5.6E-05	1.05E-03	5.87E-08	2.27E-01	1.57E-01	2.10E-09	1.0E+06	2.1E-03
267	0.59	9.55E-05	5.6E-05	1.05E-03	5.89E-08	2.27E-01	1.57E-01	2.10E-09	1.0E+06	2.1E-03
268	0.5928	9.55E-05	5.7E-05	1.05E-03	5.91E-08	2.27E-01	1.57E-01	2.11E-09	1.0E+06	2.1E-03
269	0.5955	9.55E-05	5.7E-05	1.05E-03	5.94E-08	2.27E-01	1.57E-01	2.12E-09	1.0E+06	2.1E-03
270	0.59709	9.55E-05	5.7E-05	1.05E-03	5.96E-08	2.27E-01	1.57E-01	2.13E-09	1.0E+06	2.1E-03
271	0.56982	9.55E-05	5.4E-05	1.05E-03	5.68E-08	2.27E-01	1.57E-01	2.03E-09	1.0E+06	2.0E-03
272	0.55067	9.55E-05	5.3E-05	1.05E-03	5.49E-08	2.27E-01	1.57E-01	1.96E-09	1.0E+06	2.0E-03
273	0.54064	9.55E-05	5.2E-05	1.05E-03	5.39E-08	2.27E-01	1.57E-01	1.93E-09	1.0E+06	1.9E-03
274	0.5376	9.55E-05	5.1E-05	1.05E-03	5.36E-08	2.27E-01	1.57E-01	1.92E-09	1.0E+06	1.9E-03
275	0.53842	9.55E-05	5.1E-05	1.05E-03	5.37E-08	2.27E-01	1.57E-01	1.92E-09	1.0E+06	1.9E-03
276	0.54069	9.55E-05	5.2E-05	1.05E-03	5.39E-08	2.27E-01	1.57E-01	1.93E-09	1.0E+06	1.9E-03
277	0.709	9.55E-05	6.8E-05	1.05E-03	7.07E-08	2.27E-01	1.57E-01	2.53E-09	1.0E+06	2.5E-03
278	0.66982	9.55E-05	6.4E-05	1.05E-03	6.68E-08	2.27E-01	1.57E-01	2.39E-09	1.0E+06	2.4E-03

Berkley WTPF

Plaza Unmitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
279	0.63113	9.55E-05	6.0E-05	1.05E-03	6.30E-08	2.27E-01	1.57E-01	2.25E-09	1.0E+06	2.3E-03
280	0.60994	9.55E-05	5.8E-05	1.05E-03	6.09E-08	2.27E-01	1.57E-01	2.17E-09	1.0E+06	2.2E-03
281	0.60967	9.55E-05	5.8E-05	1.05E-03	6.08E-08	2.27E-01	1.57E-01	2.17E-09	1.0E+06	2.2E-03
282	0.59207	9.55E-05	5.7E-05	1.05E-03	5.91E-08	2.27E-01	1.57E-01	2.11E-09	1.0E+06	2.1E-03
283	0.56571	9.55E-05	5.4E-05	1.05E-03	5.64E-08	2.27E-01	1.57E-01	2.02E-09	1.0E+06	2.0E-03
284	0.53835	9.55E-05	5.1E-05	1.05E-03	5.37E-08	2.27E-01	1.57E-01	1.92E-09	1.0E+06	1.9E-03
285	0.51592	9.55E-05	4.9E-05	1.05E-03	5.15E-08	2.27E-01	1.57E-01	1.84E-09	1.0E+06	1.8E-03
286	0.50157	9.55E-05	4.8E-05	1.05E-03	5.00E-08	2.27E-01	1.57E-01	1.79E-09	1.0E+06	1.8E-03
287	0.495	9.55E-05	4.7E-05	1.05E-03	4.94E-08	2.27E-01	1.57E-01	1.76E-09	1.0E+06	1.8E-03
288	0.49383	9.55E-05	4.7E-05	1.05E-03	4.93E-08	2.27E-01	1.57E-01	1.76E-09	1.0E+06	1.8E-03
289	0.49472	9.55E-05	4.7E-05	1.05E-03	4.94E-08	2.27E-01	1.57E-01	1.76E-09	1.0E+06	1.8E-03
290	0.67039	9.55E-05	6.4E-05	1.05E-03	6.69E-08	2.27E-01	1.57E-01	2.39E-09	1.0E+06	2.4E-03
291	0.65301	9.55E-05	6.2E-05	1.05E-03	6.51E-08	2.27E-01	1.57E-01	2.33E-09	1.0E+06	2.3E-03
292	0.61512	9.55E-05	5.9E-05	1.05E-03	6.14E-08	2.27E-01	1.57E-01	2.19E-09	1.0E+06	2.2E-03
293	0.5803	9.55E-05	5.5E-05	1.05E-03	5.79E-08	2.27E-01	1.57E-01	2.07E-09	1.0E+06	2.1E-03
294	0.56177	9.55E-05	5.4E-05	1.05E-03	5.60E-08	2.27E-01	1.57E-01	2.00E-09	1.0E+06	2.0E-03
295	0.56181	9.55E-05	5.4E-05	1.05E-03	5.61E-08	2.27E-01	1.57E-01	2.00E-09	1.0E+06	2.0E-03
296	0.57475	9.55E-05	5.5E-05	1.05E-03	5.73E-08	2.27E-01	1.57E-01	2.05E-09	1.0E+06	2.0E-03
297	0.59165	9.55E-05	5.6E-05	1.05E-03	5.90E-08	2.27E-01	1.57E-01	2.11E-09	1.0E+06	2.1E-03
298	0.60523	9.55E-05	5.8E-05	1.05E-03	6.04E-08	2.27E-01	1.57E-01	2.16E-09	1.0E+06	2.2E-03
299	0.61092	9.55E-05	5.8E-05	1.05E-03	6.10E-08	2.27E-01	1.57E-01	2.18E-09	1.0E+06	2.2E-03
300	0.60696	9.55E-05	5.8E-05	1.05E-03	6.06E-08	2.27E-01	1.57E-01	2.16E-09	1.0E+06	2.2E-03
301	0.5582	9.55E-05	5.3E-05	1.05E-03	5.57E-08	2.27E-01	1.57E-01	1.99E-09	1.0E+06	2.0E-03
302	0.53708	9.55E-05	5.1E-05	1.05E-03	5.36E-08	2.27E-01	1.57E-01	1.91E-09	1.0E+06	1.9E-03
303	0.51177	9.55E-05	4.9E-05	1.05E-03	5.11E-08	2.27E-01	1.57E-01	1.82E-09	1.0E+06	1.8E-03
304	0.48792	9.55E-05	4.7E-05	1.05E-03	4.87E-08	2.27E-01	1.57E-01	1.74E-09	1.0E+06	1.7E-03
305	0.46999	9.55E-05	4.5E-05	1.05E-03	4.69E-08	2.27E-01	1.57E-01	1.68E-09	1.0E+06	1.7E-03
306	0.45958	9.55E-05	4.4E-05	1.05E-03	4.59E-08	2.27E-01	1.57E-01	1.64E-09	1.0E+06	1.6E-03
307	0.4556	9.55E-05	4.3E-05	1.05E-03	4.55E-08	2.27E-01	1.57E-01	1.62E-09	1.0E+06	1.6E-03
308	0.62436	9.55E-05	6.0E-05	1.05E-03	6.23E-08	2.27E-01	1.57E-01	2.23E-09	1.0E+06	2.2E-03
309	0.60295	9.55E-05	5.8E-05	1.05E-03	6.02E-08	2.27E-01	1.57E-01	2.15E-09	1.0E+06	2.1E-03

Berkley WTPF

Plaza Unmitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
310	0.56681	9.55E-05	5.4E-05	1.05E-03	5.65E-08	2.27E-01	1.57E-01	2.02E-09	1.0E+06	2.0E-03
311	0.53553	9.55E-05	5.1E-05	1.05E-03	5.34E-08	2.27E-01	1.57E-01	1.91E-09	1.0E+06	1.9E-03
312	0.51927	9.55E-05	5.0E-05	1.05E-03	5.18E-08	2.27E-01	1.57E-01	1.85E-09	1.0E+06	1.9E-03
313	0.51956	9.55E-05	5.0E-05	1.05E-03	5.18E-08	2.27E-01	1.57E-01	1.85E-09	1.0E+06	1.9E-03
314	0.53143	9.55E-05	5.1E-05	1.05E-03	5.30E-08	2.27E-01	1.57E-01	1.89E-09	1.0E+06	1.9E-03
315	0.54713	9.55E-05	5.2E-05	1.05E-03	5.46E-08	2.27E-01	1.57E-01	1.95E-09	1.0E+06	2.0E-03
316	0.56031	9.55E-05	5.3E-05	1.05E-03	5.59E-08	2.27E-01	1.57E-01	2.00E-09	1.0E+06	2.0E-03
317	0.56696	9.55E-05	5.4E-05	1.05E-03	5.66E-08	2.27E-01	1.57E-01	2.02E-09	1.0E+06	2.0E-03
318	0.56502	9.55E-05	5.4E-05	1.05E-03	5.64E-08	2.27E-01	1.57E-01	2.01E-09	1.0E+06	2.0E-03
319	0.55588	9.55E-05	5.3E-05	1.05E-03	5.55E-08	2.27E-01	1.57E-01	1.98E-09	1.0E+06	2.0E-03
320	0.54482	9.55E-05	5.2E-05	1.05E-03	5.44E-08	2.27E-01	1.57E-01	1.94E-09	1.0E+06	1.9E-03
321	0.53731	9.55E-05	5.1E-05	1.05E-03	5.36E-08	2.27E-01	1.57E-01	1.92E-09	1.0E+06	1.9E-03
322	0.53497	9.55E-05	5.1E-05	1.05E-03	5.34E-08	2.27E-01	1.57E-01	1.91E-09	1.0E+06	1.9E-03
323	0.52541	9.55E-05	5.0E-05	1.05E-03	5.24E-08	2.27E-01	1.57E-01	1.87E-09	1.0E+06	1.9E-03
324	0.50982	9.55E-05	4.9E-05	1.05E-03	5.09E-08	2.27E-01	1.57E-01	1.82E-09	1.0E+06	1.8E-03
325	0.48815	9.55E-05	4.7E-05	1.05E-03	4.87E-08	2.27E-01	1.57E-01	1.74E-09	1.0E+06	1.7E-03
326	0.46478	9.55E-05	4.4E-05	1.05E-03	4.64E-08	2.27E-01	1.57E-01	1.66E-09	1.0E+06	1.7E-03
327	0.4446	9.55E-05	4.2E-05	1.05E-03	4.44E-08	2.27E-01	1.57E-01	1.59E-09	1.0E+06	1.6E-03
328	0.43065	9.55E-05	4.1E-05	1.05E-03	4.30E-08	2.27E-01	1.57E-01	1.54E-09	1.0E+06	1.5E-03
329	0.42338	9.55E-05	4.0E-05	1.05E-03	4.22E-08	2.27E-01	1.57E-01	1.51E-09	1.0E+06	1.5E-03
330	0.58197	9.55E-05	5.6E-05	1.05E-03	5.81E-08	2.27E-01	1.57E-01	2.07E-09	1.0E+06	2.1E-03
331	0.55802	9.55E-05	5.3E-05	1.05E-03	5.57E-08	2.27E-01	1.57E-01	1.99E-09	1.0E+06	2.0E-03
332	0.52397	9.55E-05	5.0E-05	1.05E-03	5.23E-08	2.27E-01	1.57E-01	1.87E-09	1.0E+06	1.9E-03
333	0.4959	9.55E-05	4.7E-05	1.05E-03	4.95E-08	2.27E-01	1.57E-01	1.77E-09	1.0E+06	1.8E-03
334	0.48161	9.55E-05	4.6E-05	1.05E-03	4.80E-08	2.27E-01	1.57E-01	1.72E-09	1.0E+06	1.7E-03
335	0.48209	9.55E-05	4.6E-05	1.05E-03	4.81E-08	2.27E-01	1.57E-01	1.72E-09	1.0E+06	1.7E-03
336	0.49301	9.55E-05	4.7E-05	1.05E-03	4.92E-08	2.27E-01	1.57E-01	1.76E-09	1.0E+06	1.8E-03
337	0.50759	9.55E-05	4.8E-05	1.05E-03	5.06E-08	2.27E-01	1.57E-01	1.81E-09	1.0E+06	1.8E-03
338	0.52026	9.55E-05	5.0E-05	1.05E-03	5.19E-08	2.27E-01	1.57E-01	1.85E-09	1.0E+06	1.9E-03
339	0.52756	9.55E-05	5.0E-05	1.05E-03	5.26E-08	2.27E-01	1.57E-01	1.88E-09	1.0E+06	1.9E-03
340	0.52733	9.55E-05	5.0E-05	1.05E-03	5.26E-08	2.27E-01	1.57E-01	1.88E-09	1.0E+06	1.9E-03

Berkley WTPF

Plaza Unmitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
341	0.51995	9.55E-05	5.0E-05	1.05E-03	5.19E-08	2.27E-01	1.57E-01	1.85E-09	1.0E+06	1.9E-03
342	0.5094	9.55E-05	4.9E-05	1.05E-03	5.08E-08	2.27E-01	1.57E-01	1.82E-09	1.0E+06	1.8E-03
343	0.50102	9.55E-05	4.8E-05	1.05E-03	5.00E-08	2.27E-01	1.57E-01	1.79E-09	1.0E+06	1.8E-03
344	0.49752	9.55E-05	4.7E-05	1.05E-03	4.96E-08	2.27E-01	1.57E-01	1.77E-09	1.0E+06	1.8E-03
345	0.49762	9.55E-05	4.7E-05	1.05E-03	4.96E-08	2.27E-01	1.57E-01	1.77E-09	1.0E+06	1.8E-03
346	0.49766	9.55E-05	4.8E-05	1.05E-03	4.97E-08	2.27E-01	1.57E-01	1.77E-09	1.0E+06	1.8E-03
347	0.49375	9.55E-05	4.7E-05	1.05E-03	4.93E-08	2.27E-01	1.57E-01	1.76E-09	1.0E+06	1.8E-03
348	0.48326	9.55E-05	4.6E-05	1.05E-03	4.82E-08	2.27E-01	1.57E-01	1.72E-09	1.0E+06	1.7E-03
349	0.46604	9.55E-05	4.4E-05	1.05E-03	4.65E-08	2.27E-01	1.57E-01	1.66E-09	1.0E+06	1.7E-03
350	0.4448	9.55E-05	4.2E-05	1.05E-03	4.44E-08	2.27E-01	1.57E-01	1.59E-09	1.0E+06	1.6E-03
351	0.42397	9.55E-05	4.0E-05	1.05E-03	4.23E-08	2.27E-01	1.57E-01	1.51E-09	1.0E+06	1.5E-03
352	0.4073	9.55E-05	3.9E-05	1.05E-03	4.06E-08	2.27E-01	1.57E-01	1.45E-09	1.0E+06	1.5E-03
353	0.54299	9.55E-05	5.2E-05	1.05E-03	5.42E-08	2.27E-01	1.57E-01	1.94E-09	1.0E+06	1.9E-03
354	0.51763	9.55E-05	4.9E-05	1.05E-03	5.16E-08	2.27E-01	1.57E-01	1.85E-09	1.0E+06	1.8E-03
355	0.48584	9.55E-05	4.6E-05	1.05E-03	4.85E-08	2.27E-01	1.57E-01	1.73E-09	1.0E+06	1.7E-03
356	0.46066	9.55E-05	4.4E-05	1.05E-03	4.60E-08	2.27E-01	1.57E-01	1.64E-09	1.0E+06	1.6E-03
357	0.44806	9.55E-05	4.3E-05	1.05E-03	4.47E-08	2.27E-01	1.57E-01	1.60E-09	1.0E+06	1.6E-03
358	0.44869	9.55E-05	4.3E-05	1.05E-03	4.48E-08	2.27E-01	1.57E-01	1.60E-09	1.0E+06	1.6E-03
359	0.45877	9.55E-05	4.4E-05	1.05E-03	4.58E-08	2.27E-01	1.57E-01	1.64E-09	1.0E+06	1.6E-03
360	0.47231	9.55E-05	4.5E-05	1.05E-03	4.71E-08	2.27E-01	1.57E-01	1.68E-09	1.0E+06	1.7E-03
361	0.48443	9.55E-05	4.6E-05	1.05E-03	4.83E-08	2.27E-01	1.57E-01	1.73E-09	1.0E+06	1.7E-03
362	0.4921	9.55E-05	4.7E-05	1.05E-03	4.91E-08	2.27E-01	1.57E-01	1.75E-09	1.0E+06	1.8E-03
363	0.4933	9.55E-05	4.7E-05	1.05E-03	4.92E-08	2.27E-01	1.57E-01	1.76E-09	1.0E+06	1.8E-03
364	0.48764	9.55E-05	4.7E-05	1.05E-03	4.87E-08	2.27E-01	1.57E-01	1.74E-09	1.0E+06	1.7E-03
365	0.47794	9.55E-05	4.6E-05	1.05E-03	4.77E-08	2.27E-01	1.57E-01	1.70E-09	1.0E+06	1.7E-03
366	0.46904	9.55E-05	4.5E-05	1.05E-03	4.68E-08	2.27E-01	1.57E-01	1.67E-09	1.0E+06	1.7E-03
367	0.46436	9.55E-05	4.4E-05	1.05E-03	4.63E-08	2.27E-01	1.57E-01	1.66E-09	1.0E+06	1.7E-03
368	0.46383	9.55E-05	4.4E-05	1.05E-03	4.63E-08	2.27E-01	1.57E-01	1.65E-09	1.0E+06	1.7E-03
369	0.4647	9.55E-05	4.4E-05	1.05E-03	4.64E-08	2.27E-01	1.57E-01	1.66E-09	1.0E+06	1.7E-03
370	0.46349	9.55E-05	4.4E-05	1.05E-03	4.62E-08	2.27E-01	1.57E-01	1.65E-09	1.0E+06	1.7E-03
371	0.45724	9.55E-05	4.4E-05	1.05E-03	4.56E-08	2.27E-01	1.57E-01	1.63E-09	1.0E+06	1.6E-03

Berkley WTPF

Plaza Unmitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
372	0.44459	9.55E-05	4.2E-05	1.05E-03	4.44E-08	2.27E-01	1.57E-01	1.59E-09	1.0E+06	1.6E-03
373	0.48126	9.55E-05	4.6E-05	1.05E-03	4.80E-08	2.27E-01	1.57E-01	1.72E-09	1.0E+06	1.7E-03
374	0.45179	9.55E-05	4.3E-05	1.05E-03	4.51E-08	2.27E-01	1.57E-01	1.61E-09	1.0E+06	1.6E-03
375	0.42919	9.55E-05	4.1E-05	1.05E-03	4.28E-08	2.27E-01	1.57E-01	1.53E-09	1.0E+06	1.5E-03
376	0.41805	9.55E-05	4.0E-05	1.05E-03	4.17E-08	2.27E-01	1.57E-01	1.49E-09	1.0E+06	1.5E-03
377	0.41879	9.55E-05	4.0E-05	1.05E-03	4.18E-08	2.27E-01	1.57E-01	1.49E-09	1.0E+06	1.5E-03
378	0.42811	9.55E-05	4.1E-05	1.05E-03	4.27E-08	2.27E-01	1.57E-01	1.53E-09	1.0E+06	1.5E-03
379	0.44071	9.55E-05	4.2E-05	1.05E-03	4.40E-08	2.27E-01	1.57E-01	1.57E-09	1.0E+06	1.6E-03
380	0.45224	9.55E-05	4.3E-05	1.05E-03	4.51E-08	2.27E-01	1.57E-01	1.61E-09	1.0E+06	1.6E-03
381	0.4601	9.55E-05	4.4E-05	1.05E-03	4.59E-08	2.27E-01	1.57E-01	1.64E-09	1.0E+06	1.6E-03
382	0.46243	9.55E-05	4.4E-05	1.05E-03	4.61E-08	2.27E-01	1.57E-01	1.65E-09	1.0E+06	1.6E-03
383	0.45841	9.55E-05	4.4E-05	1.05E-03	4.57E-08	2.27E-01	1.57E-01	1.63E-09	1.0E+06	1.6E-03
384	0.44979	9.55E-05	4.3E-05	1.05E-03	4.49E-08	2.27E-01	1.57E-01	1.60E-09	1.0E+06	1.6E-03
385	0.44073	9.55E-05	4.2E-05	1.05E-03	4.40E-08	2.27E-01	1.57E-01	1.57E-09	1.0E+06	1.6E-03
386	0.435	9.55E-05	4.2E-05	1.05E-03	4.34E-08	2.27E-01	1.57E-01	1.55E-09	1.0E+06	1.6E-03
387	0.43354	9.55E-05	4.1E-05	1.05E-03	4.33E-08	2.27E-01	1.57E-01	1.55E-09	1.0E+06	1.5E-03
388	0.43455	9.55E-05	4.1E-05	1.05E-03	4.34E-08	2.27E-01	1.57E-01	1.55E-09	1.0E+06	1.5E-03
389	0.44856	9.55E-05	4.3E-05	1.05E-03	4.48E-08	2.27E-01	1.57E-01	1.60E-09	1.0E+06	1.6E-03
390	0.42134	9.55E-05	4.0E-05	1.05E-03	4.20E-08	2.27E-01	1.57E-01	1.50E-09	1.0E+06	1.5E-03
391	0.40103	9.55E-05	3.8E-05	1.05E-03	4.00E-08	2.27E-01	1.57E-01	1.43E-09	1.0E+06	1.4E-03
392	0.39109	9.55E-05	3.7E-05	1.05E-03	3.90E-08	2.27E-01	1.57E-01	1.39E-09	1.0E+06	1.4E-03
393	0.39191	9.55E-05	3.7E-05	1.05E-03	3.91E-08	2.27E-01	1.57E-01	1.40E-09	1.0E+06	1.4E-03
394	0.40055	9.55E-05	3.8E-05	1.05E-03	4.00E-08	2.27E-01	1.57E-01	1.43E-09	1.0E+06	1.4E-03
395	0.41229	9.55E-05	3.9E-05	1.05E-03	4.11E-08	2.27E-01	1.57E-01	1.47E-09	1.0E+06	1.5E-03
396	0.42324	9.55E-05	4.0E-05	1.05E-03	4.22E-08	2.27E-01	1.57E-01	1.51E-09	1.0E+06	1.5E-03
397	0.43113	9.55E-05	4.1E-05	1.05E-03	4.30E-08	2.27E-01	1.57E-01	1.54E-09	1.0E+06	1.5E-03
398	0.43434	9.55E-05	4.1E-05	1.05E-03	4.33E-08	2.27E-01	1.57E-01	1.55E-09	1.0E+06	1.5E-03
399	0.43179	9.55E-05	4.1E-05	1.05E-03	4.31E-08	2.27E-01	1.57E-01	1.54E-09	1.0E+06	1.5E-03
400	0.4244	9.55E-05	4.1E-05	1.05E-03	4.23E-08	2.27E-01	1.57E-01	1.51E-09	1.0E+06	1.5E-03
401	0.41551	9.55E-05	4.0E-05	1.05E-03	4.15E-08	2.27E-01	1.57E-01	1.48E-09	1.0E+06	1.5E-03
402	0.40896	9.55E-05	3.9E-05	1.05E-03	4.08E-08	2.27E-01	1.57E-01	1.46E-09	1.0E+06	1.5E-03

Berkley WTPF

Plaza Unmitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
403	0.40645	9.55E-05	3.9E-05	1.05E-03	4.06E-08	2.27E-01	1.57E-01	1.45E-09	1.0E+06	1.4E-03
404	0.39303	9.55E-05	3.8E-05	1.05E-03	3.92E-08	2.27E-01	1.57E-01	1.40E-09	1.0E+06	1.4E-03
405	0.37556	9.55E-05	3.6E-05	1.05E-03	3.75E-08	2.27E-01	1.57E-01	1.34E-09	1.0E+06	1.3E-03
406	0.36681	9.55E-05	3.5E-05	1.05E-03	3.66E-08	2.27E-01	1.57E-01	1.31E-09	1.0E+06	1.3E-03
407	0.36766	9.55E-05	3.5E-05	1.05E-03	3.67E-08	2.27E-01	1.57E-01	1.31E-09	1.0E+06	1.3E-03
408	0.37568	9.55E-05	3.6E-05	1.05E-03	3.75E-08	2.27E-01	1.57E-01	1.34E-09	1.0E+06	1.3E-03
409	0.38665	9.55E-05	3.7E-05	1.05E-03	3.86E-08	2.27E-01	1.57E-01	1.38E-09	1.0E+06	1.4E-03
410	0.39703	9.55E-05	3.8E-05	1.05E-03	3.96E-08	2.27E-01	1.57E-01	1.42E-09	1.0E+06	1.4E-03
411	0.40483	9.55E-05	3.9E-05	1.05E-03	4.04E-08	2.27E-01	1.57E-01	1.44E-09	1.0E+06	1.4E-03
412	0.40869	9.55E-05	3.9E-05	1.05E-03	4.08E-08	2.27E-01	1.57E-01	1.46E-09	1.0E+06	1.5E-03
413	0.40744	9.55E-05	3.9E-05	1.05E-03	4.06E-08	2.27E-01	1.57E-01	1.45E-09	1.0E+06	1.5E-03
414	0.40133	9.55E-05	3.8E-05	1.05E-03	4.00E-08	2.27E-01	1.57E-01	1.43E-09	1.0E+06	1.4E-03
415	0.3929	9.55E-05	3.8E-05	1.05E-03	3.92E-08	2.27E-01	1.57E-01	1.40E-09	1.0E+06	1.4E-03
416	0.38578	9.55E-05	3.7E-05	1.05E-03	3.85E-08	2.27E-01	1.57E-01	1.38E-09	1.0E+06	1.4E-03
417	0.38227	9.55E-05	3.6E-05	1.05E-03	3.81E-08	2.27E-01	1.57E-01	1.36E-09	1.0E+06	1.4E-03
418	0.34411	9.55E-05	3.3E-05	1.05E-03	3.43E-08	2.27E-01	1.57E-01	1.23E-09	1.0E+06	1.2E-03
419	0.34573	9.55E-05	3.3E-05	1.05E-03	3.45E-08	2.27E-01	1.57E-01	1.23E-09	1.0E+06	1.2E-03
420	0.35317	9.55E-05	3.4E-05	1.05E-03	3.52E-08	2.27E-01	1.57E-01	1.26E-09	1.0E+06	1.3E-03
421	0.36343	9.55E-05	3.5E-05	1.05E-03	3.63E-08	2.27E-01	1.57E-01	1.30E-09	1.0E+06	1.3E-03
422	0.37326	9.55E-05	3.6E-05	1.05E-03	3.72E-08	2.27E-01	1.57E-01	1.33E-09	1.0E+06	1.3E-03
423	0.3809	9.55E-05	3.6E-05	1.05E-03	3.80E-08	2.27E-01	1.57E-01	1.36E-09	1.0E+06	1.4E-03
424	0.38522	9.55E-05	3.7E-05	1.05E-03	3.84E-08	2.27E-01	1.57E-01	1.37E-09	1.0E+06	1.4E-03
425	0.38507	9.55E-05	3.7E-05	1.05E-03	3.84E-08	2.27E-01	1.57E-01	1.37E-09	1.0E+06	1.4E-03
426	0.38023	9.55E-05	3.6E-05	1.05E-03	3.79E-08	2.27E-01	1.57E-01	1.36E-09	1.0E+06	1.4E-03
427	0.37248	9.55E-05	3.6E-05	1.05E-03	3.72E-08	2.27E-01	1.57E-01	1.33E-09	1.0E+06	1.3E-03
428	0.36508	9.55E-05	3.5E-05	1.05E-03	3.64E-08	2.27E-01	1.57E-01	1.30E-09	1.0E+06	1.3E-03
429	0.36065	9.55E-05	3.4E-05	1.05E-03	3.60E-08	2.27E-01	1.57E-01	1.29E-09	1.0E+06	1.3E-03
430	0.35906	9.55E-05	3.4E-05	1.05E-03	3.58E-08	2.27E-01	1.57E-01	1.28E-09	1.0E+06	1.3E-03
431	0.36376	9.55E-05	3.5E-05	1.05E-03	3.63E-08	2.27E-01	1.57E-01	1.30E-09	1.0E+06	1.3E-03
432	0.36453	9.55E-05	3.5E-05	1.05E-03	3.64E-08	2.27E-01	1.57E-01	1.30E-09	1.0E+06	1.3E-03
433	0.36088	9.55E-05	3.4E-05	1.05E-03	3.60E-08	2.27E-01	1.57E-01	1.29E-09	1.0E+06	1.3E-03

Berkley WTPF

Plaza Unmitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
434	0.3539	9.55E-05	3.4E-05	1.05E-03	3.53E-08	2.27E-01	1.57E-01	1.26E-09	1.0E+06	1.3E-03
435	0.34648	9.55E-05	3.3E-05	1.05E-03	3.46E-08	2.27E-01	1.57E-01	1.24E-09	1.0E+06	1.2E-03

Berkley WTPF
Plaza Unmitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
		Residence	
1	5	1.09E-04	1.09E-04
2	5	1.03E-04	1.03E-04
3	5	9.73E-05	9.73E-05
4	5	9.29E-05	9.29E-05
5	5	8.87E-05	8.87E-05
6	5	8.39E-05	8.39E-05
7	5	7.82E-05	7.82E-05
8	5	7.21E-05	7.21E-05
9	5	8.94E-05	8.94E-05
10	5	8.65E-05	8.65E-05
11	5	8.22E-05	8.22E-05
12	5	7.78E-05	7.78E-05
13	5	7.44E-05	7.44E-05
14	5	7.18E-05	7.18E-05
15	5	6.93E-05	6.93E-05
16	5	6.62E-05	6.62E-05
17	5	6.24E-05	6.24E-05
18	5	5.81E-05	5.81E-05
19	5	5.36E-05	5.36E-05
20	5	4.94E-05	4.94E-05
21	5	7.20E-05	7.20E-05
22	5	7.04E-05	7.04E-05
23	5	6.75E-05	6.75E-05
24	5	6.41E-05	6.41E-05
25	5	6.09E-05	6.09E-05
26	5	5.87E-05	5.87E-05
27	5	5.72E-05	5.72E-05
28	5	5.57E-05	5.57E-05
29	5	5.36E-05	5.36E-05
30	5	5.10E-05	5.10E-05

Max	Receptor #	
1.087E-04	1	Res
9.764E-04	488	Park
1.085E-03	1	Total

Berkley WTPF
Plaza Unmitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
31	5	4.79E-05	4.79E-05
32	5	4.45E-05	4.45E-05
33	5	4.13E-05	4.13E-05
34	5	3.83E-05	3.83E-05
35	5	3.56E-05	3.56E-05
36	5	3.33E-05	3.33E-05
37	5	5.94E-05	5.94E-05
38	5	5.83E-05	5.83E-05
39	5	5.65E-05	5.65E-05
40	5	5.40E-05	5.40E-05
41	5	5.12E-05	5.12E-05
42	5	4.90E-05	4.90E-05
43	5	4.76E-05	4.76E-05
44	5	4.67E-05	4.67E-05
45	5	4.57E-05	4.57E-05
46	5	4.44E-05	4.44E-05
47	5	4.25E-05	4.25E-05
48	5	4.02E-05	4.02E-05
49	5	3.76E-05	3.76E-05
50	5	3.50E-05	3.50E-05
51	5	3.26E-05	3.26E-05
52	5	3.04E-05	3.04E-05
53	5	2.85E-05	2.85E-05
54	5	2.68E-05	2.68E-05
55	5	2.54E-05	2.54E-05
56	5	4.95E-05	4.95E-05
57	5	4.97E-05	4.97E-05
58	5	4.90E-05	4.90E-05
59	5	4.79E-05	4.79E-05
60	5	4.62E-05	4.62E-05
61	5	4.40E-05	4.40E-05

Berkley WTPF
Plaza Unmitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
62	5	4.18E-05	4.18E-05
63	5	4.02E-05	4.02E-05
64	5	3.94E-05	3.94E-05
65	5	3.88E-05	3.88E-05
66	5	3.83E-05	3.83E-05
67	5	3.73E-05	3.73E-05
68	5	3.60E-05	3.60E-05
69	5	3.42E-05	3.42E-05
70	5	3.23E-05	3.23E-05
71	5	3.02E-05	3.02E-05
72	5	2.82E-05	2.82E-05
73	5	2.63E-05	2.63E-05
74	5	2.47E-05	2.47E-05
75	5	2.33E-05	2.33E-05
76	5	4.19E-05	4.19E-05
77	5	4.22E-05	4.22E-05
78	5	4.18E-05	4.18E-05
79	5	4.10E-05	4.10E-05
80	5	3.99E-05	3.99E-05
81	5	3.83E-05	3.83E-05
82	5	3.64E-05	3.64E-05
83	5	3.48E-05	3.48E-05
84	5	3.37E-05	3.37E-05
85	5	3.32E-05	3.32E-05
86	5	3.29E-05	3.29E-05
87	5	3.25E-05	3.25E-05
88	5	3.19E-05	3.19E-05
89	5	3.09E-05	3.09E-05
90	5	2.96E-05	2.96E-05
91	5	2.80E-05	2.80E-05
92	5	2.63E-05	2.63E-05

Berkley WTPF
Plaza Unmitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
93	5	2.47E-05	2.47E-05
94	5	2.31E-05	2.31E-05
95	5	2.17E-05	2.17E-05
96	5	2.04E-05	2.04E-05
97	5	1.94E-05	1.94E-05
98	5	3.59E-05	3.59E-05
99	5	3.63E-05	3.63E-05
100	5	3.61E-05	3.61E-05
101	5	3.55E-05	3.55E-05
102	5	3.48E-05	3.48E-05
103	5	3.37E-05	3.37E-05
104	5	3.22E-05	3.22E-05
105	5	3.06E-05	3.06E-05
106	5	2.94E-05	2.94E-05
107	5	2.86E-05	2.86E-05
108	5	2.83E-05	2.83E-05
109	5	2.82E-05	2.82E-05
110	5	2.80E-05	2.80E-05
111	5	2.75E-05	2.75E-05
112	5	2.68E-05	2.68E-05
113	5	2.58E-05	2.58E-05
114	5	2.46E-05	2.46E-05
115	5	2.32E-05	2.32E-05
116	5	2.18E-05	2.18E-05
117	5	2.05E-05	2.05E-05
118	5	1.93E-05	1.93E-05
119	5	1.82E-05	1.82E-05
120	5	1.72E-05	1.72E-05
121	5	3.04E-05	3.04E-05
122	5	3.11E-05	3.11E-05
123	5	3.16E-05	3.16E-05

Berkley WTPF
Plaza Unmitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
124	5	3.14E-05	3.14E-05
125	5	3.10E-05	3.10E-05
126	5	3.05E-05	3.05E-05
127	5	2.98E-05	2.98E-05
128	5	2.87E-05	2.87E-05
129	5	2.74E-05	2.74E-05
130	5	2.60E-05	2.60E-05
131	5	2.51E-05	2.51E-05
132	5	2.47E-05	2.47E-05
133	5	2.45E-05	2.45E-05
134	5	2.45E-05	2.45E-05
135	5	2.43E-05	2.43E-05
136	5	2.40E-05	2.40E-05
137	5	2.35E-05	2.35E-05
138	5	2.27E-05	2.27E-05
139	5	2.17E-05	2.17E-05
140	5	2.06E-05	2.06E-05
141	5	1.95E-05	1.95E-05
142	5	1.83E-05	1.83E-05
143	5	1.73E-05	1.73E-05
144	5	1.63E-05	1.63E-05
145	5	2.66E-05	2.66E-05
146	5	2.73E-05	2.73E-05
147	5	2.77E-05	2.77E-05
148	5	2.77E-05	2.77E-05
149	5	2.73E-05	2.73E-05
150	5	2.69E-05	2.69E-05
151	5	2.65E-05	2.65E-05
152	5	2.58E-05	2.58E-05
153	5	2.47E-05	2.47E-05
154	5	2.35E-05	2.35E-05

Berkley WTPF
Plaza Unmitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
155	5	2.24E-05	2.24E-05
156	5	2.18E-05	2.18E-05
157	5	2.15E-05	2.15E-05
158	5	2.15E-05	2.15E-05
159	5	2.14E-05	2.14E-05
160	5	2.14E-05	2.14E-05
161	5	2.12E-05	2.12E-05
162	5	2.08E-05	2.08E-05
163	5	2.02E-05	2.02E-05
164	5	1.94E-05	1.94E-05
165	5	1.85E-05	1.85E-05
166	5	1.75E-05	1.75E-05
167	5	1.65E-05	1.65E-05
168	5	2.35E-05	2.35E-05
169	5	2.41E-05	2.41E-05
170	5	2.45E-05	2.45E-05
171	5	2.46E-05	2.46E-05
172	5	2.43E-05	2.43E-05
173	5	2.39E-05	2.39E-05
174	5	2.36E-05	2.36E-05
175	5	2.32E-05	2.32E-05
176	5	2.24E-05	2.24E-05
177	5	2.14E-05	2.14E-05
178	5	2.03E-05	2.03E-05
179	5	1.95E-05	1.95E-05
180	5	1.91E-05	1.91E-05
181	5	1.90E-05	1.90E-05
182	5	1.90E-05	1.90E-05
183	5	1.90E-05	1.90E-05
184	5	1.90E-05	1.90E-05
185	5	1.88E-05	1.88E-05

Berkley WTPF
Plaza Unmitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
186	5	1.85E-05	1.85E-05
187	5	1.81E-05	1.81E-05
188	5	1.74E-05	1.74E-05
189	5	1.66E-05	1.66E-05
190	5	1.58E-05	1.58E-05
191	5	2.09E-05	2.09E-05
192	5	2.14E-05	2.14E-05
193	5	2.19E-05	2.19E-05
194	5	2.20E-05	2.20E-05
195	5	2.17E-05	2.17E-05
196	5	2.14E-05	2.14E-05
197	5	2.11E-05	2.11E-05
198	5	2.09E-05	2.09E-05
199	5	2.04E-05	2.04E-05
200	5	1.96E-05	1.96E-05
201	5	1.69E-05	1.69E-05
202	5	1.69E-05	1.69E-05
203	5	1.69E-05	1.69E-05
204	5	1.69E-05	1.69E-05
205	5	1.69E-05	1.69E-05
206	5	1.68E-05	1.68E-05
207	5	1.66E-05	1.66E-05
208	5	1.63E-05	1.63E-05
209	5	1.57E-05	1.57E-05
210	5	1.50E-05	1.50E-05
211	5	1.87E-05	1.87E-05
212	5	1.91E-05	1.91E-05
213	5	1.96E-05	1.96E-05
214	5	1.98E-05	1.98E-05
215	5	1.96E-05	1.96E-05
216	5	1.93E-05	1.93E-05

Berkley WTPF
Plaza Unmitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
217	5	1.90E-05	1.90E-05
218	5	1.89E-05	1.89E-05
219	5	1.86E-05	1.86E-05
220	5	1.51E-05	1.51E-05
221	5	1.51E-05	1.51E-05
222	5	1.52E-05	1.52E-05
223	5	1.52E-05	1.52E-05
224	5	1.52E-05	1.52E-05
225	5	1.50E-05	1.50E-05
226	5	1.47E-05	1.47E-05
227	5	1.69E-05	1.69E-05
228	5	1.68E-05	1.68E-05
229	5	1.72E-05	1.72E-05
230	5	1.77E-05	1.77E-05
231	5	1.79E-05	1.79E-05
232	5	1.78E-05	1.78E-05
233	5	1.75E-05	1.75E-05
234	5	1.72E-05	1.72E-05
235	5	1.71E-05	1.71E-05
236	5	1.69E-05	1.69E-05
237	5	1.37E-05	1.37E-05
238	5	1.36E-05	1.36E-05
239	5	1.36E-05	1.36E-05
240	5	1.37E-05	1.37E-05
241	5	1.37E-05	1.37E-05
242	5	1.38E-05	1.38E-05
243	5	1.37E-05	1.37E-05
244	5	1.36E-05	1.36E-05
245	5	1.56E-05	1.56E-05
246	5	1.60E-05	1.60E-05
247	5	1.63E-05	1.63E-05

Berkley WTPF
Plaza Unmitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
248	5	1.62E-05	1.62E-05
249	5	1.60E-05	1.60E-05
250	5	1.57E-05	1.57E-05
251	5	1.55E-05	1.55E-05
252	5	1.55E-05	1.55E-05
253	5	1.25E-05	1.25E-05
254	5	1.24E-05	1.24E-05
255	5	1.23E-05	1.23E-05
256	5	1.23E-05	1.23E-05
257	5	1.24E-05	1.24E-05
258	5	1.25E-05	1.25E-05
259	5	1.25E-05	1.25E-05
260	5	1.44E-05	1.44E-05
261	5	1.42E-05	1.42E-05
262	5	1.21E-05	1.21E-05
263	5	1.16E-05	1.16E-05
264	5	1.13E-05	1.13E-05
265	5	1.12E-05	1.12E-05
266	5	1.12E-05	1.12E-05
267	5	1.13E-05	1.13E-05
268	5	1.13E-05	1.13E-05
269	5	1.14E-05	1.14E-05
270	5	1.14E-05	1.14E-05
271	5	1.09E-05	1.09E-05
272	5	1.05E-05	1.05E-05
273	5	1.03E-05	1.03E-05
274	5	1.03E-05	1.03E-05
275	5	1.03E-05	1.03E-05
276	5	1.03E-05	1.03E-05
277	5	1.35E-05	1.35E-05
278	5	1.28E-05	1.28E-05

Berkley WTPF
Plaza Unmitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
279	5	1.20E-05	1.20E-05
280	5	1.16E-05	1.16E-05
281	5	1.16E-05	1.16E-05
282	5	1.13E-05	1.13E-05
283	5	1.08E-05	1.08E-05
284	5	1.03E-05	1.03E-05
285	5	9.85E-06	9.85E-06
286	5	9.58E-06	9.58E-06
287	5	9.45E-06	9.45E-06
288	5	9.43E-06	9.43E-06
289	5	9.44E-06	9.44E-06
290	5	1.28E-05	1.28E-05
291	5	1.25E-05	1.25E-05
292	5	1.17E-05	1.17E-05
293	5	1.11E-05	1.11E-05
294	5	1.07E-05	1.07E-05
295	5	1.07E-05	1.07E-05
296	5	1.10E-05	1.10E-05
297	5	1.13E-05	1.13E-05
298	5	1.16E-05	1.16E-05
299	5	1.17E-05	1.17E-05
300	5	1.16E-05	1.16E-05
301	5	1.07E-05	1.07E-05
302	5	1.03E-05	1.03E-05
303	5	9.77E-06	9.77E-06
304	5	9.31E-06	9.31E-06
305	5	8.97E-06	8.97E-06
306	5	8.77E-06	8.77E-06
307	5	8.70E-06	8.70E-06
308	5	1.19E-05	1.19E-05
309	5	1.15E-05	1.15E-05

Berkley WTPF
Plaza Unmitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
310	5	1.08E-05	1.08E-05
311	5	1.02E-05	1.02E-05
312	5	9.91E-06	9.91E-06
313	5	9.92E-06	9.92E-06
314	5	1.01E-05	1.01E-05
315	5	1.04E-05	1.04E-05
316	5	1.07E-05	1.07E-05
317	5	1.08E-05	1.08E-05
318	5	1.08E-05	1.08E-05
319	5	1.06E-05	1.06E-05
320	5	1.04E-05	1.04E-05
321	5	1.03E-05	1.03E-05
322	5	1.02E-05	1.02E-05
323	5	1.00E-05	1.00E-05
324	5	9.73E-06	9.73E-06
325	5	9.32E-06	9.32E-06
326	5	8.87E-06	8.87E-06
327	5	8.49E-06	8.49E-06
328	5	8.22E-06	8.22E-06
329	5	8.08E-06	8.08E-06
330	5	1.11E-05	1.11E-05
331	5	1.07E-05	1.07E-05
332	5	1.00E-05	1.00E-05
333	5	9.47E-06	9.47E-06
334	5	9.19E-06	9.19E-06
335	5	9.20E-06	9.20E-06
336	5	9.41E-06	9.41E-06
337	5	9.69E-06	9.69E-06
338	5	9.93E-06	9.93E-06
339	5	1.01E-05	1.01E-05
340	5	1.01E-05	1.01E-05

Berkley WTPF
Plaza Unmitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
341	5	9.93E-06	9.93E-06
342	5	9.72E-06	9.72E-06
343	5	9.56E-06	9.56E-06
344	5	9.50E-06	9.50E-06
345	5	9.50E-06	9.50E-06
346	5	9.50E-06	9.50E-06
347	5	9.43E-06	9.43E-06
348	5	9.23E-06	9.23E-06
349	5	8.90E-06	8.90E-06
350	5	8.49E-06	8.49E-06
351	5	8.09E-06	8.09E-06
352	5	7.78E-06	7.78E-06
353	5	1.04E-05	1.04E-05
354	5	9.88E-06	9.88E-06
355	5	9.27E-06	9.27E-06
356	5	8.79E-06	8.79E-06
357	5	8.55E-06	8.55E-06
358	5	8.57E-06	8.57E-06
359	5	8.76E-06	8.76E-06
360	5	9.02E-06	9.02E-06
361	5	9.25E-06	9.25E-06
362	5	9.39E-06	9.39E-06
363	5	9.42E-06	9.42E-06
364	5	9.31E-06	9.31E-06
365	5	9.12E-06	9.12E-06
366	5	8.95E-06	8.95E-06
367	5	8.86E-06	8.86E-06
368	5	8.85E-06	8.85E-06
369	5	8.87E-06	8.87E-06
370	5	8.85E-06	8.85E-06
371	5	8.73E-06	8.73E-06

Berkley WTPF
Plaza Unmitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
372	5	8.49E-06	8.49E-06
373	5	9.19E-06	9.19E-06
374	5	8.62E-06	8.62E-06
375	5	8.19E-06	8.19E-06
376	5	7.98E-06	7.98E-06
377	5	7.99E-06	7.99E-06
378	5	8.17E-06	8.17E-06
379	5	8.41E-06	8.41E-06
380	5	8.63E-06	8.63E-06
381	5	8.78E-06	8.78E-06
382	5	8.83E-06	8.83E-06
383	5	8.75E-06	8.75E-06
384	5	8.59E-06	8.59E-06
385	5	8.41E-06	8.41E-06
386	5	8.30E-06	8.30E-06
387	5	8.28E-06	8.28E-06
388	5	8.30E-06	8.30E-06
389	5	8.56E-06	8.56E-06
390	5	8.04E-06	8.04E-06
391	5	7.66E-06	7.66E-06
392	5	7.47E-06	7.47E-06
393	5	7.48E-06	7.48E-06
394	5	7.65E-06	7.65E-06
395	5	7.87E-06	7.87E-06
396	5	8.08E-06	8.08E-06
397	5	8.23E-06	8.23E-06
398	5	8.29E-06	8.29E-06
399	5	8.24E-06	8.24E-06
400	5	8.10E-06	8.10E-06
401	5	7.93E-06	7.93E-06
402	5	7.81E-06	7.81E-06

Berkley WTPF
Plaza Unmitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
403	5	7.76E-06	7.76E-06
404	5	7.50E-06	7.50E-06
405	5	7.17E-06	7.17E-06
406	5	7.00E-06	7.00E-06
407	5	7.02E-06	7.02E-06
408	5	7.17E-06	7.17E-06
409	5	7.38E-06	7.38E-06
410	5	7.58E-06	7.58E-06
411	5	7.73E-06	7.73E-06
412	5	7.80E-06	7.80E-06
413	5	7.78E-06	7.78E-06
414	5	7.66E-06	7.66E-06
415	5	7.50E-06	7.50E-06
416	5	7.36E-06	7.36E-06
417	5	7.30E-06	7.30E-06
418	5	6.57E-06	6.57E-06
419	5	6.60E-06	6.60E-06
420	5	6.74E-06	6.74E-06
421	5	6.94E-06	6.94E-06
422	5	7.13E-06	7.13E-06
423	5	7.27E-06	7.27E-06
424	5	7.35E-06	7.35E-06
425	5	7.35E-06	7.35E-06
426	5	7.26E-06	7.26E-06
427	5	7.11E-06	7.11E-06
428	5	6.97E-06	6.97E-06
429	5	6.89E-06	6.89E-06
430	5	6.85E-06	6.85E-06
431	5	6.94E-06	6.94E-06
432	5	6.96E-06	6.96E-06
433	5	6.89E-06	6.89E-06

Berkley WTPF
Plaza Unmitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
434	5	6.76E-06	6.76E-06
435	5	6.61E-06	6.61E-06

Berkley WTPF

BoatL Unmitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
					Residence					
1	0.63929	8.59E-05	5.5E-05	1.05E-03	5.74E-08	2.27E-01	1.57E-01	2.05E-09	1.0E+06	2.1E-03
2	0.62624	8.59E-05	5.4E-05	1.05E-03	5.62E-08	2.27E-01	1.57E-01	2.01E-09	1.0E+06	2.0E-03
3	0.59026	8.59E-05	5.1E-05	1.05E-03	5.30E-08	2.27E-01	1.57E-01	1.89E-09	1.0E+06	1.9E-03
4	0.55453	8.59E-05	4.8E-05	1.05E-03	4.98E-08	2.27E-01	1.57E-01	1.78E-09	1.0E+06	1.8E-03
5	0.53247	8.59E-05	4.6E-05	1.05E-03	4.78E-08	2.27E-01	1.57E-01	1.71E-09	1.0E+06	1.7E-03
6	0.52872	8.59E-05	4.5E-05	1.05E-03	4.75E-08	2.27E-01	1.57E-01	1.70E-09	1.0E+06	1.7E-03
7	0.53905	8.59E-05	4.6E-05	1.05E-03	4.84E-08	2.27E-01	1.57E-01	1.73E-09	1.0E+06	1.7E-03
8	0.55567	8.59E-05	4.8E-05	1.05E-03	4.99E-08	2.27E-01	1.57E-01	1.78E-09	1.0E+06	1.8E-03
9	0.57928	8.59E-05	5.0E-05	1.05E-03	5.20E-08	2.27E-01	1.57E-01	1.86E-09	1.0E+06	1.9E-03
10	0.59837	8.59E-05	5.1E-05	1.05E-03	5.37E-08	2.27E-01	1.57E-01	1.92E-09	1.0E+06	1.9E-03
11	0.58004	8.59E-05	5.0E-05	1.05E-03	5.21E-08	2.27E-01	1.57E-01	1.86E-09	1.0E+06	1.9E-03
12	0.54492	8.59E-05	4.7E-05	1.05E-03	4.89E-08	2.27E-01	1.57E-01	1.75E-09	1.0E+06	1.7E-03
13	0.51271	8.59E-05	4.4E-05	1.05E-03	4.60E-08	2.27E-01	1.57E-01	1.65E-09	1.0E+06	1.6E-03
14	0.49401	8.59E-05	4.2E-05	1.05E-03	4.44E-08	2.27E-01	1.57E-01	1.59E-09	1.0E+06	1.6E-03
15	0.49165	8.59E-05	4.2E-05	1.05E-03	4.41E-08	2.27E-01	1.57E-01	1.58E-09	1.0E+06	1.6E-03
16	0.50195	8.59E-05	4.3E-05	1.05E-03	4.51E-08	2.27E-01	1.57E-01	1.61E-09	1.0E+06	1.6E-03
17	0.5174	8.59E-05	4.4E-05	1.05E-03	4.65E-08	2.27E-01	1.57E-01	1.66E-09	1.0E+06	1.7E-03
18	0.53082	8.59E-05	4.6E-05	1.05E-03	4.77E-08	2.27E-01	1.57E-01	1.70E-09	1.0E+06	1.7E-03
19	0.53815	8.59E-05	4.6E-05	1.05E-03	4.83E-08	2.27E-01	1.57E-01	1.73E-09	1.0E+06	1.7E-03
20	0.53914	8.59E-05	4.6E-05	1.05E-03	4.84E-08	2.27E-01	1.57E-01	1.73E-09	1.0E+06	1.7E-03
21	0.54884	8.59E-05	4.7E-05	1.05E-03	4.93E-08	2.27E-01	1.57E-01	1.76E-09	1.0E+06	1.8E-03
22	0.55929	8.59E-05	4.8E-05	1.05E-03	5.02E-08	2.27E-01	1.57E-01	1.79E-09	1.0E+06	1.8E-03
23	0.53791	8.59E-05	4.6E-05	1.05E-03	4.83E-08	2.27E-01	1.57E-01	1.73E-09	1.0E+06	1.7E-03
24	0.50459	8.59E-05	4.3E-05	1.05E-03	4.53E-08	2.27E-01	1.57E-01	1.62E-09	1.0E+06	1.6E-03
25	0.4756	8.59E-05	4.1E-05	1.05E-03	4.27E-08	2.27E-01	1.57E-01	1.53E-09	1.0E+06	1.5E-03
26	0.45911	8.59E-05	3.9E-05	1.05E-03	4.12E-08	2.27E-01	1.57E-01	1.47E-09	1.0E+06	1.5E-03
27	0.45721	8.59E-05	3.9E-05	1.05E-03	4.11E-08	2.27E-01	1.57E-01	1.47E-09	1.0E+06	1.5E-03
28	0.4667	8.59E-05	4.0E-05	1.05E-03	4.19E-08	2.27E-01	1.57E-01	1.50E-09	1.0E+06	1.5E-03
29	0.48098	8.59E-05	4.1E-05	1.05E-03	4.32E-08	2.27E-01	1.57E-01	1.54E-09	1.0E+06	1.5E-03
30	0.49436	8.59E-05	4.2E-05	1.05E-03	4.44E-08	2.27E-01	1.57E-01	1.59E-09	1.0E+06	1.6E-03

	Max	Receptor #
Res	0.002	1
Park	0.004	437
Total	0.01	1

Berkley WTPF

BoatL Unmitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
31	0.50361	8.59E-05	4.3E-05	1.05E-03	4.52E-08	2.27E-01	1.57E-01	1.62E-09	1.0E+06	1.6E-03
32	0.50617	8.59E-05	4.3E-05	1.05E-03	4.54E-08	2.27E-01	1.57E-01	1.62E-09	1.0E+06	1.6E-03
33	0.50066	8.59E-05	4.3E-05	1.05E-03	4.50E-08	2.27E-01	1.57E-01	1.61E-09	1.0E+06	1.6E-03
34	0.4897	8.59E-05	4.2E-05	1.05E-03	4.40E-08	2.27E-01	1.57E-01	1.57E-09	1.0E+06	1.6E-03
35	0.47936	8.59E-05	4.1E-05	1.05E-03	4.30E-08	2.27E-01	1.57E-01	1.54E-09	1.0E+06	1.5E-03
36	0.47331	8.59E-05	4.1E-05	1.05E-03	4.25E-08	2.27E-01	1.57E-01	1.52E-09	1.0E+06	1.5E-03
37	0.52125	8.59E-05	4.5E-05	1.05E-03	4.68E-08	2.27E-01	1.57E-01	1.67E-09	1.0E+06	1.7E-03
38	0.52318	8.59E-05	4.5E-05	1.05E-03	4.70E-08	2.27E-01	1.57E-01	1.68E-09	1.0E+06	1.7E-03
39	0.49988	8.59E-05	4.3E-05	1.05E-03	4.49E-08	2.27E-01	1.57E-01	1.60E-09	1.0E+06	1.6E-03
40	0.46859	8.59E-05	4.0E-05	1.05E-03	4.21E-08	2.27E-01	1.57E-01	1.50E-09	1.0E+06	1.5E-03
41	0.44252	8.59E-05	3.8E-05	1.05E-03	3.97E-08	2.27E-01	1.57E-01	1.42E-09	1.0E+06	1.4E-03
42	0.42793	8.59E-05	3.7E-05	1.05E-03	3.84E-08	2.27E-01	1.57E-01	1.37E-09	1.0E+06	1.4E-03
43	0.42642	8.59E-05	3.7E-05	1.05E-03	3.83E-08	2.27E-01	1.57E-01	1.37E-09	1.0E+06	1.4E-03
44	0.43519	8.59E-05	3.7E-05	1.05E-03	3.91E-08	2.27E-01	1.57E-01	1.40E-09	1.0E+06	1.4E-03
45	0.44841	8.59E-05	3.9E-05	1.05E-03	4.03E-08	2.27E-01	1.57E-01	1.44E-09	1.0E+06	1.4E-03
46	0.46101	8.59E-05	4.0E-05	1.05E-03	4.14E-08	2.27E-01	1.57E-01	1.48E-09	1.0E+06	1.5E-03
47	0.47021	8.59E-05	4.0E-05	1.05E-03	4.22E-08	2.27E-01	1.57E-01	1.51E-09	1.0E+06	1.5E-03
48	0.47388	8.59E-05	4.1E-05	1.05E-03	4.26E-08	2.27E-01	1.57E-01	1.52E-09	1.0E+06	1.5E-03
49	0.4703	8.59E-05	4.0E-05	1.05E-03	4.22E-08	2.27E-01	1.57E-01	1.51E-09	1.0E+06	1.5E-03
50	0.4608	8.59E-05	4.0E-05	1.05E-03	4.14E-08	2.27E-01	1.57E-01	1.48E-09	1.0E+06	1.5E-03
51	0.45033	8.59E-05	3.9E-05	1.05E-03	4.04E-08	2.27E-01	1.57E-01	1.44E-09	1.0E+06	1.4E-03
52	0.44362	8.59E-05	3.8E-05	1.05E-03	3.98E-08	2.27E-01	1.57E-01	1.42E-09	1.0E+06	1.4E-03
53	0.44184	8.59E-05	3.8E-05	1.05E-03	3.97E-08	2.27E-01	1.57E-01	1.42E-09	1.0E+06	1.4E-03
54	0.44364	8.59E-05	3.8E-05	1.05E-03	3.98E-08	2.27E-01	1.57E-01	1.42E-09	1.0E+06	1.4E-03
55	0.44445	8.59E-05	3.8E-05	1.05E-03	3.99E-08	2.27E-01	1.57E-01	1.43E-09	1.0E+06	1.4E-03
56	0.46811	8.59E-05	4.0E-05	1.05E-03	4.20E-08	2.27E-01	1.57E-01	1.50E-09	1.0E+06	1.5E-03
57	0.49388	8.59E-05	4.2E-05	1.05E-03	4.43E-08	2.27E-01	1.57E-01	1.58E-09	1.0E+06	1.6E-03
58	0.48974	8.59E-05	4.2E-05	1.05E-03	4.40E-08	2.27E-01	1.57E-01	1.57E-09	1.0E+06	1.6E-03
59	0.46551	8.59E-05	4.0E-05	1.05E-03	4.18E-08	2.27E-01	1.57E-01	1.49E-09	1.0E+06	1.5E-03
60	0.43636	8.59E-05	3.7E-05	1.05E-03	3.92E-08	2.27E-01	1.57E-01	1.40E-09	1.0E+06	1.4E-03
61	0.4129	8.59E-05	3.5E-05	1.05E-03	3.71E-08	2.27E-01	1.57E-01	1.32E-09	1.0E+06	1.3E-03

Berkley WTPF

BoatL Unmitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
62	0.39996	8.59E-05	3.4E-05	1.05E-03	3.59E-08	2.27E-01	1.57E-01	1.28E-09	1.0E+06	1.3E-03
63	0.39877	8.59E-05	3.4E-05	1.05E-03	3.58E-08	2.27E-01	1.57E-01	1.28E-09	1.0E+06	1.3E-03
64	0.40688	8.59E-05	3.5E-05	1.05E-03	3.65E-08	2.27E-01	1.57E-01	1.31E-09	1.0E+06	1.3E-03
65	0.41916	8.59E-05	3.6E-05	1.05E-03	3.76E-08	2.27E-01	1.57E-01	1.34E-09	1.0E+06	1.3E-03
66	0.43103	8.59E-05	3.7E-05	1.05E-03	3.87E-08	2.27E-01	1.57E-01	1.38E-09	1.0E+06	1.4E-03
67	0.44006	8.59E-05	3.8E-05	1.05E-03	3.95E-08	2.27E-01	1.57E-01	1.41E-09	1.0E+06	1.4E-03
68	0.44451	8.59E-05	3.8E-05	1.05E-03	3.99E-08	2.27E-01	1.57E-01	1.43E-09	1.0E+06	1.4E-03
69	0.44262	8.59E-05	3.8E-05	1.05E-03	3.97E-08	2.27E-01	1.57E-01	1.42E-09	1.0E+06	1.4E-03
70	0.4347	8.59E-05	3.7E-05	1.05E-03	3.90E-08	2.27E-01	1.57E-01	1.39E-09	1.0E+06	1.4E-03
71	0.42454	8.59E-05	3.6E-05	1.05E-03	3.81E-08	2.27E-01	1.57E-01	1.36E-09	1.0E+06	1.4E-03
72	0.41706	8.59E-05	3.6E-05	1.05E-03	3.74E-08	2.27E-01	1.57E-01	1.34E-09	1.0E+06	1.3E-03
73	0.41451	8.59E-05	3.6E-05	1.05E-03	3.72E-08	2.27E-01	1.57E-01	1.33E-09	1.0E+06	1.3E-03
74	0.41569	8.59E-05	3.6E-05	1.05E-03	3.73E-08	2.27E-01	1.57E-01	1.33E-09	1.0E+06	1.3E-03
75	0.41724	8.59E-05	3.6E-05	1.05E-03	3.75E-08	2.27E-01	1.57E-01	1.34E-09	1.0E+06	1.3E-03
76	0.44866	8.59E-05	3.9E-05	1.05E-03	4.03E-08	2.27E-01	1.57E-01	1.44E-09	1.0E+06	1.4E-03
77	0.46724	8.59E-05	4.0E-05	1.05E-03	4.20E-08	2.27E-01	1.57E-01	1.50E-09	1.0E+06	1.5E-03
78	0.45883	8.59E-05	3.9E-05	1.05E-03	4.12E-08	2.27E-01	1.57E-01	1.47E-09	1.0E+06	1.5E-03
79	0.43441	8.59E-05	3.7E-05	1.05E-03	3.90E-08	2.27E-01	1.57E-01	1.39E-09	1.0E+06	1.4E-03
80	0.4074	8.59E-05	3.5E-05	1.05E-03	3.66E-08	2.27E-01	1.57E-01	1.31E-09	1.0E+06	1.3E-03
81	0.38629	8.59E-05	3.3E-05	1.05E-03	3.47E-08	2.27E-01	1.57E-01	1.24E-09	1.0E+06	1.2E-03
82	0.37477	8.59E-05	3.2E-05	1.05E-03	3.37E-08	2.27E-01	1.57E-01	1.20E-09	1.0E+06	1.2E-03
83	0.37384	8.59E-05	3.2E-05	1.05E-03	3.36E-08	2.27E-01	1.57E-01	1.20E-09	1.0E+06	1.2E-03
84	0.38138	8.59E-05	3.3E-05	1.05E-03	3.42E-08	2.27E-01	1.57E-01	1.22E-09	1.0E+06	1.2E-03
85	0.3928	8.59E-05	3.4E-05	1.05E-03	3.53E-08	2.27E-01	1.57E-01	1.26E-09	1.0E+06	1.3E-03
86	0.40398	8.59E-05	3.5E-05	1.05E-03	3.63E-08	2.27E-01	1.57E-01	1.30E-09	1.0E+06	1.3E-03
87	0.41275	8.59E-05	3.5E-05	1.05E-03	3.71E-08	2.27E-01	1.57E-01	1.32E-09	1.0E+06	1.3E-03
88	0.41773	8.59E-05	3.6E-05	1.05E-03	3.75E-08	2.27E-01	1.57E-01	1.34E-09	1.0E+06	1.3E-03
89	0.41726	8.59E-05	3.6E-05	1.05E-03	3.75E-08	2.27E-01	1.57E-01	1.34E-09	1.0E+06	1.3E-03
90	0.41093	8.59E-05	3.5E-05	1.05E-03	3.69E-08	2.27E-01	1.57E-01	1.32E-09	1.0E+06	1.3E-03
91	0.40144	8.59E-05	3.4E-05	1.05E-03	3.60E-08	2.27E-01	1.57E-01	1.29E-09	1.0E+06	1.3E-03
92	0.39329	8.59E-05	3.4E-05	1.05E-03	3.53E-08	2.27E-01	1.57E-01	1.26E-09	1.0E+06	1.3E-03

Berkley WTPF

BoatL Unmitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
93	0.38947	8.59E-05	3.3E-05	1.05E-03	3.50E-08	2.27E-01	1.57E-01	1.25E-09	1.0E+06	1.2E-03
94	0.38974	8.59E-05	3.3E-05	1.05E-03	3.50E-08	2.27E-01	1.57E-01	1.25E-09	1.0E+06	1.3E-03
95	0.39182	8.59E-05	3.4E-05	1.05E-03	3.52E-08	2.27E-01	1.57E-01	1.26E-09	1.0E+06	1.3E-03
96	0.39311	8.59E-05	3.4E-05	1.05E-03	3.53E-08	2.27E-01	1.57E-01	1.26E-09	1.0E+06	1.3E-03
97	0.39132	8.59E-05	3.4E-05	1.05E-03	3.51E-08	2.27E-01	1.57E-01	1.26E-09	1.0E+06	1.3E-03
98	0.42969	8.59E-05	3.7E-05	1.05E-03	3.86E-08	2.27E-01	1.57E-01	1.38E-09	1.0E+06	1.4E-03
99	0.44195	8.59E-05	3.8E-05	1.05E-03	3.97E-08	2.27E-01	1.57E-01	1.42E-09	1.0E+06	1.4E-03
100	0.43032	8.59E-05	3.7E-05	1.05E-03	3.86E-08	2.27E-01	1.57E-01	1.38E-09	1.0E+06	1.4E-03
101	0.40622	8.59E-05	3.5E-05	1.05E-03	3.65E-08	2.27E-01	1.57E-01	1.30E-09	1.0E+06	1.3E-03
102	0.38131	8.59E-05	3.3E-05	1.05E-03	3.42E-08	2.27E-01	1.57E-01	1.22E-09	1.0E+06	1.2E-03
103	0.36228	8.59E-05	3.1E-05	1.05E-03	3.25E-08	2.27E-01	1.57E-01	1.16E-09	1.0E+06	1.2E-03
104	0.35201	8.59E-05	3.0E-05	1.05E-03	3.16E-08	2.27E-01	1.57E-01	1.13E-09	1.0E+06	1.1E-03
105	0.3513	8.59E-05	3.0E-05	1.05E-03	3.15E-08	2.27E-01	1.57E-01	1.13E-09	1.0E+06	1.1E-03
106	0.3583	8.59E-05	3.1E-05	1.05E-03	3.22E-08	2.27E-01	1.57E-01	1.15E-09	1.0E+06	1.1E-03
107	0.36896	8.59E-05	3.2E-05	1.05E-03	3.31E-08	2.27E-01	1.57E-01	1.18E-09	1.0E+06	1.2E-03
108	0.37948	8.59E-05	3.3E-05	1.05E-03	3.41E-08	2.27E-01	1.57E-01	1.22E-09	1.0E+06	1.2E-03
109	0.38795	8.59E-05	3.3E-05	1.05E-03	3.48E-08	2.27E-01	1.57E-01	1.24E-09	1.0E+06	1.2E-03
110	0.39326	8.59E-05	3.4E-05	1.05E-03	3.53E-08	2.27E-01	1.57E-01	1.26E-09	1.0E+06	1.3E-03
111	0.39395	8.59E-05	3.4E-05	1.05E-03	3.54E-08	2.27E-01	1.57E-01	1.26E-09	1.0E+06	1.3E-03
112	0.38915	8.59E-05	3.3E-05	1.05E-03	3.49E-08	2.27E-01	1.57E-01	1.25E-09	1.0E+06	1.2E-03
113	0.38057	8.59E-05	3.3E-05	1.05E-03	3.42E-08	2.27E-01	1.57E-01	1.22E-09	1.0E+06	1.2E-03
114	0.37213	8.59E-05	3.2E-05	1.05E-03	3.34E-08	2.27E-01	1.57E-01	1.19E-09	1.0E+06	1.2E-03
115	0.3672	8.59E-05	3.2E-05	1.05E-03	3.30E-08	2.27E-01	1.57E-01	1.18E-09	1.0E+06	1.2E-03
116	0.36642	8.59E-05	3.1E-05	1.05E-03	3.29E-08	2.27E-01	1.57E-01	1.18E-09	1.0E+06	1.2E-03
117	0.36814	8.59E-05	3.2E-05	1.05E-03	3.31E-08	2.27E-01	1.57E-01	1.18E-09	1.0E+06	1.2E-03
118	0.37006	8.59E-05	3.2E-05	1.05E-03	3.32E-08	2.27E-01	1.57E-01	1.19E-09	1.0E+06	1.2E-03
119	0.37008	8.59E-05	3.2E-05	1.05E-03	3.32E-08	2.27E-01	1.57E-01	1.19E-09	1.0E+06	1.2E-03
120	0.36588	8.59E-05	3.1E-05	1.05E-03	3.29E-08	2.27E-01	1.57E-01	1.17E-09	1.0E+06	1.2E-03
121	0.38201	8.59E-05	3.3E-05	1.05E-03	3.43E-08	2.27E-01	1.57E-01	1.23E-09	1.0E+06	1.2E-03
122	0.41119	8.59E-05	3.5E-05	1.05E-03	3.69E-08	2.27E-01	1.57E-01	1.32E-09	1.0E+06	1.3E-03
123	0.418	8.59E-05	3.6E-05	1.05E-03	3.75E-08	2.27E-01	1.57E-01	1.34E-09	1.0E+06	1.3E-03

Berkley WTPF

BoatL Unmitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
124	0.40405	8.59E-05	3.5E-05	1.05E-03	3.63E-08	2.27E-01	1.57E-01	1.30E-09	1.0E+06	1.3E-03
125	0.38064	8.59E-05	3.3E-05	1.05E-03	3.42E-08	2.27E-01	1.57E-01	1.22E-09	1.0E+06	1.2E-03
126	0.35773	8.59E-05	3.1E-05	1.05E-03	3.21E-08	2.27E-01	1.57E-01	1.15E-09	1.0E+06	1.1E-03
127	0.34056	8.59E-05	2.9E-05	1.05E-03	3.06E-08	2.27E-01	1.57E-01	1.09E-09	1.0E+06	1.1E-03
128	0.33137	8.59E-05	2.8E-05	1.05E-03	2.98E-08	2.27E-01	1.57E-01	1.06E-09	1.0E+06	1.1E-03
129	0.33083	8.59E-05	2.8E-05	1.05E-03	2.97E-08	2.27E-01	1.57E-01	1.06E-09	1.0E+06	1.1E-03
130	0.33736	8.59E-05	2.9E-05	1.05E-03	3.03E-08	2.27E-01	1.57E-01	1.08E-09	1.0E+06	1.1E-03
131	0.34732	8.59E-05	3.0E-05	1.05E-03	3.12E-08	2.27E-01	1.57E-01	1.11E-09	1.0E+06	1.1E-03
132	0.35725	8.59E-05	3.1E-05	1.05E-03	3.21E-08	2.27E-01	1.57E-01	1.15E-09	1.0E+06	1.1E-03
133	0.36538	8.59E-05	3.1E-05	1.05E-03	3.28E-08	2.27E-01	1.57E-01	1.17E-09	1.0E+06	1.2E-03
134	0.37087	8.59E-05	3.2E-05	1.05E-03	3.33E-08	2.27E-01	1.57E-01	1.19E-09	1.0E+06	1.2E-03
135	0.37247	8.59E-05	3.2E-05	1.05E-03	3.34E-08	2.27E-01	1.57E-01	1.20E-09	1.0E+06	1.2E-03
136	0.36908	8.59E-05	3.2E-05	1.05E-03	3.31E-08	2.27E-01	1.57E-01	1.18E-09	1.0E+06	1.2E-03
137	0.36157	8.59E-05	3.1E-05	1.05E-03	3.25E-08	2.27E-01	1.57E-01	1.16E-09	1.0E+06	1.2E-03
138	0.35317	8.59E-05	3.0E-05	1.05E-03	3.17E-08	2.27E-01	1.57E-01	1.13E-09	1.0E+06	1.1E-03
139	0.34735	8.59E-05	3.0E-05	1.05E-03	3.12E-08	2.27E-01	1.57E-01	1.11E-09	1.0E+06	1.1E-03
140	0.34549	8.59E-05	3.0E-05	1.05E-03	3.10E-08	2.27E-01	1.57E-01	1.11E-09	1.0E+06	1.1E-03
141	0.34661	8.59E-05	3.0E-05	1.05E-03	3.11E-08	2.27E-01	1.57E-01	1.11E-09	1.0E+06	1.1E-03
142	0.34869	8.59E-05	3.0E-05	1.05E-03	3.13E-08	2.27E-01	1.57E-01	1.12E-09	1.0E+06	1.1E-03
143	0.34981	8.59E-05	3.0E-05	1.05E-03	3.14E-08	2.27E-01	1.57E-01	1.12E-09	1.0E+06	1.1E-03
144	0.3475	8.59E-05	3.0E-05	1.05E-03	3.12E-08	2.27E-01	1.57E-01	1.11E-09	1.0E+06	1.1E-03
145	0.36965	8.59E-05	3.2E-05	1.05E-03	3.32E-08	2.27E-01	1.57E-01	1.19E-09	1.0E+06	1.2E-03
146	0.39316	8.59E-05	3.4E-05	1.05E-03	3.53E-08	2.27E-01	1.57E-01	1.26E-09	1.0E+06	1.3E-03
147	0.39539	8.59E-05	3.4E-05	1.05E-03	3.55E-08	2.27E-01	1.57E-01	1.27E-09	1.0E+06	1.3E-03
148	0.37985	8.59E-05	3.3E-05	1.05E-03	3.41E-08	2.27E-01	1.57E-01	1.22E-09	1.0E+06	1.2E-03
149	0.35738	8.59E-05	3.1E-05	1.05E-03	3.21E-08	2.27E-01	1.57E-01	1.15E-09	1.0E+06	1.1E-03
150	0.33636	8.59E-05	2.9E-05	1.05E-03	3.02E-08	2.27E-01	1.57E-01	1.08E-09	1.0E+06	1.1E-03
151	0.32084	8.59E-05	2.8E-05	1.05E-03	2.88E-08	2.27E-01	1.57E-01	1.03E-09	1.0E+06	1.0E-03
152	0.31259	8.59E-05	2.7E-05	1.05E-03	2.81E-08	2.27E-01	1.57E-01	1.00E-09	1.0E+06	1.0E-03
153	0.31221	8.59E-05	2.7E-05	1.05E-03	2.80E-08	2.27E-01	1.57E-01	1.00E-09	1.0E+06	1.0E-03
154	0.3183	8.59E-05	2.7E-05	1.05E-03	2.86E-08	2.27E-01	1.57E-01	1.02E-09	1.0E+06	1.0E-03

Berkley WTPF

BoatL Unmitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
155	0.32762	8.59E-05	2.8E-05	1.05E-03	2.94E-08	2.27E-01	1.57E-01	1.05E-09	1.0E+06	1.1E-03
156	0.337	8.59E-05	2.9E-05	1.05E-03	3.03E-08	2.27E-01	1.57E-01	1.08E-09	1.0E+06	1.1E-03
157	0.3448	8.59E-05	3.0E-05	1.05E-03	3.10E-08	2.27E-01	1.57E-01	1.11E-09	1.0E+06	1.1E-03
158	0.35033	8.59E-05	3.0E-05	1.05E-03	3.15E-08	2.27E-01	1.57E-01	1.12E-09	1.0E+06	1.1E-03
159	0.35263	8.59E-05	3.0E-05	1.05E-03	3.17E-08	2.27E-01	1.57E-01	1.13E-09	1.0E+06	1.1E-03
160	0.35049	8.59E-05	3.0E-05	1.05E-03	3.15E-08	2.27E-01	1.57E-01	1.12E-09	1.0E+06	1.1E-03
161	0.34414	8.59E-05	3.0E-05	1.05E-03	3.09E-08	2.27E-01	1.57E-01	1.10E-09	1.0E+06	1.1E-03
162	0.33606	8.59E-05	2.9E-05	1.05E-03	3.02E-08	2.27E-01	1.57E-01	1.08E-09	1.0E+06	1.1E-03
163	0.32961	8.59E-05	2.8E-05	1.05E-03	2.96E-08	2.27E-01	1.57E-01	1.06E-09	1.0E+06	1.1E-03
164	0.32673	8.59E-05	2.8E-05	1.05E-03	2.93E-08	2.27E-01	1.57E-01	1.05E-09	1.0E+06	1.0E-03
165	0.32708	8.59E-05	2.8E-05	1.05E-03	2.94E-08	2.27E-01	1.57E-01	1.05E-09	1.0E+06	1.0E-03
166	0.32901	8.59E-05	2.8E-05	1.05E-03	2.95E-08	2.27E-01	1.57E-01	1.06E-09	1.0E+06	1.1E-03
167	0.3306	8.59E-05	2.8E-05	1.05E-03	2.97E-08	2.27E-01	1.57E-01	1.06E-09	1.0E+06	1.1E-03
168	0.3574	8.59E-05	3.1E-05	1.05E-03	3.21E-08	2.27E-01	1.57E-01	1.15E-09	1.0E+06	1.1E-03
169	0.37566	8.59E-05	3.2E-05	1.05E-03	3.37E-08	2.27E-01	1.57E-01	1.21E-09	1.0E+06	1.2E-03
170	0.3741	8.59E-05	3.2E-05	1.05E-03	3.36E-08	2.27E-01	1.57E-01	1.20E-09	1.0E+06	1.2E-03
171	0.35758	8.59E-05	3.1E-05	1.05E-03	3.21E-08	2.27E-01	1.57E-01	1.15E-09	1.0E+06	1.1E-03
172	0.33621	8.59E-05	2.9E-05	1.05E-03	3.02E-08	2.27E-01	1.57E-01	1.08E-09	1.0E+06	1.1E-03
173	0.31695	8.59E-05	2.7E-05	1.05E-03	2.85E-08	2.27E-01	1.57E-01	1.02E-09	1.0E+06	1.0E-03
174	0.30289	8.59E-05	2.6E-05	1.05E-03	2.72E-08	2.27E-01	1.57E-01	9.72E-10	1.0E+06	9.7E-04
175	0.29547	8.59E-05	2.5E-05	1.05E-03	2.65E-08	2.27E-01	1.57E-01	9.48E-10	1.0E+06	9.5E-04
176	0.29521	8.59E-05	2.5E-05	1.05E-03	2.65E-08	2.27E-01	1.57E-01	9.47E-10	1.0E+06	9.5E-04
177	0.30091	8.59E-05	2.6E-05	1.05E-03	2.70E-08	2.27E-01	1.57E-01	9.65E-10	1.0E+06	9.7E-04
178	0.30965	8.59E-05	2.7E-05	1.05E-03	2.78E-08	2.27E-01	1.57E-01	9.94E-10	1.0E+06	9.9E-04
179	0.31852	8.59E-05	2.7E-05	1.05E-03	2.86E-08	2.27E-01	1.57E-01	1.02E-09	1.0E+06	1.0E-03
180	0.32597	8.59E-05	2.8E-05	1.05E-03	2.93E-08	2.27E-01	1.57E-01	1.05E-09	1.0E+06	1.0E-03
181	0.33148	8.59E-05	2.8E-05	1.05E-03	2.98E-08	2.27E-01	1.57E-01	1.06E-09	1.0E+06	1.1E-03
182	0.33428	8.59E-05	2.9E-05	1.05E-03	3.00E-08	2.27E-01	1.57E-01	1.07E-09	1.0E+06	1.1E-03
183	0.33322	8.59E-05	2.9E-05	1.05E-03	2.99E-08	2.27E-01	1.57E-01	1.07E-09	1.0E+06	1.1E-03
184	0.32804	8.59E-05	2.8E-05	1.05E-03	2.95E-08	2.27E-01	1.57E-01	1.05E-09	1.0E+06	1.1E-03
185	0.3205	8.59E-05	2.8E-05	1.05E-03	2.88E-08	2.27E-01	1.57E-01	1.03E-09	1.0E+06	1.0E-03

Berkley WTPF

BoatL Unmitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
186	0.31369	8.59E-05	2.7E-05	1.05E-03	2.82E-08	2.27E-01	1.57E-01	1.01E-09	1.0E+06	1.0E-03
187	0.30989	8.59E-05	2.7E-05	1.05E-03	2.78E-08	2.27E-01	1.57E-01	9.94E-10	1.0E+06	9.9E-04
188	0.30939	8.59E-05	2.7E-05	1.05E-03	2.78E-08	2.27E-01	1.57E-01	9.93E-10	1.0E+06	9.9E-04
189	0.31095	8.59E-05	2.7E-05	1.05E-03	2.79E-08	2.27E-01	1.57E-01	9.98E-10	1.0E+06	1.0E-03
190	0.31134	8.59E-05	2.7E-05	1.05E-03	2.80E-08	2.27E-01	1.57E-01	9.99E-10	1.0E+06	1.0E-03
191	0.34589	8.59E-05	3.0E-05	1.05E-03	3.11E-08	2.27E-01	1.57E-01	1.11E-09	1.0E+06	1.1E-03
192	0.359	8.59E-05	3.1E-05	1.05E-03	3.22E-08	2.27E-01	1.57E-01	1.15E-09	1.0E+06	1.2E-03
193	0.3541	8.59E-05	3.0E-05	1.05E-03	3.18E-08	2.27E-01	1.57E-01	1.14E-09	1.0E+06	1.1E-03
194	0.33708	8.59E-05	2.9E-05	1.05E-03	3.03E-08	2.27E-01	1.57E-01	1.08E-09	1.0E+06	1.1E-03
195	0.31691	8.59E-05	2.7E-05	1.05E-03	2.85E-08	2.27E-01	1.57E-01	1.02E-09	1.0E+06	1.0E-03
196	0.29926	8.59E-05	2.6E-05	1.05E-03	2.69E-08	2.27E-01	1.57E-01	9.60E-10	1.0E+06	9.6E-04
197	0.28651	8.59E-05	2.5E-05	1.05E-03	2.57E-08	2.27E-01	1.57E-01	9.19E-10	1.0E+06	9.2E-04
198	0.2798	8.59E-05	2.4E-05	1.05E-03	2.51E-08	2.27E-01	1.57E-01	8.98E-10	1.0E+06	9.0E-04
199	0.27965	8.59E-05	2.4E-05	1.05E-03	2.51E-08	2.27E-01	1.57E-01	8.97E-10	1.0E+06	9.0E-04
200	0.28498	8.59E-05	2.4E-05	1.05E-03	2.56E-08	2.27E-01	1.57E-01	9.14E-10	1.0E+06	9.1E-04
201	0.31414	8.59E-05	2.7E-05	1.05E-03	2.82E-08	2.27E-01	1.57E-01	1.01E-09	1.0E+06	1.0E-03
202	0.31729	8.59E-05	2.7E-05	1.05E-03	2.85E-08	2.27E-01	1.57E-01	1.02E-09	1.0E+06	1.0E-03
203	0.31714	8.59E-05	2.7E-05	1.05E-03	2.85E-08	2.27E-01	1.57E-01	1.02E-09	1.0E+06	1.0E-03
204	0.31307	8.59E-05	2.7E-05	1.05E-03	2.81E-08	2.27E-01	1.57E-01	1.00E-09	1.0E+06	1.0E-03
205	0.30625	8.59E-05	2.6E-05	1.05E-03	2.75E-08	2.27E-01	1.57E-01	9.83E-10	1.0E+06	9.8E-04
206	0.29932	8.59E-05	2.6E-05	1.05E-03	2.69E-08	2.27E-01	1.57E-01	9.60E-10	1.0E+06	9.6E-04
207	0.29476	8.59E-05	2.5E-05	1.05E-03	2.65E-08	2.27E-01	1.57E-01	9.46E-10	1.0E+06	9.5E-04
208	0.2934	8.59E-05	2.5E-05	1.05E-03	2.63E-08	2.27E-01	1.57E-01	9.41E-10	1.0E+06	9.4E-04
209	0.29443	8.59E-05	2.5E-05	1.05E-03	2.64E-08	2.27E-01	1.57E-01	9.45E-10	1.0E+06	9.4E-04
210	0.29434	8.59E-05	2.5E-05	1.05E-03	2.64E-08	2.27E-01	1.57E-01	9.44E-10	1.0E+06	9.4E-04
211	0.3347	8.59E-05	2.9E-05	1.05E-03	3.01E-08	2.27E-01	1.57E-01	1.07E-09	1.0E+06	1.1E-03
212	0.34302	8.59E-05	2.9E-05	1.05E-03	3.08E-08	2.27E-01	1.57E-01	1.10E-09	1.0E+06	1.1E-03
213	0.33534	8.59E-05	2.9E-05	1.05E-03	3.01E-08	2.27E-01	1.57E-01	1.08E-09	1.0E+06	1.1E-03
214	0.31821	8.59E-05	2.7E-05	1.05E-03	2.86E-08	2.27E-01	1.57E-01	1.02E-09	1.0E+06	1.0E-03
215	0.29926	8.59E-05	2.6E-05	1.05E-03	2.69E-08	2.27E-01	1.57E-01	9.60E-10	1.0E+06	9.6E-04
216	0.2831	8.59E-05	2.4E-05	1.05E-03	2.54E-08	2.27E-01	1.57E-01	9.08E-10	1.0E+06	9.1E-04

Berkley WTPF

BoatL Unmitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
217	0.2715	8.59E-05	2.3E-05	1.05E-03	2.44E-08	2.27E-01	1.57E-01	8.71E-10	1.0E+06	8.7E-04
218	0.26544	8.59E-05	2.3E-05	1.05E-03	2.38E-08	2.27E-01	1.57E-01	8.52E-10	1.0E+06	8.5E-04
219	0.26536	8.59E-05	2.3E-05	1.05E-03	2.38E-08	2.27E-01	1.57E-01	8.51E-10	1.0E+06	8.5E-04
220	0.30212	8.59E-05	2.6E-05	1.05E-03	2.71E-08	2.27E-01	1.57E-01	9.69E-10	1.0E+06	9.7E-04
221	0.2991	8.59E-05	2.6E-05	1.05E-03	2.69E-08	2.27E-01	1.57E-01	9.60E-10	1.0E+06	9.6E-04
222	0.29309	8.59E-05	2.5E-05	1.05E-03	2.63E-08	2.27E-01	1.57E-01	9.40E-10	1.0E+06	9.4E-04
223	0.28627	8.59E-05	2.5E-05	1.05E-03	2.57E-08	2.27E-01	1.57E-01	9.19E-10	1.0E+06	9.2E-04
224	0.28114	8.59E-05	2.4E-05	1.05E-03	2.52E-08	2.27E-01	1.57E-01	9.02E-10	1.0E+06	9.0E-04
225	0.27893	8.59E-05	2.4E-05	1.05E-03	2.50E-08	2.27E-01	1.57E-01	8.95E-10	1.0E+06	8.9E-04
226	0.27927	8.59E-05	2.4E-05	1.05E-03	2.51E-08	2.27E-01	1.57E-01	8.96E-10	1.0E+06	9.0E-04
227	0.30248	8.59E-05	2.6E-05	1.05E-03	2.72E-08	2.27E-01	1.57E-01	9.71E-10	1.0E+06	9.7E-04
228	0.32266	8.59E-05	2.8E-05	1.05E-03	2.90E-08	2.27E-01	1.57E-01	1.04E-09	1.0E+06	1.0E-03
229	0.32726	8.59E-05	2.8E-05	1.05E-03	2.94E-08	2.27E-01	1.57E-01	1.05E-09	1.0E+06	1.1E-03
230	0.31777	8.59E-05	2.7E-05	1.05E-03	2.85E-08	2.27E-01	1.57E-01	1.02E-09	1.0E+06	1.0E-03
231	0.30081	8.59E-05	2.6E-05	1.05E-03	2.70E-08	2.27E-01	1.57E-01	9.65E-10	1.0E+06	9.7E-04
232	0.28309	8.59E-05	2.4E-05	1.05E-03	2.54E-08	2.27E-01	1.57E-01	9.08E-10	1.0E+06	9.1E-04
233	0.26829	8.59E-05	2.3E-05	1.05E-03	2.41E-08	2.27E-01	1.57E-01	8.61E-10	1.0E+06	8.6E-04
234	0.25773	8.59E-05	2.2E-05	1.05E-03	2.31E-08	2.27E-01	1.57E-01	8.27E-10	1.0E+06	8.3E-04
235	0.25222	8.59E-05	2.2E-05	1.05E-03	2.26E-08	2.27E-01	1.57E-01	8.09E-10	1.0E+06	8.1E-04
236	0.25222	8.59E-05	2.2E-05	1.05E-03	2.26E-08	2.27E-01	1.57E-01	8.09E-10	1.0E+06	8.1E-04
237	0.28693	8.59E-05	2.5E-05	1.05E-03	2.58E-08	2.27E-01	1.57E-01	9.21E-10	1.0E+06	9.2E-04
238	0.28808	8.59E-05	2.5E-05	1.05E-03	2.59E-08	2.27E-01	1.57E-01	9.24E-10	1.0E+06	9.2E-04
239	0.28601	8.59E-05	2.5E-05	1.05E-03	2.57E-08	2.27E-01	1.57E-01	9.18E-10	1.0E+06	9.2E-04
240	0.28086	8.59E-05	2.4E-05	1.05E-03	2.52E-08	2.27E-01	1.57E-01	9.01E-10	1.0E+06	9.0E-04
241	0.27435	8.59E-05	2.4E-05	1.05E-03	2.46E-08	2.27E-01	1.57E-01	8.80E-10	1.0E+06	8.8E-04
242	0.26883	8.59E-05	2.3E-05	1.05E-03	2.41E-08	2.27E-01	1.57E-01	8.63E-10	1.0E+06	8.6E-04
243	0.26559	8.59E-05	2.3E-05	1.05E-03	2.38E-08	2.27E-01	1.57E-01	8.52E-10	1.0E+06	8.5E-04
244	0.26466	8.59E-05	2.3E-05	1.05E-03	2.38E-08	2.27E-01	1.57E-01	8.49E-10	1.0E+06	8.5E-04
245	0.31216	8.59E-05	2.7E-05	1.05E-03	2.80E-08	2.27E-01	1.57E-01	1.00E-09	1.0E+06	1.0E-03
246	0.30134	8.59E-05	2.6E-05	1.05E-03	2.71E-08	2.27E-01	1.57E-01	9.67E-10	1.0E+06	9.7E-04
247	0.28477	8.59E-05	2.4E-05	1.05E-03	2.56E-08	2.27E-01	1.57E-01	9.14E-10	1.0E+06	9.1E-04

Berkley WTPF

BoatL Unmitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
248	0.26825	8.59E-05	2.3E-05	1.05E-03	2.41E-08	2.27E-01	1.57E-01	8.61E-10	1.0E+06	8.6E-04
249	0.25469	8.59E-05	2.2E-05	1.05E-03	2.29E-08	2.27E-01	1.57E-01	8.17E-10	1.0E+06	8.2E-04
250	0.24504	8.59E-05	2.1E-05	1.05E-03	2.20E-08	2.27E-01	1.57E-01	7.86E-10	1.0E+06	7.9E-04
251	0.24004	8.59E-05	2.1E-05	1.05E-03	2.16E-08	2.27E-01	1.57E-01	7.70E-10	1.0E+06	7.7E-04
252	0.24009	8.59E-05	2.1E-05	1.05E-03	2.16E-08	2.27E-01	1.57E-01	7.70E-10	1.0E+06	7.7E-04
253	0.27335	8.59E-05	2.3E-05	1.05E-03	2.45E-08	2.27E-01	1.57E-01	8.77E-10	1.0E+06	8.8E-04
254	0.27495	8.59E-05	2.4E-05	1.05E-03	2.47E-08	2.27E-01	1.57E-01	8.82E-10	1.0E+06	8.8E-04
255	0.2737	8.59E-05	2.4E-05	1.05E-03	2.46E-08	2.27E-01	1.57E-01	8.78E-10	1.0E+06	8.8E-04
256	0.26943	8.59E-05	2.3E-05	1.05E-03	2.42E-08	2.27E-01	1.57E-01	8.64E-10	1.0E+06	8.6E-04
257	0.26336	8.59E-05	2.3E-05	1.05E-03	2.36E-08	2.27E-01	1.57E-01	8.45E-10	1.0E+06	8.5E-04
258	0.25766	8.59E-05	2.2E-05	1.05E-03	2.31E-08	2.27E-01	1.57E-01	8.27E-10	1.0E+06	8.3E-04
259	0.25355	8.59E-05	2.2E-05	1.05E-03	2.28E-08	2.27E-01	1.57E-01	8.14E-10	1.0E+06	8.1E-04
260	0.23334	8.59E-05	2.0E-05	1.05E-03	2.10E-08	2.27E-01	1.57E-01	7.49E-10	1.0E+06	7.5E-04
261	0.22878	8.59E-05	2.0E-05	1.05E-03	2.05E-08	2.27E-01	1.57E-01	7.34E-10	1.0E+06	7.3E-04
262	0.25717	8.59E-05	2.2E-05	1.05E-03	2.31E-08	2.27E-01	1.57E-01	8.25E-10	1.0E+06	8.3E-04
263	0.26073	8.59E-05	2.2E-05	1.05E-03	2.34E-08	2.27E-01	1.57E-01	8.37E-10	1.0E+06	8.4E-04
264	0.26266	8.59E-05	2.3E-05	1.05E-03	2.36E-08	2.27E-01	1.57E-01	8.43E-10	1.0E+06	8.4E-04
265	0.26212	8.59E-05	2.3E-05	1.05E-03	2.35E-08	2.27E-01	1.57E-01	8.41E-10	1.0E+06	8.4E-04
266	0.25869	8.59E-05	2.2E-05	1.05E-03	2.32E-08	2.27E-01	1.57E-01	8.30E-10	1.0E+06	8.3E-04
267	0.25318	8.59E-05	2.2E-05	1.05E-03	2.27E-08	2.27E-01	1.57E-01	8.12E-10	1.0E+06	8.1E-04
268	0.24742	8.59E-05	2.1E-05	1.05E-03	2.22E-08	2.27E-01	1.57E-01	7.94E-10	1.0E+06	7.9E-04
269	0.24261	8.59E-05	2.1E-05	1.05E-03	2.18E-08	2.27E-01	1.57E-01	7.78E-10	1.0E+06	7.8E-04
270	0.24546	8.59E-05	2.1E-05	1.05E-03	2.20E-08	2.27E-01	1.57E-01	7.88E-10	1.0E+06	7.9E-04
271	0.24899	8.59E-05	2.1E-05	1.05E-03	2.24E-08	2.27E-01	1.57E-01	7.99E-10	1.0E+06	8.0E-04
272	0.25114	8.59E-05	2.2E-05	1.05E-03	2.26E-08	2.27E-01	1.57E-01	8.06E-10	1.0E+06	8.1E-04
273	0.25119	8.59E-05	2.2E-05	1.05E-03	2.26E-08	2.27E-01	1.57E-01	8.06E-10	1.0E+06	8.1E-04
274	0.24857	8.59E-05	2.1E-05	1.05E-03	2.23E-08	2.27E-01	1.57E-01	7.98E-10	1.0E+06	8.0E-04
275	0.24369	8.59E-05	2.1E-05	1.05E-03	2.19E-08	2.27E-01	1.57E-01	7.82E-10	1.0E+06	7.8E-04
276	0.23757	8.59E-05	2.0E-05	1.05E-03	2.13E-08	2.27E-01	1.57E-01	7.62E-10	1.0E+06	7.6E-04
277	0.20388	8.59E-05	1.8E-05	1.05E-03	1.83E-08	2.27E-01	1.57E-01	6.54E-10	1.0E+06	6.5E-04
278	0.2281	8.59E-05	2.0E-05	1.05E-03	2.05E-08	2.27E-01	1.57E-01	7.32E-10	1.0E+06	7.3E-04

Berkley WTPF

BoatL Unmitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
279	0.25232	8.59E-05	2.2E-05	1.05E-03	2.27E-08	2.27E-01	1.57E-01	8.10E-10	1.0E+06	8.1E-04
280	0.26998	8.59E-05	2.3E-05	1.05E-03	2.42E-08	2.27E-01	1.57E-01	8.66E-10	1.0E+06	8.7E-04
281	0.27622	8.59E-05	2.4E-05	1.05E-03	2.48E-08	2.27E-01	1.57E-01	8.86E-10	1.0E+06	8.9E-04
282	0.23013	8.59E-05	2.0E-05	1.05E-03	2.07E-08	2.27E-01	1.57E-01	7.38E-10	1.0E+06	7.4E-04
283	0.23459	8.59E-05	2.0E-05	1.05E-03	2.11E-08	2.27E-01	1.57E-01	7.53E-10	1.0E+06	7.5E-04
284	0.23805	8.59E-05	2.0E-05	1.05E-03	2.14E-08	2.27E-01	1.57E-01	7.64E-10	1.0E+06	7.6E-04
285	0.24035	8.59E-05	2.1E-05	1.05E-03	2.16E-08	2.27E-01	1.57E-01	7.71E-10	1.0E+06	7.7E-04
286	0.24089	8.59E-05	2.1E-05	1.05E-03	2.16E-08	2.27E-01	1.57E-01	7.73E-10	1.0E+06	7.7E-04
287	0.23899	8.59E-05	2.1E-05	1.05E-03	2.15E-08	2.27E-01	1.57E-01	7.67E-10	1.0E+06	7.7E-04
288	0.23477	8.59E-05	2.0E-05	1.05E-03	2.11E-08	2.27E-01	1.57E-01	7.53E-10	1.0E+06	7.5E-04
289	0.22849	8.59E-05	2.0E-05	1.05E-03	2.05E-08	2.27E-01	1.57E-01	7.33E-10	1.0E+06	7.3E-04
290	0.1819	8.59E-05	1.6E-05	1.05E-03	1.63E-08	2.27E-01	1.57E-01	5.84E-10	1.0E+06	5.8E-04
291	0.20129	8.59E-05	1.7E-05	1.05E-03	1.81E-08	2.27E-01	1.57E-01	6.46E-10	1.0E+06	6.5E-04
292	0.2247	8.59E-05	1.9E-05	1.05E-03	2.02E-08	2.27E-01	1.57E-01	7.21E-10	1.0E+06	7.2E-04
293	0.2469	8.59E-05	2.1E-05	1.05E-03	2.22E-08	2.27E-01	1.57E-01	7.92E-10	1.0E+06	7.9E-04
294	0.26166	8.59E-05	2.2E-05	1.05E-03	2.35E-08	2.27E-01	1.57E-01	8.40E-10	1.0E+06	8.4E-04
295	0.26527	8.59E-05	2.3E-05	1.05E-03	2.38E-08	2.27E-01	1.57E-01	8.51E-10	1.0E+06	8.5E-04
296	0.25855	8.59E-05	2.2E-05	1.05E-03	2.32E-08	2.27E-01	1.57E-01	8.30E-10	1.0E+06	8.3E-04
297	0.24585	8.59E-05	2.1E-05	1.05E-03	2.21E-08	2.27E-01	1.57E-01	7.89E-10	1.0E+06	7.9E-04
298	0.23195	8.59E-05	2.0E-05	1.05E-03	2.08E-08	2.27E-01	1.57E-01	7.44E-10	1.0E+06	7.4E-04
299	0.21971	8.59E-05	1.9E-05	1.05E-03	1.97E-08	2.27E-01	1.57E-01	7.05E-10	1.0E+06	7.0E-04
300	0.21003	8.59E-05	1.8E-05	1.05E-03	1.89E-08	2.27E-01	1.57E-01	6.74E-10	1.0E+06	6.7E-04
301	0.22017	8.59E-05	1.9E-05	1.05E-03	1.98E-08	2.27E-01	1.57E-01	7.06E-10	1.0E+06	7.1E-04
302	0.22447	8.59E-05	1.9E-05	1.05E-03	2.02E-08	2.27E-01	1.57E-01	7.20E-10	1.0E+06	7.2E-04
303	0.22785	8.59E-05	2.0E-05	1.05E-03	2.05E-08	2.27E-01	1.57E-01	7.31E-10	1.0E+06	7.3E-04
304	0.23024	8.59E-05	2.0E-05	1.05E-03	2.07E-08	2.27E-01	1.57E-01	7.39E-10	1.0E+06	7.4E-04
305	0.23116	8.59E-05	2.0E-05	1.05E-03	2.08E-08	2.27E-01	1.57E-01	7.42E-10	1.0E+06	7.4E-04
306	0.2299	8.59E-05	2.0E-05	1.05E-03	2.06E-08	2.27E-01	1.57E-01	7.38E-10	1.0E+06	7.4E-04
307	0.22636	8.59E-05	1.9E-05	1.05E-03	2.03E-08	2.27E-01	1.57E-01	7.26E-10	1.0E+06	7.3E-04
308	0.17877	8.59E-05	1.5E-05	1.05E-03	1.61E-08	2.27E-01	1.57E-01	5.74E-10	1.0E+06	5.7E-04
309	0.19868	8.59E-05	1.7E-05	1.05E-03	1.78E-08	2.27E-01	1.57E-01	6.37E-10	1.0E+06	6.4E-04

Berkley WTPF

BoatL Unmitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
310	0.22128	8.59E-05	1.9E-05	1.05E-03	1.99E-08	2.27E-01	1.57E-01	7.10E-10	1.0E+06	7.1E-04
311	0.24134	8.59E-05	2.1E-05	1.05E-03	2.17E-08	2.27E-01	1.57E-01	7.74E-10	1.0E+06	7.7E-04
312	0.25334	8.59E-05	2.2E-05	1.05E-03	2.27E-08	2.27E-01	1.57E-01	8.13E-10	1.0E+06	8.1E-04
313	0.25465	8.59E-05	2.2E-05	1.05E-03	2.29E-08	2.27E-01	1.57E-01	8.17E-10	1.0E+06	8.2E-04
314	0.24683	8.59E-05	2.1E-05	1.05E-03	2.22E-08	2.27E-01	1.57E-01	7.92E-10	1.0E+06	7.9E-04
315	0.23423	8.59E-05	2.0E-05	1.05E-03	2.10E-08	2.27E-01	1.57E-01	7.52E-10	1.0E+06	7.5E-04
316	0.22111	8.59E-05	1.9E-05	1.05E-03	1.99E-08	2.27E-01	1.57E-01	7.09E-10	1.0E+06	7.1E-04
317	0.20978	8.59E-05	1.8E-05	1.05E-03	1.88E-08	2.27E-01	1.57E-01	6.73E-10	1.0E+06	6.7E-04
318	0.20085	8.59E-05	1.7E-05	1.05E-03	1.80E-08	2.27E-01	1.57E-01	6.44E-10	1.0E+06	6.4E-04
319	0.19454	8.59E-05	1.7E-05	1.05E-03	1.75E-08	2.27E-01	1.57E-01	6.24E-10	1.0E+06	6.2E-04
320	0.19133	8.59E-05	1.6E-05	1.05E-03	1.72E-08	2.27E-01	1.57E-01	6.14E-10	1.0E+06	6.1E-04
321	0.19155	8.59E-05	1.6E-05	1.05E-03	1.72E-08	2.27E-01	1.57E-01	6.15E-10	1.0E+06	6.1E-04
322	0.19487	8.59E-05	1.7E-05	1.05E-03	1.75E-08	2.27E-01	1.57E-01	6.25E-10	1.0E+06	6.3E-04
323	0.21089	8.59E-05	1.8E-05	1.05E-03	1.89E-08	2.27E-01	1.57E-01	6.77E-10	1.0E+06	6.8E-04
324	0.21504	8.59E-05	1.8E-05	1.05E-03	1.93E-08	2.27E-01	1.57E-01	6.90E-10	1.0E+06	6.9E-04
325	0.21832	8.59E-05	1.9E-05	1.05E-03	1.96E-08	2.27E-01	1.57E-01	7.00E-10	1.0E+06	7.0E-04
326	0.22076	8.59E-05	1.9E-05	1.05E-03	1.98E-08	2.27E-01	1.57E-01	7.08E-10	1.0E+06	7.1E-04
327	0.22197	8.59E-05	1.9E-05	1.05E-03	1.99E-08	2.27E-01	1.57E-01	7.12E-10	1.0E+06	7.1E-04
328	0.22128	8.59E-05	1.9E-05	1.05E-03	1.99E-08	2.27E-01	1.57E-01	7.10E-10	1.0E+06	7.1E-04
329	0.21839	8.59E-05	1.9E-05	1.05E-03	1.96E-08	2.27E-01	1.57E-01	7.01E-10	1.0E+06	7.0E-04
330	0.17615	8.59E-05	1.5E-05	1.05E-03	1.58E-08	2.27E-01	1.57E-01	5.65E-10	1.0E+06	5.7E-04
331	0.19628	8.59E-05	1.7E-05	1.05E-03	1.76E-08	2.27E-01	1.57E-01	6.30E-10	1.0E+06	6.3E-04
332	0.21781	8.59E-05	1.9E-05	1.05E-03	1.96E-08	2.27E-01	1.57E-01	6.99E-10	1.0E+06	7.0E-04
333	0.23565	8.59E-05	2.0E-05	1.05E-03	2.12E-08	2.27E-01	1.57E-01	7.56E-10	1.0E+06	7.6E-04
334	0.24507	8.59E-05	2.1E-05	1.05E-03	2.20E-08	2.27E-01	1.57E-01	7.86E-10	1.0E+06	7.9E-04
335	0.2444	8.59E-05	2.1E-05	1.05E-03	2.19E-08	2.27E-01	1.57E-01	7.84E-10	1.0E+06	7.8E-04
336	0.23575	8.59E-05	2.0E-05	1.05E-03	2.12E-08	2.27E-01	1.57E-01	7.56E-10	1.0E+06	7.6E-04
337	0.22339	8.59E-05	1.9E-05	1.05E-03	2.01E-08	2.27E-01	1.57E-01	7.17E-10	1.0E+06	7.2E-04
338	0.21105	8.59E-05	1.8E-05	1.05E-03	1.90E-08	2.27E-01	1.57E-01	6.77E-10	1.0E+06	6.8E-04
339	0.20055	8.59E-05	1.7E-05	1.05E-03	1.80E-08	2.27E-01	1.57E-01	6.43E-10	1.0E+06	6.4E-04
340	0.19231	8.59E-05	1.7E-05	1.05E-03	1.73E-08	2.27E-01	1.57E-01	6.17E-10	1.0E+06	6.2E-04

Berkley WTPF

BoatL Unmitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
341	0.18648	8.59E-05	1.6E-05	1.05E-03	1.67E-08	2.27E-01	1.57E-01	5.98E-10	1.0E+06	6.0E-04
342	0.18352	8.59E-05	1.6E-05	1.05E-03	1.65E-08	2.27E-01	1.57E-01	5.89E-10	1.0E+06	5.9E-04
343	0.18376	8.59E-05	1.6E-05	1.05E-03	1.65E-08	2.27E-01	1.57E-01	5.90E-10	1.0E+06	5.9E-04
344	0.1869	8.59E-05	1.6E-05	1.05E-03	1.68E-08	2.27E-01	1.57E-01	6.00E-10	1.0E+06	6.0E-04
345	0.19186	8.59E-05	1.6E-05	1.05E-03	1.72E-08	2.27E-01	1.57E-01	6.16E-10	1.0E+06	6.2E-04
346	0.1973	8.59E-05	1.7E-05	1.05E-03	1.77E-08	2.27E-01	1.57E-01	6.33E-10	1.0E+06	6.3E-04
347	0.20222	8.59E-05	1.7E-05	1.05E-03	1.82E-08	2.27E-01	1.57E-01	6.49E-10	1.0E+06	6.5E-04
348	0.20624	8.59E-05	1.8E-05	1.05E-03	1.85E-08	2.27E-01	1.57E-01	6.62E-10	1.0E+06	6.6E-04
349	0.20942	8.59E-05	1.8E-05	1.05E-03	1.88E-08	2.27E-01	1.57E-01	6.72E-10	1.0E+06	6.7E-04
350	0.21187	8.59E-05	1.8E-05	1.05E-03	1.90E-08	2.27E-01	1.57E-01	6.80E-10	1.0E+06	6.8E-04
351	0.21307	8.59E-05	1.8E-05	1.05E-03	1.91E-08	2.27E-01	1.57E-01	6.84E-10	1.0E+06	6.8E-04
352	0.21273	8.59E-05	1.8E-05	1.05E-03	1.91E-08	2.27E-01	1.57E-01	6.83E-10	1.0E+06	6.8E-04
353	0.17395	8.59E-05	1.5E-05	1.05E-03	1.56E-08	2.27E-01	1.57E-01	5.58E-10	1.0E+06	5.6E-04
354	0.19399	8.59E-05	1.7E-05	1.05E-03	1.74E-08	2.27E-01	1.57E-01	6.22E-10	1.0E+06	6.2E-04
355	0.21423	8.59E-05	1.8E-05	1.05E-03	1.92E-08	2.27E-01	1.57E-01	6.87E-10	1.0E+06	6.9E-04
356	0.22984	8.59E-05	2.0E-05	1.05E-03	2.06E-08	2.27E-01	1.57E-01	7.37E-10	1.0E+06	7.4E-04
357	0.23688	8.59E-05	2.0E-05	1.05E-03	2.13E-08	2.27E-01	1.57E-01	7.60E-10	1.0E+06	7.6E-04
358	0.23452	8.59E-05	2.0E-05	1.05E-03	2.11E-08	2.27E-01	1.57E-01	7.52E-10	1.0E+06	7.5E-04
359	0.2253	8.59E-05	1.9E-05	1.05E-03	2.02E-08	2.27E-01	1.57E-01	7.23E-10	1.0E+06	7.2E-04
360	0.21328	8.59E-05	1.8E-05	1.05E-03	1.92E-08	2.27E-01	1.57E-01	6.84E-10	1.0E+06	6.8E-04
361	0.2017	8.59E-05	1.7E-05	1.05E-03	1.81E-08	2.27E-01	1.57E-01	6.47E-10	1.0E+06	6.5E-04
362	0.19198	8.59E-05	1.6E-05	1.05E-03	1.72E-08	2.27E-01	1.57E-01	6.16E-10	1.0E+06	6.2E-04
363	0.18435	8.59E-05	1.6E-05	1.05E-03	1.66E-08	2.27E-01	1.57E-01	5.92E-10	1.0E+06	5.9E-04
364	0.17896	8.59E-05	1.5E-05	1.05E-03	1.61E-08	2.27E-01	1.57E-01	5.74E-10	1.0E+06	5.7E-04
365	0.17622	8.59E-05	1.5E-05	1.05E-03	1.58E-08	2.27E-01	1.57E-01	5.65E-10	1.0E+06	5.7E-04
366	0.17649	8.59E-05	1.5E-05	1.05E-03	1.58E-08	2.27E-01	1.57E-01	5.66E-10	1.0E+06	5.7E-04
367	0.17946	8.59E-05	1.5E-05	1.05E-03	1.61E-08	2.27E-01	1.57E-01	5.76E-10	1.0E+06	5.8E-04
368	0.18417	8.59E-05	1.6E-05	1.05E-03	1.65E-08	2.27E-01	1.57E-01	5.91E-10	1.0E+06	5.9E-04
369	0.18937	8.59E-05	1.6E-05	1.05E-03	1.70E-08	2.27E-01	1.57E-01	6.08E-10	1.0E+06	6.1E-04
370	0.19408	8.59E-05	1.7E-05	1.05E-03	1.74E-08	2.27E-01	1.57E-01	6.23E-10	1.0E+06	6.2E-04
371	0.19794	8.59E-05	1.7E-05	1.05E-03	1.78E-08	2.27E-01	1.57E-01	6.35E-10	1.0E+06	6.4E-04

Berkley WTPF

BoatL Unmitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
372	0.20101	8.59E-05	1.7E-05	1.05E-03	1.80E-08	2.27E-01	1.57E-01	6.45E-10	1.0E+06	6.4E-04
373	0.19174	8.59E-05	1.6E-05	1.05E-03	1.72E-08	2.27E-01	1.57E-01	6.15E-10	1.0E+06	6.2E-04
374	0.21052	8.59E-05	1.8E-05	1.05E-03	1.89E-08	2.27E-01	1.57E-01	6.75E-10	1.0E+06	6.8E-04
375	0.22393	8.59E-05	1.9E-05	1.05E-03	2.01E-08	2.27E-01	1.57E-01	7.18E-10	1.0E+06	7.2E-04
376	0.22879	8.59E-05	2.0E-05	1.05E-03	2.05E-08	2.27E-01	1.57E-01	7.34E-10	1.0E+06	7.3E-04
377	0.22503	8.59E-05	1.9E-05	1.05E-03	2.02E-08	2.27E-01	1.57E-01	7.22E-10	1.0E+06	7.2E-04
378	0.21544	8.59E-05	1.9E-05	1.05E-03	1.93E-08	2.27E-01	1.57E-01	6.91E-10	1.0E+06	6.9E-04
379	0.20384	8.59E-05	1.8E-05	1.05E-03	1.83E-08	2.27E-01	1.57E-01	6.54E-10	1.0E+06	6.5E-04
380	0.193	8.59E-05	1.7E-05	1.05E-03	1.73E-08	2.27E-01	1.57E-01	6.19E-10	1.0E+06	6.2E-04
381	0.18399	8.59E-05	1.6E-05	1.05E-03	1.65E-08	2.27E-01	1.57E-01	5.90E-10	1.0E+06	5.9E-04
382	0.17693	8.59E-05	1.5E-05	1.05E-03	1.59E-08	2.27E-01	1.57E-01	5.68E-10	1.0E+06	5.7E-04
383	0.17193	8.59E-05	1.5E-05	1.05E-03	1.54E-08	2.27E-01	1.57E-01	5.52E-10	1.0E+06	5.5E-04
384	0.1694	8.59E-05	1.5E-05	1.05E-03	1.52E-08	2.27E-01	1.57E-01	5.44E-10	1.0E+06	5.4E-04
385	0.16967	8.59E-05	1.5E-05	1.05E-03	1.52E-08	2.27E-01	1.57E-01	5.44E-10	1.0E+06	5.4E-04
386	0.17249	8.59E-05	1.5E-05	1.05E-03	1.55E-08	2.27E-01	1.57E-01	5.53E-10	1.0E+06	5.5E-04
387	0.17697	8.59E-05	1.5E-05	1.05E-03	1.59E-08	2.27E-01	1.57E-01	5.68E-10	1.0E+06	5.7E-04
388	0.1818	8.59E-05	1.6E-05	1.05E-03	1.63E-08	2.27E-01	1.57E-01	5.83E-10	1.0E+06	5.8E-04
389	0.18922	8.59E-05	1.6E-05	1.05E-03	1.70E-08	2.27E-01	1.57E-01	6.07E-10	1.0E+06	6.1E-04
390	0.20639	8.59E-05	1.8E-05	1.05E-03	1.85E-08	2.27E-01	1.57E-01	6.62E-10	1.0E+06	6.6E-04
391	0.21782	8.59E-05	1.9E-05	1.05E-03	1.96E-08	2.27E-01	1.57E-01	6.99E-10	1.0E+06	7.0E-04
392	0.22085	8.59E-05	1.9E-05	1.05E-03	1.98E-08	2.27E-01	1.57E-01	7.09E-10	1.0E+06	7.1E-04
393	0.21593	8.59E-05	1.9E-05	1.05E-03	1.94E-08	2.27E-01	1.57E-01	6.93E-10	1.0E+06	6.9E-04
394	0.20616	8.59E-05	1.8E-05	1.05E-03	1.85E-08	2.27E-01	1.57E-01	6.61E-10	1.0E+06	6.6E-04
395	0.19503	8.59E-05	1.7E-05	1.05E-03	1.75E-08	2.27E-01	1.57E-01	6.26E-10	1.0E+06	6.3E-04
396	0.18489	8.59E-05	1.6E-05	1.05E-03	1.66E-08	2.27E-01	1.57E-01	5.93E-10	1.0E+06	5.9E-04
397	0.17654	8.59E-05	1.5E-05	1.05E-03	1.59E-08	2.27E-01	1.57E-01	5.66E-10	1.0E+06	5.7E-04
398	0.16999	8.59E-05	1.5E-05	1.05E-03	1.53E-08	2.27E-01	1.57E-01	5.45E-10	1.0E+06	5.5E-04
399	0.16534	8.59E-05	1.4E-05	1.05E-03	1.48E-08	2.27E-01	1.57E-01	5.31E-10	1.0E+06	5.3E-04
400	0.16301	8.59E-05	1.4E-05	1.05E-03	1.46E-08	2.27E-01	1.57E-01	5.23E-10	1.0E+06	5.2E-04
401	0.16329	8.59E-05	1.4E-05	1.05E-03	1.47E-08	2.27E-01	1.57E-01	5.24E-10	1.0E+06	5.2E-04
402	0.16597	8.59E-05	1.4E-05	1.05E-03	1.49E-08	2.27E-01	1.57E-01	5.33E-10	1.0E+06	5.3E-04

Berkley WTPF

BoatL Unmitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
403	0.17023	8.59E-05	1.5E-05	1.05E-03	1.53E-08	2.27E-01	1.57E-01	5.46E-10	1.0E+06	5.5E-04
404	0.20192	8.59E-05	1.7E-05	1.05E-03	1.81E-08	2.27E-01	1.57E-01	6.48E-10	1.0E+06	6.5E-04
405	0.21156	8.59E-05	1.8E-05	1.05E-03	1.90E-08	2.27E-01	1.57E-01	6.79E-10	1.0E+06	6.8E-04
406	0.21302	8.59E-05	1.8E-05	1.05E-03	1.91E-08	2.27E-01	1.57E-01	6.83E-10	1.0E+06	6.8E-04
407	0.20724	8.59E-05	1.8E-05	1.05E-03	1.86E-08	2.27E-01	1.57E-01	6.65E-10	1.0E+06	6.6E-04
408	0.19742	8.59E-05	1.7E-05	1.05E-03	1.77E-08	2.27E-01	1.57E-01	6.33E-10	1.0E+06	6.3E-04
409	0.1868	8.59E-05	1.6E-05	1.05E-03	1.68E-08	2.27E-01	1.57E-01	5.99E-10	1.0E+06	6.0E-04
410	0.17733	8.59E-05	1.5E-05	1.05E-03	1.59E-08	2.27E-01	1.57E-01	5.69E-10	1.0E+06	5.7E-04
411	0.16958	8.59E-05	1.5E-05	1.05E-03	1.52E-08	2.27E-01	1.57E-01	5.44E-10	1.0E+06	5.4E-04
412	0.16349	8.59E-05	1.4E-05	1.05E-03	1.47E-08	2.27E-01	1.57E-01	5.25E-10	1.0E+06	5.2E-04
413	0.15917	8.59E-05	1.4E-05	1.05E-03	1.43E-08	2.27E-01	1.57E-01	5.11E-10	1.0E+06	5.1E-04
414	0.157	8.59E-05	1.3E-05	1.05E-03	1.41E-08	2.27E-01	1.57E-01	5.04E-10	1.0E+06	5.0E-04
415	0.15729	8.59E-05	1.4E-05	1.05E-03	1.41E-08	2.27E-01	1.57E-01	5.05E-10	1.0E+06	5.0E-04
416	0.15984	8.59E-05	1.4E-05	1.05E-03	1.44E-08	2.27E-01	1.57E-01	5.13E-10	1.0E+06	5.1E-04
417	0.16388	8.59E-05	1.4E-05	1.05E-03	1.47E-08	2.27E-01	1.57E-01	5.26E-10	1.0E+06	5.3E-04
418	0.20472	8.59E-05	1.8E-05	1.05E-03	1.84E-08	2.27E-01	1.57E-01	6.57E-10	1.0E+06	6.6E-04
419	0.1989	8.59E-05	1.7E-05	1.05E-03	1.79E-08	2.27E-01	1.57E-01	6.38E-10	1.0E+06	6.4E-04
420	0.18919	8.59E-05	1.6E-05	1.05E-03	1.70E-08	2.27E-01	1.57E-01	6.07E-10	1.0E+06	6.1E-04
421	0.1791	8.59E-05	1.5E-05	1.05E-03	1.61E-08	2.27E-01	1.57E-01	5.75E-10	1.0E+06	5.7E-04
422	0.17027	8.59E-05	1.5E-05	1.05E-03	1.53E-08	2.27E-01	1.57E-01	5.46E-10	1.0E+06	5.5E-04
423	0.16307	8.59E-05	1.4E-05	1.05E-03	1.46E-08	2.27E-01	1.57E-01	5.23E-10	1.0E+06	5.2E-04
424	0.1574	8.59E-05	1.4E-05	1.05E-03	1.41E-08	2.27E-01	1.57E-01	5.05E-10	1.0E+06	5.1E-04
425	0.15337	8.59E-05	1.3E-05	1.05E-03	1.38E-08	2.27E-01	1.57E-01	4.92E-10	1.0E+06	4.9E-04
426	0.15136	8.59E-05	1.3E-05	1.05E-03	1.36E-08	2.27E-01	1.57E-01	4.86E-10	1.0E+06	4.9E-04
427	0.15166	8.59E-05	1.3E-05	1.05E-03	1.36E-08	2.27E-01	1.57E-01	4.87E-10	1.0E+06	4.9E-04
428	0.15408	8.59E-05	1.3E-05	1.05E-03	1.38E-08	2.27E-01	1.57E-01	4.94E-10	1.0E+06	4.9E-04
429	0.15766	8.59E-05	1.4E-05	1.05E-03	1.42E-08	2.27E-01	1.57E-01	5.06E-10	1.0E+06	5.1E-04
430	0.15662	8.59E-05	1.3E-05	1.05E-03	1.41E-08	2.27E-01	1.57E-01	5.03E-10	1.0E+06	5.0E-04
431	0.15143	8.59E-05	1.3E-05	1.05E-03	1.36E-08	2.27E-01	1.57E-01	4.86E-10	1.0E+06	4.9E-04
432	0.14767	8.59E-05	1.3E-05	1.05E-03	1.33E-08	2.27E-01	1.57E-01	4.74E-10	1.0E+06	4.7E-04
433	0.14596	8.59E-05	1.3E-05	1.05E-03	1.31E-08	2.27E-01	1.57E-01	4.68E-10	1.0E+06	4.7E-04

Berkley WTPF

BoatL Unmitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
434	0.14635	8.59E-05	1.3E-05	1.05E-03	1.31E-08	2.27E-01	1.57E-01	4.70E-10	1.0E+06	4.7E-04
435	0.14866	8.59E-05	1.3E-05	1.05E-03	1.33E-08	2.27E-01	1.57E-01	4.77E-10	1.0E+06	4.8E-04

Berkley WTPF
BoatL Unmitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
		Residence	
1	5	1.10E-05	1.10E-05
2	5	1.08E-05	1.08E-05
3	5	1.01E-05	1.01E-05
4	5	9.53E-06	9.53E-06
5	5	9.15E-06	9.15E-06
6	5	9.08E-06	9.08E-06
7	5	9.26E-06	9.26E-06
8	5	9.55E-06	9.55E-06
9	5	9.95E-06	9.95E-06
10	5	1.03E-05	1.03E-05
11	5	9.97E-06	9.97E-06
12	5	9.36E-06	9.36E-06
13	5	8.81E-06	8.81E-06
14	5	8.49E-06	8.49E-06
15	5	8.45E-06	8.45E-06
16	5	8.62E-06	8.62E-06
17	5	8.89E-06	8.89E-06
18	5	9.12E-06	9.12E-06
19	5	9.25E-06	9.25E-06
20	5	9.26E-06	9.26E-06
21	5	9.43E-06	9.43E-06
22	5	9.61E-06	9.61E-06
23	5	9.24E-06	9.24E-06
24	5	8.67E-06	8.67E-06
25	5	8.17E-06	8.17E-06
26	5	7.89E-06	7.89E-06
27	5	7.86E-06	7.86E-06
28	5	8.02E-06	8.02E-06
29	5	8.26E-06	8.26E-06
30	5	8.49E-06	8.49E-06

Max	Receptor #	
1.098E-05	1	Res
2.027E-05	437	Park
3.125E-05	1	Total

Berkley WTPF
BoatL Unmitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
31	5	8.65E-06	8.65E-06
32	5	8.70E-06	8.70E-06
33	5	8.60E-06	8.60E-06
34	5	8.41E-06	8.41E-06
35	5	8.24E-06	8.24E-06
36	5	8.13E-06	8.13E-06
37	5	8.96E-06	8.96E-06
38	5	8.99E-06	8.99E-06
39	5	8.59E-06	8.59E-06
40	5	8.05E-06	8.05E-06
41	5	7.60E-06	7.60E-06
42	5	7.35E-06	7.35E-06
43	5	7.33E-06	7.33E-06
44	5	7.48E-06	7.48E-06
45	5	7.70E-06	7.70E-06
46	5	7.92E-06	7.92E-06
47	5	8.08E-06	8.08E-06
48	5	8.14E-06	8.14E-06
49	5	8.08E-06	8.08E-06
50	5	7.92E-06	7.92E-06
51	5	7.74E-06	7.74E-06
52	5	7.62E-06	7.62E-06
53	5	7.59E-06	7.59E-06
54	5	7.62E-06	7.62E-06
55	5	7.64E-06	7.64E-06
56	5	8.04E-06	8.04E-06
57	5	8.49E-06	8.49E-06
58	5	8.41E-06	8.41E-06
59	5	8.00E-06	8.00E-06
60	5	7.50E-06	7.50E-06
61	5	7.09E-06	7.09E-06

Berkley WTPF
BoatL Unmitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
62	5	6.87E-06	6.87E-06
63	5	6.85E-06	6.85E-06
64	5	6.99E-06	6.99E-06
65	5	7.20E-06	7.20E-06
66	5	7.41E-06	7.41E-06
67	5	7.56E-06	7.56E-06
68	5	7.64E-06	7.64E-06
69	5	7.60E-06	7.60E-06
70	5	7.47E-06	7.47E-06
71	5	7.29E-06	7.29E-06
72	5	7.17E-06	7.17E-06
73	5	7.12E-06	7.12E-06
74	5	7.14E-06	7.14E-06
75	5	7.17E-06	7.17E-06
76	5	7.71E-06	7.71E-06
77	5	8.03E-06	8.03E-06
78	5	7.88E-06	7.88E-06
79	5	7.46E-06	7.46E-06
80	5	7.00E-06	7.00E-06
81	5	6.64E-06	6.64E-06
82	5	6.44E-06	6.44E-06
83	5	6.42E-06	6.42E-06
84	5	6.55E-06	6.55E-06
85	5	6.75E-06	6.75E-06
86	5	6.94E-06	6.94E-06
87	5	7.09E-06	7.09E-06
88	5	7.18E-06	7.18E-06
89	5	7.17E-06	7.17E-06
90	5	7.06E-06	7.06E-06
91	5	6.90E-06	6.90E-06
92	5	6.76E-06	6.76E-06

Berkley WTPF
BoatL Unmitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
93	5	6.69E-06	6.69E-06
94	5	6.70E-06	6.70E-06
95	5	6.73E-06	6.73E-06
96	5	6.75E-06	6.75E-06
97	5	6.72E-06	6.72E-06
98	5	7.38E-06	7.38E-06
99	5	7.59E-06	7.59E-06
100	5	7.39E-06	7.39E-06
101	5	6.98E-06	6.98E-06
102	5	6.55E-06	6.55E-06
103	5	6.22E-06	6.22E-06
104	5	6.05E-06	6.05E-06
105	5	6.04E-06	6.04E-06
106	5	6.16E-06	6.16E-06
107	5	6.34E-06	6.34E-06
108	5	6.52E-06	6.52E-06
109	5	6.67E-06	6.67E-06
110	5	6.76E-06	6.76E-06
111	5	6.77E-06	6.77E-06
112	5	6.69E-06	6.69E-06
113	5	6.54E-06	6.54E-06
114	5	6.39E-06	6.39E-06
115	5	6.31E-06	6.31E-06
116	5	6.30E-06	6.30E-06
117	5	6.33E-06	6.33E-06
118	5	6.36E-06	6.36E-06
119	5	6.36E-06	6.36E-06
120	5	6.29E-06	6.29E-06
121	5	6.56E-06	6.56E-06
122	5	7.06E-06	7.06E-06
123	5	7.18E-06	7.18E-06

Berkley WTPF
BoatL Unmitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
124	5	6.94E-06	6.94E-06
125	5	6.54E-06	6.54E-06
126	5	6.15E-06	6.15E-06
127	5	5.85E-06	5.85E-06
128	5	5.69E-06	5.69E-06
129	5	5.68E-06	5.68E-06
130	5	5.80E-06	5.80E-06
131	5	5.97E-06	5.97E-06
132	5	6.14E-06	6.14E-06
133	5	6.28E-06	6.28E-06
134	5	6.37E-06	6.37E-06
135	5	6.40E-06	6.40E-06
136	5	6.34E-06	6.34E-06
137	5	6.21E-06	6.21E-06
138	5	6.07E-06	6.07E-06
139	5	5.97E-06	5.97E-06
140	5	5.94E-06	5.94E-06
141	5	5.96E-06	5.96E-06
142	5	5.99E-06	5.99E-06
143	5	6.01E-06	6.01E-06
144	5	5.97E-06	5.97E-06
145	5	6.35E-06	6.35E-06
146	5	6.76E-06	6.76E-06
147	5	6.79E-06	6.79E-06
148	5	6.53E-06	6.53E-06
149	5	6.14E-06	6.14E-06
150	5	5.78E-06	5.78E-06
151	5	5.51E-06	5.51E-06
152	5	5.37E-06	5.37E-06
153	5	5.36E-06	5.36E-06
154	5	5.47E-06	5.47E-06

Berkley WTPF
BoatL Unmitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
155	5	5.63E-06	5.63E-06
156	5	5.79E-06	5.79E-06
157	5	5.92E-06	5.92E-06
158	5	6.02E-06	6.02E-06
159	5	6.06E-06	6.06E-06
160	5	6.02E-06	6.02E-06
161	5	5.91E-06	5.91E-06
162	5	5.77E-06	5.77E-06
163	5	5.66E-06	5.66E-06
164	5	5.61E-06	5.61E-06
165	5	5.62E-06	5.62E-06
166	5	5.65E-06	5.65E-06
167	5	5.68E-06	5.68E-06
168	5	6.14E-06	6.14E-06
169	5	6.45E-06	6.45E-06
170	5	6.43E-06	6.43E-06
171	5	6.14E-06	6.14E-06
172	5	5.78E-06	5.78E-06
173	5	5.45E-06	5.45E-06
174	5	5.20E-06	5.20E-06
175	5	5.08E-06	5.08E-06
176	5	5.07E-06	5.07E-06
177	5	5.17E-06	5.17E-06
178	5	5.32E-06	5.32E-06
179	5	5.47E-06	5.47E-06
180	5	5.60E-06	5.60E-06
181	5	5.70E-06	5.70E-06
182	5	5.74E-06	5.74E-06
183	5	5.73E-06	5.73E-06
184	5	5.64E-06	5.64E-06
185	5	5.51E-06	5.51E-06

Berkley WTPF
BoatL Unmitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
186	5	5.39E-06	5.39E-06
187	5	5.32E-06	5.32E-06
188	5	5.32E-06	5.32E-06
189	5	5.34E-06	5.34E-06
190	5	5.35E-06	5.35E-06
191	5	5.94E-06	5.94E-06
192	5	6.17E-06	6.17E-06
193	5	6.08E-06	6.08E-06
194	5	5.79E-06	5.79E-06
195	5	5.44E-06	5.44E-06
196	5	5.14E-06	5.14E-06
197	5	4.92E-06	4.92E-06
198	5	4.81E-06	4.81E-06
199	5	4.80E-06	4.80E-06
200	5	4.90E-06	4.90E-06
201	5	5.40E-06	5.40E-06
202	5	5.45E-06	5.45E-06
203	5	5.45E-06	5.45E-06
204	5	5.38E-06	5.38E-06
205	5	5.26E-06	5.26E-06
206	5	5.14E-06	5.14E-06
207	5	5.06E-06	5.06E-06
208	5	5.04E-06	5.04E-06
209	5	5.06E-06	5.06E-06
210	5	5.06E-06	5.06E-06
211	5	5.75E-06	5.75E-06
212	5	5.89E-06	5.89E-06
213	5	5.76E-06	5.76E-06
214	5	5.47E-06	5.47E-06
215	5	5.14E-06	5.14E-06
216	5	4.86E-06	4.86E-06

Berkley WTPF
BoatL Unmitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
217	5	4.66E-06	4.66E-06
218	5	4.56E-06	4.56E-06
219	5	4.56E-06	4.56E-06
220	5	5.19E-06	5.19E-06
221	5	5.14E-06	5.14E-06
222	5	5.04E-06	5.04E-06
223	5	4.92E-06	4.92E-06
224	5	4.83E-06	4.83E-06
225	5	4.79E-06	4.79E-06
226	5	4.80E-06	4.80E-06
227	5	5.20E-06	5.20E-06
228	5	5.54E-06	5.54E-06
229	5	5.62E-06	5.62E-06
230	5	5.46E-06	5.46E-06
231	5	5.17E-06	5.17E-06
232	5	4.86E-06	4.86E-06
233	5	4.61E-06	4.61E-06
234	5	4.43E-06	4.43E-06
235	5	4.33E-06	4.33E-06
236	5	4.33E-06	4.33E-06
237	5	4.93E-06	4.93E-06
238	5	4.95E-06	4.95E-06
239	5	4.91E-06	4.91E-06
240	5	4.83E-06	4.83E-06
241	5	4.71E-06	4.71E-06
242	5	4.62E-06	4.62E-06
243	5	4.56E-06	4.56E-06
244	5	4.55E-06	4.55E-06
245	5	5.36E-06	5.36E-06
246	5	5.18E-06	5.18E-06
247	5	4.89E-06	4.89E-06

Berkley WTPF
BoatL Unmitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
248	5	4.61E-06	4.61E-06
249	5	4.38E-06	4.38E-06
250	5	4.21E-06	4.21E-06
251	5	4.12E-06	4.12E-06
252	5	4.13E-06	4.13E-06
253	5	4.70E-06	4.70E-06
254	5	4.72E-06	4.72E-06
255	5	4.70E-06	4.70E-06
256	5	4.63E-06	4.63E-06
257	5	4.52E-06	4.52E-06
258	5	4.43E-06	4.43E-06
259	5	4.36E-06	4.36E-06
260	5	4.01E-06	4.01E-06
261	5	3.93E-06	3.93E-06
262	5	4.42E-06	4.42E-06
263	5	4.48E-06	4.48E-06
264	5	4.51E-06	4.51E-06
265	5	4.50E-06	4.50E-06
266	5	4.44E-06	4.44E-06
267	5	4.35E-06	4.35E-06
268	5	4.25E-06	4.25E-06
269	5	4.17E-06	4.17E-06
270	5	4.22E-06	4.22E-06
271	5	4.28E-06	4.28E-06
272	5	4.31E-06	4.31E-06
273	5	4.32E-06	4.32E-06
274	5	4.27E-06	4.27E-06
275	5	4.19E-06	4.19E-06
276	5	4.08E-06	4.08E-06
277	5	3.50E-06	3.50E-06
278	5	3.92E-06	3.92E-06

Berkley WTPF
BoatL Unmitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
279	5	4.34E-06	4.34E-06
280	5	4.64E-06	4.64E-06
281	5	4.75E-06	4.75E-06
282	5	3.95E-06	3.95E-06
283	5	4.03E-06	4.03E-06
284	5	4.09E-06	4.09E-06
285	5	4.13E-06	4.13E-06
286	5	4.14E-06	4.14E-06
287	5	4.11E-06	4.11E-06
288	5	4.03E-06	4.03E-06
289	5	3.93E-06	3.93E-06
290	5	3.13E-06	3.13E-06
291	5	3.46E-06	3.46E-06
292	5	3.86E-06	3.86E-06
293	5	4.24E-06	4.24E-06
294	5	4.50E-06	4.50E-06
295	5	4.56E-06	4.56E-06
296	5	4.44E-06	4.44E-06
297	5	4.22E-06	4.22E-06
298	5	3.99E-06	3.99E-06
299	5	3.77E-06	3.77E-06
300	5	3.61E-06	3.61E-06
301	5	3.78E-06	3.78E-06
302	5	3.86E-06	3.86E-06
303	5	3.91E-06	3.91E-06
304	5	3.96E-06	3.96E-06
305	5	3.97E-06	3.97E-06
306	5	3.95E-06	3.95E-06
307	5	3.89E-06	3.89E-06
308	5	3.07E-06	3.07E-06
309	5	3.41E-06	3.41E-06

Berkley WTPF
BoatL Unmitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
310	5	3.80E-06	3.80E-06
311	5	4.15E-06	4.15E-06
312	5	4.35E-06	4.35E-06
313	5	4.38E-06	4.38E-06
314	5	4.24E-06	4.24E-06
315	5	4.02E-06	4.02E-06
316	5	3.80E-06	3.80E-06
317	5	3.60E-06	3.60E-06
318	5	3.45E-06	3.45E-06
319	5	3.34E-06	3.34E-06
320	5	3.29E-06	3.29E-06
321	5	3.29E-06	3.29E-06
322	5	3.35E-06	3.35E-06
323	5	3.62E-06	3.62E-06
324	5	3.69E-06	3.69E-06
325	5	3.75E-06	3.75E-06
326	5	3.79E-06	3.79E-06
327	5	3.81E-06	3.81E-06
328	5	3.80E-06	3.80E-06
329	5	3.75E-06	3.75E-06
330	5	3.03E-06	3.03E-06
331	5	3.37E-06	3.37E-06
332	5	3.74E-06	3.74E-06
333	5	4.05E-06	4.05E-06
334	5	4.21E-06	4.21E-06
335	5	4.20E-06	4.20E-06
336	5	4.05E-06	4.05E-06
337	5	3.84E-06	3.84E-06
338	5	3.63E-06	3.63E-06
339	5	3.45E-06	3.45E-06
340	5	3.30E-06	3.30E-06

Berkley WTPF
BoatL Unmitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
341	5	3.20E-06	3.20E-06
342	5	3.15E-06	3.15E-06
343	5	3.16E-06	3.16E-06
344	5	3.21E-06	3.21E-06
345	5	3.30E-06	3.30E-06
346	5	3.39E-06	3.39E-06
347	5	3.47E-06	3.47E-06
348	5	3.54E-06	3.54E-06
349	5	3.60E-06	3.60E-06
350	5	3.64E-06	3.64E-06
351	5	3.66E-06	3.66E-06
352	5	3.66E-06	3.66E-06
353	5	2.99E-06	2.99E-06
354	5	3.33E-06	3.33E-06
355	5	3.68E-06	3.68E-06
356	5	3.95E-06	3.95E-06
357	5	4.07E-06	4.07E-06
358	5	4.03E-06	4.03E-06
359	5	3.87E-06	3.87E-06
360	5	3.66E-06	3.66E-06
361	5	3.47E-06	3.47E-06
362	5	3.30E-06	3.30E-06
363	5	3.17E-06	3.17E-06
364	5	3.07E-06	3.07E-06
365	5	3.03E-06	3.03E-06
366	5	3.03E-06	3.03E-06
367	5	3.08E-06	3.08E-06
368	5	3.16E-06	3.16E-06
369	5	3.25E-06	3.25E-06
370	5	3.33E-06	3.33E-06
371	5	3.40E-06	3.40E-06

Berkley WTPF
BoatL Unmitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
372	5	3.45E-06	3.45E-06
373	5	3.29E-06	3.29E-06
374	5	3.62E-06	3.62E-06
375	5	3.85E-06	3.85E-06
376	5	3.93E-06	3.93E-06
377	5	3.87E-06	3.87E-06
378	5	3.70E-06	3.70E-06
379	5	3.50E-06	3.50E-06
380	5	3.32E-06	3.32E-06
381	5	3.16E-06	3.16E-06
382	5	3.04E-06	3.04E-06
383	5	2.95E-06	2.95E-06
384	5	2.91E-06	2.91E-06
385	5	2.92E-06	2.92E-06
386	5	2.96E-06	2.96E-06
387	5	3.04E-06	3.04E-06
388	5	3.12E-06	3.12E-06
389	5	3.25E-06	3.25E-06
390	5	3.55E-06	3.55E-06
391	5	3.74E-06	3.74E-06
392	5	3.79E-06	3.79E-06
393	5	3.71E-06	3.71E-06
394	5	3.54E-06	3.54E-06
395	5	3.35E-06	3.35E-06
396	5	3.18E-06	3.18E-06
397	5	3.03E-06	3.03E-06
398	5	2.92E-06	2.92E-06
399	5	2.84E-06	2.84E-06
400	5	2.80E-06	2.80E-06
401	5	2.81E-06	2.81E-06
402	5	2.85E-06	2.85E-06

Berkley WTPF
BoatL Unmitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
403	5	2.92E-06	2.92E-06
404	5	3.47E-06	3.47E-06
405	5	3.63E-06	3.63E-06
406	5	3.66E-06	3.66E-06
407	5	3.56E-06	3.56E-06
408	5	3.39E-06	3.39E-06
409	5	3.21E-06	3.21E-06
410	5	3.05E-06	3.05E-06
411	5	2.91E-06	2.91E-06
412	5	2.81E-06	2.81E-06
413	5	2.73E-06	2.73E-06
414	5	2.70E-06	2.70E-06
415	5	2.70E-06	2.70E-06
416	5	2.75E-06	2.75E-06
417	5	2.82E-06	2.82E-06
418	5	3.52E-06	3.52E-06
419	5	3.42E-06	3.42E-06
420	5	3.25E-06	3.25E-06
421	5	3.08E-06	3.08E-06
422	5	2.93E-06	2.93E-06
423	5	2.80E-06	2.80E-06
424	5	2.70E-06	2.70E-06
425	5	2.64E-06	2.64E-06
426	5	2.60E-06	2.60E-06
427	5	2.61E-06	2.61E-06
428	5	2.65E-06	2.65E-06
429	5	2.71E-06	2.71E-06
430	5	2.69E-06	2.69E-06
431	5	2.60E-06	2.60E-06
432	5	2.54E-06	2.54E-06
433	5	2.51E-06	2.51E-06

Berkley WTPF
BoatL Unmitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
434	5	2.51E-06	2.51E-06
435	5	2.55E-06	2.55E-06

Berkley WTPF

Haul1 Unmitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
					Residence					
1	0.25435	6.65E-07	1.7E-07	1.05E-03	1.77E-10	2.27E-01	1.57E-01	6.32E-12	1.0E+06	6.3E-06
2	0.26319	6.65E-07	1.8E-07	1.05E-03	1.83E-10	2.27E-01	1.57E-01	6.54E-12	1.0E+06	6.5E-06
3	0.27271	6.65E-07	1.8E-07	1.05E-03	1.90E-10	2.27E-01	1.57E-01	6.78E-12	1.0E+06	6.8E-06
4	0.28297	6.65E-07	1.9E-07	1.05E-03	1.97E-10	2.27E-01	1.57E-01	7.03E-12	1.0E+06	7.0E-06
5	0.29416	6.65E-07	2.0E-07	1.05E-03	2.05E-10	2.27E-01	1.57E-01	7.31E-12	1.0E+06	7.3E-06
6	0.30609	6.65E-07	2.0E-07	1.05E-03	2.13E-10	2.27E-01	1.57E-01	7.61E-12	1.0E+06	7.6E-06
7	0.31884	6.65E-07	2.1E-07	1.05E-03	2.22E-10	2.27E-01	1.57E-01	7.92E-12	1.0E+06	7.9E-06
8	0.33216	6.65E-07	2.2E-07	1.05E-03	2.31E-10	2.27E-01	1.57E-01	8.25E-12	1.0E+06	8.3E-06
9	0.24409	6.65E-07	1.6E-07	1.05E-03	1.70E-10	2.27E-01	1.57E-01	6.07E-12	1.0E+06	6.1E-06
10	0.25161	6.65E-07	1.7E-07	1.05E-03	1.75E-10	2.27E-01	1.57E-01	6.25E-12	1.0E+06	6.3E-06
11	0.26031	6.65E-07	1.7E-07	1.05E-03	1.81E-10	2.27E-01	1.57E-01	6.47E-12	1.0E+06	6.5E-06
12	0.26961	6.65E-07	1.8E-07	1.05E-03	1.87E-10	2.27E-01	1.57E-01	6.70E-12	1.0E+06	6.7E-06
13	0.27952	6.65E-07	1.9E-07	1.05E-03	1.94E-10	2.27E-01	1.57E-01	6.95E-12	1.0E+06	6.9E-06
14	0.29008	6.65E-07	1.9E-07	1.05E-03	2.02E-10	2.27E-01	1.57E-01	7.21E-12	1.0E+06	7.2E-06
15	0.30134	6.65E-07	2.0E-07	1.05E-03	2.10E-10	2.27E-01	1.57E-01	7.49E-12	1.0E+06	7.5E-06
16	0.31337	6.65E-07	2.1E-07	1.05E-03	2.18E-10	2.27E-01	1.57E-01	7.79E-12	1.0E+06	7.8E-06
17	0.32622	6.65E-07	2.2E-07	1.05E-03	2.27E-10	2.27E-01	1.57E-01	8.11E-12	1.0E+06	8.1E-06
18	0.34031	6.65E-07	2.3E-07	1.05E-03	2.37E-10	2.27E-01	1.57E-01	8.46E-12	1.0E+06	8.5E-06
19	0.35587	6.65E-07	2.4E-07	1.05E-03	2.47E-10	2.27E-01	1.57E-01	8.84E-12	1.0E+06	8.8E-06
20	0.37183	6.65E-07	2.5E-07	1.05E-03	2.59E-10	2.27E-01	1.57E-01	9.24E-12	1.0E+06	9.2E-06
21	0.24318	6.65E-07	1.6E-07	1.05E-03	1.69E-10	2.27E-01	1.57E-01	6.04E-12	1.0E+06	6.0E-06
22	0.2504	6.65E-07	1.7E-07	1.05E-03	1.74E-10	2.27E-01	1.57E-01	6.22E-12	1.0E+06	6.2E-06
23	0.25876	6.65E-07	1.7E-07	1.05E-03	1.80E-10	2.27E-01	1.57E-01	6.43E-12	1.0E+06	6.4E-06
24	0.2677	6.65E-07	1.8E-07	1.05E-03	1.86E-10	2.27E-01	1.57E-01	6.65E-12	1.0E+06	6.7E-06
25	0.27722	6.65E-07	1.8E-07	1.05E-03	1.93E-10	2.27E-01	1.57E-01	6.89E-12	1.0E+06	6.9E-06
26	0.28738	6.65E-07	1.9E-07	1.05E-03	2.00E-10	2.27E-01	1.57E-01	7.14E-12	1.0E+06	7.1E-06
27	0.29822	6.65E-07	2.0E-07	1.05E-03	2.07E-10	2.27E-01	1.57E-01	7.41E-12	1.0E+06	7.4E-06
28	0.30981	6.65E-07	2.1E-07	1.05E-03	2.15E-10	2.27E-01	1.57E-01	7.70E-12	1.0E+06	7.7E-06
29	0.32221	6.65E-07	2.1E-07	1.05E-03	2.24E-10	2.27E-01	1.57E-01	8.01E-12	1.0E+06	8.0E-06
30	0.33549	6.65E-07	2.2E-07	1.05E-03	2.33E-10	2.27E-01	1.57E-01	8.34E-12	1.0E+06	8.3E-06

	Max	Receptor #
Res	1.42E-05	120
Park	3.53E-06	511
Total	1.77E-05	120

Berkley WTPF

Haul1 Unmitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
31	0.34974	6.65E-07	2.3E-07	1.05E-03	2.43E-10	2.27E-01	1.57E-01	8.69E-12	1.0E+06	8.7E-06
32	0.36504	6.65E-07	2.4E-07	1.05E-03	2.54E-10	2.27E-01	1.57E-01	9.07E-12	1.0E+06	9.1E-06
33	0.38151	6.65E-07	2.5E-07	1.05E-03	2.65E-10	2.27E-01	1.57E-01	9.48E-12	1.0E+06	9.5E-06
34	0.39924	6.65E-07	2.7E-07	1.05E-03	2.78E-10	2.27E-01	1.57E-01	9.92E-12	1.0E+06	9.9E-06
35	0.41839	6.65E-07	2.8E-07	1.05E-03	2.91E-10	2.27E-01	1.57E-01	1.04E-11	1.0E+06	1.0E-05
36	0.43987	6.65E-07	2.9E-07	1.05E-03	3.06E-10	2.27E-01	1.57E-01	1.09E-11	1.0E+06	1.1E-05
37	0.24312	6.65E-07	1.6E-07	1.05E-03	1.69E-10	2.27E-01	1.57E-01	6.04E-12	1.0E+06	6.0E-06
38	0.25054	6.65E-07	1.7E-07	1.05E-03	1.74E-10	2.27E-01	1.57E-01	6.23E-12	1.0E+06	6.2E-06
39	0.25862	6.65E-07	1.7E-07	1.05E-03	1.80E-10	2.27E-01	1.57E-01	6.43E-12	1.0E+06	6.4E-06
40	0.26723	6.65E-07	1.8E-07	1.05E-03	1.86E-10	2.27E-01	1.57E-01	6.64E-12	1.0E+06	6.6E-06
41	0.27639	6.65E-07	1.8E-07	1.05E-03	1.92E-10	2.27E-01	1.57E-01	6.87E-12	1.0E+06	6.9E-06
42	0.28616	6.65E-07	1.9E-07	1.05E-03	1.99E-10	2.27E-01	1.57E-01	7.11E-12	1.0E+06	7.1E-06
43	0.29658	6.65E-07	2.0E-07	1.05E-03	2.06E-10	2.27E-01	1.57E-01	7.37E-12	1.0E+06	7.4E-06
44	0.30772	6.65E-07	2.0E-07	1.05E-03	2.14E-10	2.27E-01	1.57E-01	7.65E-12	1.0E+06	7.6E-06
45	0.31964	6.65E-07	2.1E-07	1.05E-03	2.22E-10	2.27E-01	1.57E-01	7.94E-12	1.0E+06	7.9E-06
46	0.33242	6.65E-07	2.2E-07	1.05E-03	2.31E-10	2.27E-01	1.57E-01	8.26E-12	1.0E+06	8.3E-06
47	0.34614	6.65E-07	2.3E-07	1.05E-03	2.41E-10	2.27E-01	1.57E-01	8.60E-12	1.0E+06	8.6E-06
48	0.36088	6.65E-07	2.4E-07	1.05E-03	2.51E-10	2.27E-01	1.57E-01	8.97E-12	1.0E+06	9.0E-06
49	0.37675	6.65E-07	2.5E-07	1.05E-03	2.62E-10	2.27E-01	1.57E-01	9.36E-12	1.0E+06	9.4E-06
50	0.39386	6.65E-07	2.6E-07	1.05E-03	2.74E-10	2.27E-01	1.57E-01	9.79E-12	1.0E+06	9.8E-06
51	0.41234	6.65E-07	2.7E-07	1.05E-03	2.87E-10	2.27E-01	1.57E-01	1.02E-11	1.0E+06	1.0E-05
52	0.43256	6.65E-07	2.9E-07	1.05E-03	3.01E-10	2.27E-01	1.57E-01	1.07E-11	1.0E+06	1.1E-05
53	0.45483	6.65E-07	3.0E-07	1.05E-03	3.16E-10	2.27E-01	1.57E-01	1.13E-11	1.0E+06	1.1E-05
54	0.47849	6.65E-07	3.2E-07	1.05E-03	3.33E-10	2.27E-01	1.57E-01	1.19E-11	1.0E+06	1.2E-05
55	0.50496	6.65E-07	3.4E-07	1.05E-03	3.51E-10	2.27E-01	1.57E-01	1.25E-11	1.0E+06	1.3E-05
56	0.23802	6.65E-07	1.6E-07	1.05E-03	1.66E-10	2.27E-01	1.57E-01	5.91E-12	1.0E+06	5.9E-06
57	0.24463	6.65E-07	1.6E-07	1.05E-03	1.70E-10	2.27E-01	1.57E-01	6.08E-12	1.0E+06	6.1E-06
58	0.25206	6.65E-07	1.7E-07	1.05E-03	1.75E-10	2.27E-01	1.57E-01	6.26E-12	1.0E+06	6.3E-06
59	0.25993	6.65E-07	1.7E-07	1.05E-03	1.81E-10	2.27E-01	1.57E-01	6.46E-12	1.0E+06	6.5E-06
60	0.26827	6.65E-07	1.8E-07	1.05E-03	1.87E-10	2.27E-01	1.57E-01	6.67E-12	1.0E+06	6.7E-06
61	0.27715	6.65E-07	1.8E-07	1.05E-03	1.93E-10	2.27E-01	1.57E-01	6.89E-12	1.0E+06	6.9E-06

Berkley WTPF

Haul1 Unmitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
62	0.28659	6.65E-07	1.9E-07	1.05E-03	1.99E-10	2.27E-01	1.57E-01	7.12E-12	1.0E+06	7.1E-06
63	0.29665	6.65E-07	2.0E-07	1.05E-03	2.06E-10	2.27E-01	1.57E-01	7.37E-12	1.0E+06	7.4E-06
64	0.3074	6.65E-07	2.0E-07	1.05E-03	2.14E-10	2.27E-01	1.57E-01	7.64E-12	1.0E+06	7.6E-06
65	0.31889	6.65E-07	2.1E-07	1.05E-03	2.22E-10	2.27E-01	1.57E-01	7.92E-12	1.0E+06	7.9E-06
66	0.33119	6.65E-07	2.2E-07	1.05E-03	2.30E-10	2.27E-01	1.57E-01	8.23E-12	1.0E+06	8.2E-06
67	0.34439	6.65E-07	2.3E-07	1.05E-03	2.39E-10	2.27E-01	1.57E-01	8.56E-12	1.0E+06	8.6E-06
68	0.35858	6.65E-07	2.4E-07	1.05E-03	2.49E-10	2.27E-01	1.57E-01	8.91E-12	1.0E+06	8.9E-06
69	0.37385	6.65E-07	2.5E-07	1.05E-03	2.60E-10	2.27E-01	1.57E-01	9.29E-12	1.0E+06	9.3E-06
70	0.39031	6.65E-07	2.6E-07	1.05E-03	2.71E-10	2.27E-01	1.57E-01	9.70E-12	1.0E+06	9.7E-06
71	0.4081	6.65E-07	2.7E-07	1.05E-03	2.84E-10	2.27E-01	1.57E-01	1.01E-11	1.0E+06	1.0E-05
72	0.42735	6.65E-07	2.8E-07	1.05E-03	2.97E-10	2.27E-01	1.57E-01	1.06E-11	1.0E+06	1.1E-05
73	0.44822	6.65E-07	3.0E-07	1.05E-03	3.12E-10	2.27E-01	1.57E-01	1.11E-11	1.0E+06	1.1E-05
74	0.47091	6.65E-07	3.1E-07	1.05E-03	3.27E-10	2.27E-01	1.57E-01	1.17E-11	1.0E+06	1.2E-05
75	0.49626	6.65E-07	3.3E-07	1.05E-03	3.45E-10	2.27E-01	1.57E-01	1.23E-11	1.0E+06	1.2E-05
76	0.24086	6.65E-07	1.6E-07	1.05E-03	1.67E-10	2.27E-01	1.57E-01	5.98E-12	1.0E+06	6.0E-06
77	0.24739	6.65E-07	1.6E-07	1.05E-03	1.72E-10	2.27E-01	1.57E-01	6.15E-12	1.0E+06	6.1E-06
78	0.25471	6.65E-07	1.7E-07	1.05E-03	1.77E-10	2.27E-01	1.57E-01	6.33E-12	1.0E+06	6.3E-06
79	0.26246	6.65E-07	1.7E-07	1.05E-03	1.83E-10	2.27E-01	1.57E-01	6.52E-12	1.0E+06	6.5E-06
80	0.27066	6.65E-07	1.8E-07	1.05E-03	1.88E-10	2.27E-01	1.57E-01	6.73E-12	1.0E+06	6.7E-06
81	0.27935	6.65E-07	1.9E-07	1.05E-03	1.94E-10	2.27E-01	1.57E-01	6.94E-12	1.0E+06	6.9E-06
82	0.28858	6.65E-07	1.9E-07	1.05E-03	2.01E-10	2.27E-01	1.57E-01	7.17E-12	1.0E+06	7.2E-06
83	0.2984	6.65E-07	2.0E-07	1.05E-03	2.07E-10	2.27E-01	1.57E-01	7.41E-12	1.0E+06	7.4E-06
84	0.30886	6.65E-07	2.1E-07	1.05E-03	2.15E-10	2.27E-01	1.57E-01	7.67E-12	1.0E+06	7.7E-06
85	0.32002	6.65E-07	2.1E-07	1.05E-03	2.23E-10	2.27E-01	1.57E-01	7.95E-12	1.0E+06	8.0E-06
86	0.33195	6.65E-07	2.2E-07	1.05E-03	2.31E-10	2.27E-01	1.57E-01	8.25E-12	1.0E+06	8.2E-06
87	0.34473	6.65E-07	2.3E-07	1.05E-03	2.40E-10	2.27E-01	1.57E-01	8.57E-12	1.0E+06	8.6E-06
88	0.35845	6.65E-07	2.4E-07	1.05E-03	2.49E-10	2.27E-01	1.57E-01	8.91E-12	1.0E+06	8.9E-06
89	0.37319	6.65E-07	2.5E-07	1.05E-03	2.59E-10	2.27E-01	1.57E-01	9.27E-12	1.0E+06	9.3E-06
90	0.38908	6.65E-07	2.6E-07	1.05E-03	2.71E-10	2.27E-01	1.57E-01	9.67E-12	1.0E+06	9.7E-06
91	0.40622	6.65E-07	2.7E-07	1.05E-03	2.82E-10	2.27E-01	1.57E-01	1.01E-11	1.0E+06	1.0E-05
92	0.42476	6.65E-07	2.8E-07	1.05E-03	2.95E-10	2.27E-01	1.57E-01	1.06E-11	1.0E+06	1.1E-05

Berkley WTPF

Haul1 Unmitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
93	0.44486	6.65E-07	3.0E-07	1.05E-03	3.09E-10	2.27E-01	1.57E-01	1.11E-11	1.0E+06	1.1E-05
94	0.46669	6.65E-07	3.1E-07	1.05E-03	3.25E-10	2.27E-01	1.57E-01	1.16E-11	1.0E+06	1.2E-05
95	0.49047	6.65E-07	3.3E-07	1.05E-03	3.41E-10	2.27E-01	1.57E-01	1.22E-11	1.0E+06	1.2E-05
96	0.51642	6.65E-07	3.4E-07	1.05E-03	3.59E-10	2.27E-01	1.57E-01	1.28E-11	1.0E+06	1.3E-05
97	0.54483	6.65E-07	3.6E-07	1.05E-03	3.79E-10	2.27E-01	1.57E-01	1.35E-11	1.0E+06	1.4E-05
98	0.24418	6.65E-07	1.6E-07	1.05E-03	1.70E-10	2.27E-01	1.57E-01	6.07E-12	1.0E+06	6.1E-06
99	0.25072	6.65E-07	1.7E-07	1.05E-03	1.74E-10	2.27E-01	1.57E-01	6.23E-12	1.0E+06	6.2E-06
100	0.25806	6.65E-07	1.7E-07	1.05E-03	1.79E-10	2.27E-01	1.57E-01	6.41E-12	1.0E+06	6.4E-06
101	0.26579	6.65E-07	1.8E-07	1.05E-03	1.85E-10	2.27E-01	1.57E-01	6.60E-12	1.0E+06	6.6E-06
102	0.27395	6.65E-07	1.8E-07	1.05E-03	1.90E-10	2.27E-01	1.57E-01	6.81E-12	1.0E+06	6.8E-06
103	0.28259	6.65E-07	1.9E-07	1.05E-03	1.96E-10	2.27E-01	1.57E-01	7.02E-12	1.0E+06	7.0E-06
104	0.29174	6.65E-07	1.9E-07	1.05E-03	2.03E-10	2.27E-01	1.57E-01	7.25E-12	1.0E+06	7.2E-06
105	0.30145	6.65E-07	2.0E-07	1.05E-03	2.10E-10	2.27E-01	1.57E-01	7.49E-12	1.0E+06	7.5E-06
106	0.31177	6.65E-07	2.1E-07	1.05E-03	2.17E-10	2.27E-01	1.57E-01	7.75E-12	1.0E+06	7.7E-06
107	0.32275	6.65E-07	2.1E-07	1.05E-03	2.24E-10	2.27E-01	1.57E-01	8.02E-12	1.0E+06	8.0E-06
108	0.33447	6.65E-07	2.2E-07	1.05E-03	2.33E-10	2.27E-01	1.57E-01	8.31E-12	1.0E+06	8.3E-06
109	0.34699	6.65E-07	2.3E-07	1.05E-03	2.41E-10	2.27E-01	1.57E-01	8.62E-12	1.0E+06	8.6E-06
110	0.36039	6.65E-07	2.4E-07	1.05E-03	2.51E-10	2.27E-01	1.57E-01	8.95E-12	1.0E+06	9.0E-06
111	0.37477	6.65E-07	2.5E-07	1.05E-03	2.61E-10	2.27E-01	1.57E-01	9.31E-12	1.0E+06	9.3E-06
112	0.39023	6.65E-07	2.6E-07	1.05E-03	2.71E-10	2.27E-01	1.57E-01	9.70E-12	1.0E+06	9.7E-06
113	0.40688	6.65E-07	2.7E-07	1.05E-03	2.83E-10	2.27E-01	1.57E-01	1.01E-11	1.0E+06	1.0E-05
114	0.42486	6.65E-07	2.8E-07	1.05E-03	2.95E-10	2.27E-01	1.57E-01	1.06E-11	1.0E+06	1.1E-05
115	0.44431	6.65E-07	3.0E-07	1.05E-03	3.09E-10	2.27E-01	1.57E-01	1.10E-11	1.0E+06	1.1E-05
116	0.46542	6.65E-07	3.1E-07	1.05E-03	3.24E-10	2.27E-01	1.57E-01	1.16E-11	1.0E+06	1.2E-05
117	0.48838	6.65E-07	3.2E-07	1.05E-03	3.40E-10	2.27E-01	1.57E-01	1.21E-11	1.0E+06	1.2E-05
118	0.51341	6.65E-07	3.4E-07	1.05E-03	3.57E-10	2.27E-01	1.57E-01	1.28E-11	1.0E+06	1.3E-05
119	0.54078	6.65E-07	3.6E-07	1.05E-03	3.76E-10	2.27E-01	1.57E-01	1.34E-11	1.0E+06	1.3E-05
120	0.57174	6.65E-07	3.8E-07	1.05E-03	3.98E-10	2.27E-01	1.57E-01	1.42E-11	1.0E+06	1.4E-05
121	0.24138	6.65E-07	1.6E-07	1.05E-03	1.68E-10	2.27E-01	1.57E-01	6.00E-12	1.0E+06	6.0E-06
122	0.24748	6.65E-07	1.6E-07	1.05E-03	1.72E-10	2.27E-01	1.57E-01	6.15E-12	1.0E+06	6.1E-06
123	0.25411	6.65E-07	1.7E-07	1.05E-03	1.77E-10	2.27E-01	1.57E-01	6.31E-12	1.0E+06	6.3E-06

Berkley WTPF

Haul1 Unmitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
124	0.26152	6.65E-07	1.7E-07	1.05E-03	1.82E-10	2.27E-01	1.57E-01	6.50E-12	1.0E+06	6.5E-06
125	0.26933	6.65E-07	1.8E-07	1.05E-03	1.87E-10	2.27E-01	1.57E-01	6.69E-12	1.0E+06	6.7E-06
126	0.27756	6.65E-07	1.8E-07	1.05E-03	1.93E-10	2.27E-01	1.57E-01	6.90E-12	1.0E+06	6.9E-06
127	0.28626	6.65E-07	1.9E-07	1.05E-03	1.99E-10	2.27E-01	1.57E-01	7.11E-12	1.0E+06	7.1E-06
128	0.29545	6.65E-07	2.0E-07	1.05E-03	2.05E-10	2.27E-01	1.57E-01	7.34E-12	1.0E+06	7.3E-06
129	0.30518	6.65E-07	2.0E-07	1.05E-03	2.12E-10	2.27E-01	1.57E-01	7.58E-12	1.0E+06	7.6E-06
130	0.3155	6.65E-07	2.1E-07	1.05E-03	2.19E-10	2.27E-01	1.57E-01	7.84E-12	1.0E+06	7.8E-06
131	0.32646	6.65E-07	2.2E-07	1.05E-03	2.27E-10	2.27E-01	1.57E-01	8.11E-12	1.0E+06	8.1E-06
132	0.33813	6.65E-07	2.2E-07	1.05E-03	2.35E-10	2.27E-01	1.57E-01	8.40E-12	1.0E+06	8.4E-06
133	0.35057	6.65E-07	2.3E-07	1.05E-03	2.44E-10	2.27E-01	1.57E-01	8.71E-12	1.0E+06	8.7E-06
134	0.36385	6.65E-07	2.4E-07	1.05E-03	2.53E-10	2.27E-01	1.57E-01	9.04E-12	1.0E+06	9.0E-06
135	0.37806	6.65E-07	2.5E-07	1.05E-03	2.63E-10	2.27E-01	1.57E-01	9.39E-12	1.0E+06	9.4E-06
136	0.39331	6.65E-07	2.6E-07	1.05E-03	2.73E-10	2.27E-01	1.57E-01	9.77E-12	1.0E+06	9.8E-06
137	0.40969	6.65E-07	2.7E-07	1.05E-03	2.85E-10	2.27E-01	1.57E-01	1.02E-11	1.0E+06	1.0E-05
138	0.42733	6.65E-07	2.8E-07	1.05E-03	2.97E-10	2.27E-01	1.57E-01	1.06E-11	1.0E+06	1.1E-05
139	0.44638	6.65E-07	3.0E-07	1.05E-03	3.10E-10	2.27E-01	1.57E-01	1.11E-11	1.0E+06	1.1E-05
140	0.467	6.65E-07	3.1E-07	1.05E-03	3.25E-10	2.27E-01	1.57E-01	1.16E-11	1.0E+06	1.2E-05
141	0.48938	6.65E-07	3.3E-07	1.05E-03	3.40E-10	2.27E-01	1.57E-01	1.22E-11	1.0E+06	1.2E-05
142	0.51373	6.65E-07	3.4E-07	1.05E-03	3.57E-10	2.27E-01	1.57E-01	1.28E-11	1.0E+06	1.3E-05
143	0.5403	6.65E-07	3.6E-07	1.05E-03	3.76E-10	2.27E-01	1.57E-01	1.34E-11	1.0E+06	1.3E-05
144	0.57116	6.65E-07	3.8E-07	1.05E-03	3.97E-10	2.27E-01	1.57E-01	1.42E-11	1.0E+06	1.4E-05
145	0.24401	6.65E-07	1.6E-07	1.05E-03	1.70E-10	2.27E-01	1.57E-01	6.06E-12	1.0E+06	6.1E-06
146	0.25024	6.65E-07	1.7E-07	1.05E-03	1.74E-10	2.27E-01	1.57E-01	6.22E-12	1.0E+06	6.2E-06
147	0.25698	6.65E-07	1.7E-07	1.05E-03	1.79E-10	2.27E-01	1.57E-01	6.39E-12	1.0E+06	6.4E-06
148	0.26452	6.65E-07	1.8E-07	1.05E-03	1.84E-10	2.27E-01	1.57E-01	6.57E-12	1.0E+06	6.6E-06
149	0.27246	6.65E-07	1.8E-07	1.05E-03	1.89E-10	2.27E-01	1.57E-01	6.77E-12	1.0E+06	6.8E-06
150	0.28082	6.65E-07	1.9E-07	1.05E-03	1.95E-10	2.27E-01	1.57E-01	6.98E-12	1.0E+06	7.0E-06
151	0.28964	6.65E-07	1.9E-07	1.05E-03	2.01E-10	2.27E-01	1.57E-01	7.20E-12	1.0E+06	7.2E-06
152	0.29895	6.65E-07	2.0E-07	1.05E-03	2.08E-10	2.27E-01	1.57E-01	7.43E-12	1.0E+06	7.4E-06
153	0.30879	6.65E-07	2.1E-07	1.05E-03	2.15E-10	2.27E-01	1.57E-01	7.67E-12	1.0E+06	7.7E-06
154	0.31922	6.65E-07	2.1E-07	1.05E-03	2.22E-10	2.27E-01	1.57E-01	7.93E-12	1.0E+06	7.9E-06

Berkley WTPF

Haul1 Unmitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
155	0.33028	6.65E-07	2.2E-07	1.05E-03	2.30E-10	2.27E-01	1.57E-01	8.21E-12	1.0E+06	8.2E-06
156	0.34203	6.65E-07	2.3E-07	1.05E-03	2.38E-10	2.27E-01	1.57E-01	8.50E-12	1.0E+06	8.5E-06
157	0.35453	6.65E-07	2.4E-07	1.05E-03	2.47E-10	2.27E-01	1.57E-01	8.81E-12	1.0E+06	8.8E-06
158	0.36786	6.65E-07	2.4E-07	1.05E-03	2.56E-10	2.27E-01	1.57E-01	9.14E-12	1.0E+06	9.1E-06
159	0.3821	6.65E-07	2.5E-07	1.05E-03	2.66E-10	2.27E-01	1.57E-01	9.49E-12	1.0E+06	9.5E-06
160	0.39734	6.65E-07	2.6E-07	1.05E-03	2.76E-10	2.27E-01	1.57E-01	9.87E-12	1.0E+06	9.9E-06
161	0.41367	6.65E-07	2.8E-07	1.05E-03	2.88E-10	2.27E-01	1.57E-01	1.03E-11	1.0E+06	1.0E-05
162	0.43123	6.65E-07	2.9E-07	1.05E-03	3.00E-10	2.27E-01	1.57E-01	1.07E-11	1.0E+06	1.1E-05
163	0.45014	6.65E-07	3.0E-07	1.05E-03	3.13E-10	2.27E-01	1.57E-01	1.12E-11	1.0E+06	1.1E-05
164	0.47056	6.65E-07	3.1E-07	1.05E-03	3.27E-10	2.27E-01	1.57E-01	1.17E-11	1.0E+06	1.2E-05
165	0.49267	6.65E-07	3.3E-07	1.05E-03	3.43E-10	2.27E-01	1.57E-01	1.22E-11	1.0E+06	1.2E-05
166	0.51666	6.65E-07	3.4E-07	1.05E-03	3.59E-10	2.27E-01	1.57E-01	1.28E-11	1.0E+06	1.3E-05
167	0.54303	6.65E-07	3.6E-07	1.05E-03	3.78E-10	2.27E-01	1.57E-01	1.35E-11	1.0E+06	1.3E-05
168	0.24566	6.65E-07	1.6E-07	1.05E-03	1.71E-10	2.27E-01	1.57E-01	6.10E-12	1.0E+06	6.1E-06
169	0.252	6.65E-07	1.7E-07	1.05E-03	1.75E-10	2.27E-01	1.57E-01	6.26E-12	1.0E+06	6.3E-06
170	0.25886	6.65E-07	1.7E-07	1.05E-03	1.80E-10	2.27E-01	1.57E-01	6.43E-12	1.0E+06	6.4E-06
171	0.26653	6.65E-07	1.8E-07	1.05E-03	1.85E-10	2.27E-01	1.57E-01	6.62E-12	1.0E+06	6.6E-06
172	0.2746	6.65E-07	1.8E-07	1.05E-03	1.91E-10	2.27E-01	1.57E-01	6.82E-12	1.0E+06	6.8E-06
173	0.2831	6.65E-07	1.9E-07	1.05E-03	1.97E-10	2.27E-01	1.57E-01	7.03E-12	1.0E+06	7.0E-06
174	0.29206	6.65E-07	1.9E-07	1.05E-03	2.03E-10	2.27E-01	1.57E-01	7.26E-12	1.0E+06	7.3E-06
175	0.30151	6.65E-07	2.0E-07	1.05E-03	2.10E-10	2.27E-01	1.57E-01	7.49E-12	1.0E+06	7.5E-06
176	0.31151	6.65E-07	2.1E-07	1.05E-03	2.17E-10	2.27E-01	1.57E-01	7.74E-12	1.0E+06	7.7E-06
177	0.32209	6.65E-07	2.1E-07	1.05E-03	2.24E-10	2.27E-01	1.57E-01	8.00E-12	1.0E+06	8.0E-06
178	0.3333	6.65E-07	2.2E-07	1.05E-03	2.32E-10	2.27E-01	1.57E-01	8.28E-12	1.0E+06	8.3E-06
179	0.3452	6.65E-07	2.3E-07	1.05E-03	2.40E-10	2.27E-01	1.57E-01	8.58E-12	1.0E+06	8.6E-06
180	0.35785	6.65E-07	2.4E-07	1.05E-03	2.49E-10	2.27E-01	1.57E-01	8.89E-12	1.0E+06	8.9E-06
181	0.37132	6.65E-07	2.5E-07	1.05E-03	2.58E-10	2.27E-01	1.57E-01	9.23E-12	1.0E+06	9.2E-06
182	0.3857	6.65E-07	2.6E-07	1.05E-03	2.68E-10	2.27E-01	1.57E-01	9.58E-12	1.0E+06	9.6E-06
183	0.40106	6.65E-07	2.7E-07	1.05E-03	2.79E-10	2.27E-01	1.57E-01	9.97E-12	1.0E+06	1.0E-05
184	0.4175	6.65E-07	2.8E-07	1.05E-03	2.90E-10	2.27E-01	1.57E-01	1.04E-11	1.0E+06	1.0E-05
185	0.43515	6.65E-07	2.9E-07	1.05E-03	3.03E-10	2.27E-01	1.57E-01	1.08E-11	1.0E+06	1.1E-05

Berkley WTPF

Haul1 Unmitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
186	0.45413	6.65E-07	3.0E-07	1.05E-03	3.16E-10	2.27E-01	1.57E-01	1.13E-11	1.0E+06	1.1E-05
187	0.47459	6.65E-07	3.2E-07	1.05E-03	3.30E-10	2.27E-01	1.57E-01	1.18E-11	1.0E+06	1.2E-05
188	0.49669	6.65E-07	3.3E-07	1.05E-03	3.45E-10	2.27E-01	1.57E-01	1.23E-11	1.0E+06	1.2E-05
189	0.52063	6.65E-07	3.5E-07	1.05E-03	3.62E-10	2.27E-01	1.57E-01	1.29E-11	1.0E+06	1.3E-05
190	0.55018	6.65E-07	3.7E-07	1.05E-03	3.83E-10	2.27E-01	1.57E-01	1.37E-11	1.0E+06	1.4E-05
191	0.24567	6.65E-07	1.6E-07	1.05E-03	1.71E-10	2.27E-01	1.57E-01	6.10E-12	1.0E+06	6.1E-06
192	0.25229	6.65E-07	1.7E-07	1.05E-03	1.75E-10	2.27E-01	1.57E-01	6.27E-12	1.0E+06	6.3E-06
193	0.25941	6.65E-07	1.7E-07	1.05E-03	1.80E-10	2.27E-01	1.57E-01	6.45E-12	1.0E+06	6.4E-06
194	0.26718	6.65E-07	1.8E-07	1.05E-03	1.86E-10	2.27E-01	1.57E-01	6.64E-12	1.0E+06	6.6E-06
195	0.27535	6.65E-07	1.8E-07	1.05E-03	1.91E-10	2.27E-01	1.57E-01	6.84E-12	1.0E+06	6.8E-06
196	0.28395	6.65E-07	1.9E-07	1.05E-03	1.97E-10	2.27E-01	1.57E-01	7.06E-12	1.0E+06	7.1E-06
197	0.29302	6.65E-07	1.9E-07	1.05E-03	2.04E-10	2.27E-01	1.57E-01	7.28E-12	1.0E+06	7.3E-06
198	0.30259	6.65E-07	2.0E-07	1.05E-03	2.10E-10	2.27E-01	1.57E-01	7.52E-12	1.0E+06	7.5E-06
199	0.3127	6.65E-07	2.1E-07	1.05E-03	2.17E-10	2.27E-01	1.57E-01	7.77E-12	1.0E+06	7.8E-06
200	0.32341	6.65E-07	2.2E-07	1.05E-03	2.25E-10	2.27E-01	1.57E-01	8.04E-12	1.0E+06	8.0E-06
201	0.3732	6.65E-07	2.5E-07	1.05E-03	2.60E-10	2.27E-01	1.57E-01	9.27E-12	1.0E+06	9.3E-06
202	0.38773	6.65E-07	2.6E-07	1.05E-03	2.70E-10	2.27E-01	1.57E-01	9.63E-12	1.0E+06	9.6E-06
203	0.40324	6.65E-07	2.7E-07	1.05E-03	2.80E-10	2.27E-01	1.57E-01	1.00E-11	1.0E+06	1.0E-05
204	0.41984	6.65E-07	2.8E-07	1.05E-03	2.92E-10	2.27E-01	1.57E-01	1.04E-11	1.0E+06	1.0E-05
205	0.43764	6.65E-07	2.9E-07	1.05E-03	3.04E-10	2.27E-01	1.57E-01	1.09E-11	1.0E+06	1.1E-05
206	0.45676	6.65E-07	3.0E-07	1.05E-03	3.18E-10	2.27E-01	1.57E-01	1.13E-11	1.0E+06	1.1E-05
207	0.47735	6.65E-07	3.2E-07	1.05E-03	3.32E-10	2.27E-01	1.57E-01	1.19E-11	1.0E+06	1.2E-05
208	0.49957	6.65E-07	3.3E-07	1.05E-03	3.47E-10	2.27E-01	1.57E-01	1.24E-11	1.0E+06	1.2E-05
209	0.52362	6.65E-07	3.5E-07	1.05E-03	3.64E-10	2.27E-01	1.57E-01	1.30E-11	1.0E+06	1.3E-05
210	0.55453	6.65E-07	3.7E-07	1.05E-03	3.86E-10	2.27E-01	1.57E-01	1.38E-11	1.0E+06	1.4E-05
211	0.24407	6.65E-07	1.6E-07	1.05E-03	1.70E-10	2.27E-01	1.57E-01	6.06E-12	1.0E+06	6.1E-06
212	0.25108	6.65E-07	1.7E-07	1.05E-03	1.75E-10	2.27E-01	1.57E-01	6.24E-12	1.0E+06	6.2E-06
213	0.2585	6.65E-07	1.7E-07	1.05E-03	1.80E-10	2.27E-01	1.57E-01	6.42E-12	1.0E+06	6.4E-06
214	0.26629	6.65E-07	1.8E-07	1.05E-03	1.85E-10	2.27E-01	1.57E-01	6.62E-12	1.0E+06	6.6E-06
215	0.27449	6.65E-07	1.8E-07	1.05E-03	1.91E-10	2.27E-01	1.57E-01	6.82E-12	1.0E+06	6.8E-06
216	0.28313	6.65E-07	1.9E-07	1.05E-03	1.97E-10	2.27E-01	1.57E-01	7.04E-12	1.0E+06	7.0E-06

Berkley WTPF

Haul1 Unmitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
217	0.29224	6.65E-07	1.9E-07	1.05E-03	2.03E-10	2.27E-01	1.57E-01	7.26E-12	1.0E+06	7.3E-06
218	0.30185	6.65E-07	2.0E-07	1.05E-03	2.10E-10	2.27E-01	1.57E-01	7.50E-12	1.0E+06	7.5E-06
219	0.31201	6.65E-07	2.1E-07	1.05E-03	2.17E-10	2.27E-01	1.57E-01	7.75E-12	1.0E+06	7.8E-06
220	0.40299	6.65E-07	2.7E-07	1.05E-03	2.80E-10	2.27E-01	1.57E-01	1.00E-11	1.0E+06	1.0E-05
221	0.41967	6.65E-07	2.8E-07	1.05E-03	2.92E-10	2.27E-01	1.57E-01	1.04E-11	1.0E+06	1.0E-05
222	0.43754	6.65E-07	2.9E-07	1.05E-03	3.04E-10	2.27E-01	1.57E-01	1.09E-11	1.0E+06	1.1E-05
223	0.45674	6.65E-07	3.0E-07	1.05E-03	3.18E-10	2.27E-01	1.57E-01	1.13E-11	1.0E+06	1.1E-05
224	0.47741	6.65E-07	3.2E-07	1.05E-03	3.32E-10	2.27E-01	1.57E-01	1.19E-11	1.0E+06	1.2E-05
225	0.49973	6.65E-07	3.3E-07	1.05E-03	3.47E-10	2.27E-01	1.57E-01	1.24E-11	1.0E+06	1.2E-05
226	0.524	6.65E-07	3.5E-07	1.05E-03	3.64E-10	2.27E-01	1.57E-01	1.30E-11	1.0E+06	1.3E-05
227	0.23528	6.65E-07	1.6E-07	1.05E-03	1.64E-10	2.27E-01	1.57E-01	5.85E-12	1.0E+06	5.8E-06
228	0.24177	6.65E-07	1.6E-07	1.05E-03	1.68E-10	2.27E-01	1.57E-01	6.01E-12	1.0E+06	6.0E-06
229	0.24877	6.65E-07	1.7E-07	1.05E-03	1.73E-10	2.27E-01	1.57E-01	6.18E-12	1.0E+06	6.2E-06
230	0.25615	6.65E-07	1.7E-07	1.05E-03	1.78E-10	2.27E-01	1.57E-01	6.36E-12	1.0E+06	6.4E-06
231	0.2639	6.65E-07	1.8E-07	1.05E-03	1.84E-10	2.27E-01	1.57E-01	6.56E-12	1.0E+06	6.6E-06
232	0.27205	6.65E-07	1.8E-07	1.05E-03	1.89E-10	2.27E-01	1.57E-01	6.76E-12	1.0E+06	6.8E-06
233	0.28064	6.65E-07	1.9E-07	1.05E-03	1.95E-10	2.27E-01	1.57E-01	6.97E-12	1.0E+06	7.0E-06
234	0.2897	6.65E-07	1.9E-07	1.05E-03	2.01E-10	2.27E-01	1.57E-01	7.20E-12	1.0E+06	7.2E-06
235	0.29927	6.65E-07	2.0E-07	1.05E-03	2.08E-10	2.27E-01	1.57E-01	7.44E-12	1.0E+06	7.4E-06
236	0.30938	6.65E-07	2.1E-07	1.05E-03	2.15E-10	2.27E-01	1.57E-01	7.69E-12	1.0E+06	7.7E-06
237	0.38441	6.65E-07	2.6E-07	1.05E-03	2.67E-10	2.27E-01	1.57E-01	9.55E-12	1.0E+06	9.6E-06
238	0.39992	6.65E-07	2.7E-07	1.05E-03	2.78E-10	2.27E-01	1.57E-01	9.94E-12	1.0E+06	9.9E-06
239	0.41652	6.65E-07	2.8E-07	1.05E-03	2.90E-10	2.27E-01	1.57E-01	1.03E-11	1.0E+06	1.0E-05
240	0.43431	6.65E-07	2.9E-07	1.05E-03	3.02E-10	2.27E-01	1.57E-01	1.08E-11	1.0E+06	1.1E-05
241	0.45341	6.65E-07	3.0E-07	1.05E-03	3.15E-10	2.27E-01	1.57E-01	1.13E-11	1.0E+06	1.1E-05
242	0.47397	6.65E-07	3.2E-07	1.05E-03	3.30E-10	2.27E-01	1.57E-01	1.18E-11	1.0E+06	1.2E-05
243	0.49689	6.65E-07	3.3E-07	1.05E-03	3.46E-10	2.27E-01	1.57E-01	1.23E-11	1.0E+06	1.2E-05
244	0.52264	6.65E-07	3.5E-07	1.05E-03	3.63E-10	2.27E-01	1.57E-01	1.30E-11	1.0E+06	1.3E-05
245	0.24529	6.65E-07	1.6E-07	1.05E-03	1.71E-10	2.27E-01	1.57E-01	6.09E-12	1.0E+06	6.1E-06
246	0.25255	6.65E-07	1.7E-07	1.05E-03	1.76E-10	2.27E-01	1.57E-01	6.28E-12	1.0E+06	6.3E-06
247	0.26019	6.65E-07	1.7E-07	1.05E-03	1.81E-10	2.27E-01	1.57E-01	6.47E-12	1.0E+06	6.5E-06

Berkley WTPF

Haul1 Unmitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
248	0.26823	6.65E-07	1.8E-07	1.05E-03	1.87E-10	2.27E-01	1.57E-01	6.66E-12	1.0E+06	6.7E-06
249	0.27669	6.65E-07	1.8E-07	1.05E-03	1.92E-10	2.27E-01	1.57E-01	6.88E-12	1.0E+06	6.9E-06
250	0.28562	6.65E-07	1.9E-07	1.05E-03	1.99E-10	2.27E-01	1.57E-01	7.10E-12	1.0E+06	7.1E-06
251	0.29505	6.65E-07	2.0E-07	1.05E-03	2.05E-10	2.27E-01	1.57E-01	7.33E-12	1.0E+06	7.3E-06
252	0.30501	6.65E-07	2.0E-07	1.05E-03	2.12E-10	2.27E-01	1.57E-01	7.58E-12	1.0E+06	7.6E-06
253	0.37891	6.65E-07	2.5E-07	1.05E-03	2.63E-10	2.27E-01	1.57E-01	9.42E-12	1.0E+06	9.4E-06
254	0.39418	6.65E-07	2.6E-07	1.05E-03	2.74E-10	2.27E-01	1.57E-01	9.79E-12	1.0E+06	9.8E-06
255	0.41052	6.65E-07	2.7E-07	1.05E-03	2.85E-10	2.27E-01	1.57E-01	1.02E-11	1.0E+06	1.0E-05
256	0.42802	6.65E-07	2.8E-07	1.05E-03	2.98E-10	2.27E-01	1.57E-01	1.06E-11	1.0E+06	1.1E-05
257	0.44682	6.65E-07	3.0E-07	1.05E-03	3.11E-10	2.27E-01	1.57E-01	1.11E-11	1.0E+06	1.1E-05
258	0.46704	6.65E-07	3.1E-07	1.05E-03	3.25E-10	2.27E-01	1.57E-01	1.16E-11	1.0E+06	1.2E-05
259	0.49022	6.65E-07	3.3E-07	1.05E-03	3.41E-10	2.27E-01	1.57E-01	1.22E-11	1.0E+06	1.2E-05
260	0.28035	6.65E-07	1.9E-07	1.05E-03	1.95E-10	2.27E-01	1.57E-01	6.97E-12	1.0E+06	7.0E-06
261	0.28956	6.65E-07	1.9E-07	1.05E-03	2.01E-10	2.27E-01	1.57E-01	7.19E-12	1.0E+06	7.2E-06
262	0.35748	6.65E-07	2.4E-07	1.05E-03	2.49E-10	2.27E-01	1.57E-01	8.88E-12	1.0E+06	8.9E-06
263	0.37142	6.65E-07	2.5E-07	1.05E-03	2.58E-10	2.27E-01	1.57E-01	9.23E-12	1.0E+06	9.2E-06
264	0.38631	6.65E-07	2.6E-07	1.05E-03	2.69E-10	2.27E-01	1.57E-01	9.60E-12	1.0E+06	9.6E-06
265	0.40223	6.65E-07	2.7E-07	1.05E-03	2.80E-10	2.27E-01	1.57E-01	9.99E-12	1.0E+06	1.0E-05
266	0.41928	6.65E-07	2.8E-07	1.05E-03	2.92E-10	2.27E-01	1.57E-01	1.04E-11	1.0E+06	1.0E-05
267	0.43758	6.65E-07	2.9E-07	1.05E-03	3.04E-10	2.27E-01	1.57E-01	1.09E-11	1.0E+06	1.1E-05
268	0.45736	6.65E-07	3.0E-07	1.05E-03	3.18E-10	2.27E-01	1.57E-01	1.14E-11	1.0E+06	1.1E-05
269	0.48049	6.65E-07	3.2E-07	1.05E-03	3.34E-10	2.27E-01	1.57E-01	1.19E-11	1.0E+06	1.2E-05
270	0.34914	6.65E-07	2.3E-07	1.05E-03	2.43E-10	2.27E-01	1.57E-01	8.68E-12	1.0E+06	8.7E-06
271	0.36265	6.65E-07	2.4E-07	1.05E-03	2.52E-10	2.27E-01	1.57E-01	9.01E-12	1.0E+06	9.0E-06
272	0.37706	6.65E-07	2.5E-07	1.05E-03	2.62E-10	2.27E-01	1.57E-01	9.37E-12	1.0E+06	9.4E-06
273	0.39246	6.65E-07	2.6E-07	1.05E-03	2.73E-10	2.27E-01	1.57E-01	9.75E-12	1.0E+06	9.8E-06
274	0.40894	6.65E-07	2.7E-07	1.05E-03	2.84E-10	2.27E-01	1.57E-01	1.02E-11	1.0E+06	1.0E-05
275	0.42663	6.65E-07	2.8E-07	1.05E-03	2.97E-10	2.27E-01	1.57E-01	1.06E-11	1.0E+06	1.1E-05
276	0.44698	6.65E-07	3.0E-07	1.05E-03	3.11E-10	2.27E-01	1.57E-01	1.11E-11	1.0E+06	1.1E-05
277	0.20192	6.65E-07	1.3E-07	1.05E-03	1.40E-10	2.27E-01	1.57E-01	5.02E-12	1.0E+06	5.0E-06
278	0.2069	6.65E-07	1.4E-07	1.05E-03	1.44E-10	2.27E-01	1.57E-01	5.14E-12	1.0E+06	5.1E-06

Berkley WTPF

Haul1 Unmitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
279	0.21243	6.65E-07	1.4E-07	1.05E-03	1.48E-10	2.27E-01	1.57E-01	5.28E-12	1.0E+06	5.3E-06
280	0.21825	6.65E-07	1.5E-07	1.05E-03	1.52E-10	2.27E-01	1.57E-01	5.42E-12	1.0E+06	5.4E-06
281	0.22435	6.65E-07	1.5E-07	1.05E-03	1.56E-10	2.27E-01	1.57E-01	5.57E-12	1.0E+06	5.6E-06
282	0.32802	6.65E-07	2.2E-07	1.05E-03	2.28E-10	2.27E-01	1.57E-01	8.15E-12	1.0E+06	8.2E-06
283	0.34026	6.65E-07	2.3E-07	1.05E-03	2.37E-10	2.27E-01	1.57E-01	8.45E-12	1.0E+06	8.5E-06
284	0.35329	6.65E-07	2.4E-07	1.05E-03	2.46E-10	2.27E-01	1.57E-01	8.78E-12	1.0E+06	8.8E-06
285	0.36718	6.65E-07	2.4E-07	1.05E-03	2.55E-10	2.27E-01	1.57E-01	9.12E-12	1.0E+06	9.1E-06
286	0.38201	6.65E-07	2.5E-07	1.05E-03	2.66E-10	2.27E-01	1.57E-01	9.49E-12	1.0E+06	9.5E-06
287	0.39788	6.65E-07	2.6E-07	1.05E-03	2.77E-10	2.27E-01	1.57E-01	9.89E-12	1.0E+06	9.9E-06
288	0.41489	6.65E-07	2.8E-07	1.05E-03	2.88E-10	2.27E-01	1.57E-01	1.03E-11	1.0E+06	1.0E-05
289	0.43558	6.65E-07	2.9E-07	1.05E-03	3.03E-10	2.27E-01	1.57E-01	1.08E-11	1.0E+06	1.1E-05
290	0.19255	6.65E-07	1.3E-07	1.05E-03	1.34E-10	2.27E-01	1.57E-01	4.78E-12	1.0E+06	4.8E-06
291	0.19719	6.65E-07	1.3E-07	1.05E-03	1.37E-10	2.27E-01	1.57E-01	4.90E-12	1.0E+06	4.9E-06
292	0.20236	6.65E-07	1.3E-07	1.05E-03	1.41E-10	2.27E-01	1.57E-01	5.03E-12	1.0E+06	5.0E-06
293	0.20776	6.65E-07	1.4E-07	1.05E-03	1.44E-10	2.27E-01	1.57E-01	5.16E-12	1.0E+06	5.2E-06
294	0.21341	6.65E-07	1.4E-07	1.05E-03	1.48E-10	2.27E-01	1.57E-01	5.30E-12	1.0E+06	5.3E-06
295	0.21932	6.65E-07	1.5E-07	1.05E-03	1.53E-10	2.27E-01	1.57E-01	5.45E-12	1.0E+06	5.4E-06
296	0.22552	6.65E-07	1.5E-07	1.05E-03	1.57E-10	2.27E-01	1.57E-01	5.60E-12	1.0E+06	5.6E-06
297	0.23203	6.65E-07	1.5E-07	1.05E-03	1.61E-10	2.27E-01	1.57E-01	5.77E-12	1.0E+06	5.8E-06
298	0.23885	6.65E-07	1.6E-07	1.05E-03	1.66E-10	2.27E-01	1.57E-01	5.93E-12	1.0E+06	5.9E-06
299	0.24603	6.65E-07	1.6E-07	1.05E-03	1.71E-10	2.27E-01	1.57E-01	6.11E-12	1.0E+06	6.1E-06
300	0.25358	6.65E-07	1.7E-07	1.05E-03	1.76E-10	2.27E-01	1.57E-01	6.30E-12	1.0E+06	6.3E-06
301	0.31955	6.65E-07	2.1E-07	1.05E-03	2.22E-10	2.27E-01	1.57E-01	7.94E-12	1.0E+06	7.9E-06
302	0.33134	6.65E-07	2.2E-07	1.05E-03	2.30E-10	2.27E-01	1.57E-01	8.23E-12	1.0E+06	8.2E-06
303	0.34389	6.65E-07	2.3E-07	1.05E-03	2.39E-10	2.27E-01	1.57E-01	8.54E-12	1.0E+06	8.5E-06
304	0.35726	6.65E-07	2.4E-07	1.05E-03	2.48E-10	2.27E-01	1.57E-01	8.88E-12	1.0E+06	8.9E-06
305	0.37153	6.65E-07	2.5E-07	1.05E-03	2.58E-10	2.27E-01	1.57E-01	9.23E-12	1.0E+06	9.2E-06
306	0.38678	6.65E-07	2.6E-07	1.05E-03	2.69E-10	2.27E-01	1.57E-01	9.61E-12	1.0E+06	9.6E-06
307	0.40311	6.65E-07	2.7E-07	1.05E-03	2.80E-10	2.27E-01	1.57E-01	1.00E-11	1.0E+06	1.0E-05
308	0.18846	6.65E-07	1.3E-07	1.05E-03	1.31E-10	2.27E-01	1.57E-01	4.68E-12	1.0E+06	4.7E-06
309	0.19298	6.65E-07	1.3E-07	1.05E-03	1.34E-10	2.27E-01	1.57E-01	4.80E-12	1.0E+06	4.8E-06

Berkley WTPF

Haul1 Unmitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
310	0.19799	6.65E-07	1.3E-07	1.05E-03	1.38E-10	2.27E-01	1.57E-01	4.92E-12	1.0E+06	4.9E-06
311	0.20324	6.65E-07	1.4E-07	1.05E-03	1.41E-10	2.27E-01	1.57E-01	5.05E-12	1.0E+06	5.1E-06
312	0.20872	6.65E-07	1.4E-07	1.05E-03	1.45E-10	2.27E-01	1.57E-01	5.19E-12	1.0E+06	5.2E-06
313	0.21446	6.65E-07	1.4E-07	1.05E-03	1.49E-10	2.27E-01	1.57E-01	5.33E-12	1.0E+06	5.3E-06
314	0.22047	6.65E-07	1.5E-07	1.05E-03	1.53E-10	2.27E-01	1.57E-01	5.48E-12	1.0E+06	5.5E-06
315	0.22677	6.65E-07	1.5E-07	1.05E-03	1.58E-10	2.27E-01	1.57E-01	5.63E-12	1.0E+06	5.6E-06
316	0.23339	6.65E-07	1.6E-07	1.05E-03	1.62E-10	2.27E-01	1.57E-01	5.80E-12	1.0E+06	5.8E-06
317	0.24034	6.65E-07	1.6E-07	1.05E-03	1.67E-10	2.27E-01	1.57E-01	5.97E-12	1.0E+06	6.0E-06
318	0.24765	6.65E-07	1.6E-07	1.05E-03	1.72E-10	2.27E-01	1.57E-01	6.15E-12	1.0E+06	6.2E-06
319	0.25534	6.65E-07	1.7E-07	1.05E-03	1.78E-10	2.27E-01	1.57E-01	6.34E-12	1.0E+06	6.3E-06
320	0.26344	6.65E-07	1.8E-07	1.05E-03	1.83E-10	2.27E-01	1.57E-01	6.55E-12	1.0E+06	6.5E-06
321	0.27199	6.65E-07	1.8E-07	1.05E-03	1.89E-10	2.27E-01	1.57E-01	6.76E-12	1.0E+06	6.8E-06
322	0.28101	6.65E-07	1.9E-07	1.05E-03	1.95E-10	2.27E-01	1.57E-01	6.98E-12	1.0E+06	7.0E-06
323	0.31137	6.65E-07	2.1E-07	1.05E-03	2.17E-10	2.27E-01	1.57E-01	7.74E-12	1.0E+06	7.7E-06
324	0.32274	6.65E-07	2.1E-07	1.05E-03	2.24E-10	2.27E-01	1.57E-01	8.02E-12	1.0E+06	8.0E-06
325	0.33483	6.65E-07	2.2E-07	1.05E-03	2.33E-10	2.27E-01	1.57E-01	8.32E-12	1.0E+06	8.3E-06
326	0.3477	6.65E-07	2.3E-07	1.05E-03	2.42E-10	2.27E-01	1.57E-01	8.64E-12	1.0E+06	8.6E-06
327	0.36143	6.65E-07	2.4E-07	1.05E-03	2.51E-10	2.27E-01	1.57E-01	8.98E-12	1.0E+06	9.0E-06
328	0.37609	6.65E-07	2.5E-07	1.05E-03	2.62E-10	2.27E-01	1.57E-01	9.34E-12	1.0E+06	9.3E-06
329	0.39179	6.65E-07	2.6E-07	1.05E-03	2.72E-10	2.27E-01	1.57E-01	9.74E-12	1.0E+06	9.7E-06
330	0.1846	6.65E-07	1.2E-07	1.05E-03	1.28E-10	2.27E-01	1.57E-01	4.59E-12	1.0E+06	4.6E-06
331	0.18899	6.65E-07	1.3E-07	1.05E-03	1.31E-10	2.27E-01	1.57E-01	4.70E-12	1.0E+06	4.7E-06
332	0.19386	6.65E-07	1.3E-07	1.05E-03	1.35E-10	2.27E-01	1.57E-01	4.82E-12	1.0E+06	4.8E-06
333	0.19896	6.65E-07	1.3E-07	1.05E-03	1.38E-10	2.27E-01	1.57E-01	4.94E-12	1.0E+06	4.9E-06
334	0.20428	6.65E-07	1.4E-07	1.05E-03	1.42E-10	2.27E-01	1.57E-01	5.08E-12	1.0E+06	5.1E-06
335	0.20986	6.65E-07	1.4E-07	1.05E-03	1.46E-10	2.27E-01	1.57E-01	5.21E-12	1.0E+06	5.2E-06
336	0.21569	6.65E-07	1.4E-07	1.05E-03	1.50E-10	2.27E-01	1.57E-01	5.36E-12	1.0E+06	5.4E-06
337	0.22181	6.65E-07	1.5E-07	1.05E-03	1.54E-10	2.27E-01	1.57E-01	5.51E-12	1.0E+06	5.5E-06
338	0.22822	6.65E-07	1.5E-07	1.05E-03	1.59E-10	2.27E-01	1.57E-01	5.67E-12	1.0E+06	5.7E-06
339	0.23496	6.65E-07	1.6E-07	1.05E-03	1.63E-10	2.27E-01	1.57E-01	5.84E-12	1.0E+06	5.8E-06
340	0.24204	6.65E-07	1.6E-07	1.05E-03	1.68E-10	2.27E-01	1.57E-01	6.01E-12	1.0E+06	6.0E-06

Berkley WTPF

Haul1 Unmitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
341	0.24948	6.65E-07	1.7E-07	1.05E-03	1.73E-10	2.27E-01	1.57E-01	6.20E-12	1.0E+06	6.2E-06
342	0.25733	6.65E-07	1.7E-07	1.05E-03	1.79E-10	2.27E-01	1.57E-01	6.39E-12	1.0E+06	6.4E-06
343	0.2656	6.65E-07	1.8E-07	1.05E-03	1.85E-10	2.27E-01	1.57E-01	6.60E-12	1.0E+06	6.6E-06
344	0.27432	6.65E-07	1.8E-07	1.05E-03	1.91E-10	2.27E-01	1.57E-01	6.82E-12	1.0E+06	6.8E-06
345	0.28355	6.65E-07	1.9E-07	1.05E-03	1.97E-10	2.27E-01	1.57E-01	7.05E-12	1.0E+06	7.0E-06
346	0.29331	6.65E-07	2.0E-07	1.05E-03	2.04E-10	2.27E-01	1.57E-01	7.29E-12	1.0E+06	7.3E-06
347	0.30365	6.65E-07	2.0E-07	1.05E-03	2.11E-10	2.27E-01	1.57E-01	7.54E-12	1.0E+06	7.5E-06
348	0.31462	6.65E-07	2.1E-07	1.05E-03	2.19E-10	2.27E-01	1.57E-01	7.82E-12	1.0E+06	7.8E-06
349	0.32627	6.65E-07	2.2E-07	1.05E-03	2.27E-10	2.27E-01	1.57E-01	8.11E-12	1.0E+06	8.1E-06
350	0.33868	6.65E-07	2.3E-07	1.05E-03	2.36E-10	2.27E-01	1.57E-01	8.42E-12	1.0E+06	8.4E-06
351	0.35243	6.65E-07	2.3E-07	1.05E-03	2.45E-10	2.27E-01	1.57E-01	8.76E-12	1.0E+06	8.8E-06
352	0.3669	6.65E-07	2.4E-07	1.05E-03	2.55E-10	2.27E-01	1.57E-01	9.12E-12	1.0E+06	9.1E-06
353	0.18099	6.65E-07	1.2E-07	1.05E-03	1.26E-10	2.27E-01	1.57E-01	4.50E-12	1.0E+06	4.5E-06
354	0.18526	6.65E-07	1.2E-07	1.05E-03	1.29E-10	2.27E-01	1.57E-01	4.60E-12	1.0E+06	4.6E-06
355	0.19	6.65E-07	1.3E-07	1.05E-03	1.32E-10	2.27E-01	1.57E-01	4.72E-12	1.0E+06	4.7E-06
356	0.19496	6.65E-07	1.3E-07	1.05E-03	1.36E-10	2.27E-01	1.57E-01	4.84E-12	1.0E+06	4.8E-06
357	0.20013	6.65E-07	1.3E-07	1.05E-03	1.39E-10	2.27E-01	1.57E-01	4.97E-12	1.0E+06	5.0E-06
358	0.20555	6.65E-07	1.4E-07	1.05E-03	1.43E-10	2.27E-01	1.57E-01	5.11E-12	1.0E+06	5.1E-06
359	0.21122	6.65E-07	1.4E-07	1.05E-03	1.47E-10	2.27E-01	1.57E-01	5.25E-12	1.0E+06	5.2E-06
360	0.21715	6.65E-07	1.4E-07	1.05E-03	1.51E-10	2.27E-01	1.57E-01	5.40E-12	1.0E+06	5.4E-06
361	0.22338	6.65E-07	1.5E-07	1.05E-03	1.55E-10	2.27E-01	1.57E-01	5.55E-12	1.0E+06	5.6E-06
362	0.22991	6.65E-07	1.5E-07	1.05E-03	1.60E-10	2.27E-01	1.57E-01	5.71E-12	1.0E+06	5.7E-06
363	0.23678	6.65E-07	1.6E-07	1.05E-03	1.65E-10	2.27E-01	1.57E-01	5.88E-12	1.0E+06	5.9E-06
364	0.244	6.65E-07	1.6E-07	1.05E-03	1.70E-10	2.27E-01	1.57E-01	6.06E-12	1.0E+06	6.1E-06
365	0.2516	6.65E-07	1.7E-07	1.05E-03	1.75E-10	2.27E-01	1.57E-01	6.25E-12	1.0E+06	6.3E-06
366	0.2596	6.65E-07	1.7E-07	1.05E-03	1.81E-10	2.27E-01	1.57E-01	6.45E-12	1.0E+06	6.5E-06
367	0.26805	6.65E-07	1.8E-07	1.05E-03	1.86E-10	2.27E-01	1.57E-01	6.66E-12	1.0E+06	6.7E-06
368	0.27698	6.65E-07	1.8E-07	1.05E-03	1.93E-10	2.27E-01	1.57E-01	6.88E-12	1.0E+06	6.9E-06
369	0.28643	6.65E-07	1.9E-07	1.05E-03	1.99E-10	2.27E-01	1.57E-01	7.12E-12	1.0E+06	7.1E-06
370	0.2965	6.65E-07	2.0E-07	1.05E-03	2.06E-10	2.27E-01	1.57E-01	7.37E-12	1.0E+06	7.4E-06
371	0.30716	6.65E-07	2.0E-07	1.05E-03	2.14E-10	2.27E-01	1.57E-01	7.63E-12	1.0E+06	7.6E-06

Berkley WTPF

Haul1 Unmitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
372	0.31847	6.65E-07	2.1E-07	1.05E-03	2.21E-10	2.27E-01	1.57E-01	7.91E-12	1.0E+06	7.9E-06
373	0.18178	6.65E-07	1.2E-07	1.05E-03	1.26E-10	2.27E-01	1.57E-01	4.52E-12	1.0E+06	4.5E-06
374	0.1864	6.65E-07	1.2E-07	1.05E-03	1.30E-10	2.27E-01	1.57E-01	4.63E-12	1.0E+06	4.6E-06
375	0.19122	6.65E-07	1.3E-07	1.05E-03	1.33E-10	2.27E-01	1.57E-01	4.75E-12	1.0E+06	4.8E-06
376	0.19626	6.65E-07	1.3E-07	1.05E-03	1.36E-10	2.27E-01	1.57E-01	4.88E-12	1.0E+06	4.9E-06
377	0.20152	6.65E-07	1.3E-07	1.05E-03	1.40E-10	2.27E-01	1.57E-01	5.01E-12	1.0E+06	5.0E-06
378	0.20703	6.65E-07	1.4E-07	1.05E-03	1.44E-10	2.27E-01	1.57E-01	5.14E-12	1.0E+06	5.1E-06
379	0.2128	6.65E-07	1.4E-07	1.05E-03	1.48E-10	2.27E-01	1.57E-01	5.29E-12	1.0E+06	5.3E-06
380	0.21885	6.65E-07	1.5E-07	1.05E-03	1.52E-10	2.27E-01	1.57E-01	5.44E-12	1.0E+06	5.4E-06
381	0.22519	6.65E-07	1.5E-07	1.05E-03	1.57E-10	2.27E-01	1.57E-01	5.60E-12	1.0E+06	5.6E-06
382	0.23185	6.65E-07	1.5E-07	1.05E-03	1.61E-10	2.27E-01	1.57E-01	5.76E-12	1.0E+06	5.8E-06
383	0.23886	6.65E-07	1.6E-07	1.05E-03	1.66E-10	2.27E-01	1.57E-01	5.94E-12	1.0E+06	5.9E-06
384	0.24623	6.65E-07	1.6E-07	1.05E-03	1.71E-10	2.27E-01	1.57E-01	6.12E-12	1.0E+06	6.1E-06
385	0.25399	6.65E-07	1.7E-07	1.05E-03	1.77E-10	2.27E-01	1.57E-01	6.31E-12	1.0E+06	6.3E-06
386	0.26218	6.65E-07	1.7E-07	1.05E-03	1.82E-10	2.27E-01	1.57E-01	6.51E-12	1.0E+06	6.5E-06
387	0.27083	6.65E-07	1.8E-07	1.05E-03	1.88E-10	2.27E-01	1.57E-01	6.73E-12	1.0E+06	6.7E-06
388	0.28029	6.65E-07	1.9E-07	1.05E-03	1.95E-10	2.27E-01	1.57E-01	6.96E-12	1.0E+06	7.0E-06
389	0.17879	6.65E-07	1.2E-07	1.05E-03	1.24E-10	2.27E-01	1.57E-01	4.44E-12	1.0E+06	4.4E-06
390	0.1833	6.65E-07	1.2E-07	1.05E-03	1.27E-10	2.27E-01	1.57E-01	4.55E-12	1.0E+06	4.6E-06
391	0.18783	6.65E-07	1.2E-07	1.05E-03	1.31E-10	2.27E-01	1.57E-01	4.67E-12	1.0E+06	4.7E-06
392	0.19261	6.65E-07	1.3E-07	1.05E-03	1.34E-10	2.27E-01	1.57E-01	4.79E-12	1.0E+06	4.8E-06
393	0.19773	6.65E-07	1.3E-07	1.05E-03	1.37E-10	2.27E-01	1.57E-01	4.91E-12	1.0E+06	4.9E-06
394	0.20309	6.65E-07	1.4E-07	1.05E-03	1.41E-10	2.27E-01	1.57E-01	5.05E-12	1.0E+06	5.0E-06
395	0.2087	6.65E-07	1.4E-07	1.05E-03	1.45E-10	2.27E-01	1.57E-01	5.19E-12	1.0E+06	5.2E-06
396	0.21457	6.65E-07	1.4E-07	1.05E-03	1.49E-10	2.27E-01	1.57E-01	5.33E-12	1.0E+06	5.3E-06
397	0.22074	6.65E-07	1.5E-07	1.05E-03	1.53E-10	2.27E-01	1.57E-01	5.48E-12	1.0E+06	5.5E-06
398	0.22721	6.65E-07	1.5E-07	1.05E-03	1.58E-10	2.27E-01	1.57E-01	5.65E-12	1.0E+06	5.6E-06
399	0.23401	6.65E-07	1.6E-07	1.05E-03	1.63E-10	2.27E-01	1.57E-01	5.81E-12	1.0E+06	5.8E-06
400	0.24117	6.65E-07	1.6E-07	1.05E-03	1.68E-10	2.27E-01	1.57E-01	5.99E-12	1.0E+06	6.0E-06
401	0.24871	6.65E-07	1.7E-07	1.05E-03	1.73E-10	2.27E-01	1.57E-01	6.18E-12	1.0E+06	6.2E-06
402	0.25666	6.65E-07	1.7E-07	1.05E-03	1.78E-10	2.27E-01	1.57E-01	6.38E-12	1.0E+06	6.4E-06

Berkley WTPF

Haul1 Unmitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
403	0.26505	6.65E-07	1.8E-07	1.05E-03	1.84E-10	2.27E-01	1.57E-01	6.59E-12	1.0E+06	6.6E-06
404	0.18054	6.65E-07	1.2E-07	1.05E-03	1.26E-10	2.27E-01	1.57E-01	4.49E-12	1.0E+06	4.5E-06
405	0.18472	6.65E-07	1.2E-07	1.05E-03	1.28E-10	2.27E-01	1.57E-01	4.59E-12	1.0E+06	4.6E-06
406	0.1892	6.65E-07	1.3E-07	1.05E-03	1.32E-10	2.27E-01	1.57E-01	4.70E-12	1.0E+06	4.7E-06
407	0.19413	6.65E-07	1.3E-07	1.05E-03	1.35E-10	2.27E-01	1.57E-01	4.82E-12	1.0E+06	4.8E-06
408	0.19935	6.65E-07	1.3E-07	1.05E-03	1.39E-10	2.27E-01	1.57E-01	4.95E-12	1.0E+06	5.0E-06
409	0.2048	6.65E-07	1.4E-07	1.05E-03	1.42E-10	2.27E-01	1.57E-01	5.09E-12	1.0E+06	5.1E-06
410	0.21052	6.65E-07	1.4E-07	1.05E-03	1.46E-10	2.27E-01	1.57E-01	5.23E-12	1.0E+06	5.2E-06
411	0.21652	6.65E-07	1.4E-07	1.05E-03	1.51E-10	2.27E-01	1.57E-01	5.38E-12	1.0E+06	5.4E-06
412	0.22281	6.65E-07	1.5E-07	1.05E-03	1.55E-10	2.27E-01	1.57E-01	5.54E-12	1.0E+06	5.5E-06
413	0.22943	6.65E-07	1.5E-07	1.05E-03	1.60E-10	2.27E-01	1.57E-01	5.70E-12	1.0E+06	5.7E-06
414	0.23639	6.65E-07	1.6E-07	1.05E-03	1.64E-10	2.27E-01	1.57E-01	5.87E-12	1.0E+06	5.9E-06
415	0.24372	6.65E-07	1.6E-07	1.05E-03	1.69E-10	2.27E-01	1.57E-01	6.06E-12	1.0E+06	6.1E-06
416	0.25146	6.65E-07	1.7E-07	1.05E-03	1.75E-10	2.27E-01	1.57E-01	6.25E-12	1.0E+06	6.2E-06
417	0.25967	6.65E-07	1.7E-07	1.05E-03	1.81E-10	2.27E-01	1.57E-01	6.45E-12	1.0E+06	6.5E-06
418	0.18658	6.65E-07	1.2E-07	1.05E-03	1.30E-10	2.27E-01	1.57E-01	4.64E-12	1.0E+06	4.6E-06
419	0.19075	6.65E-07	1.3E-07	1.05E-03	1.33E-10	2.27E-01	1.57E-01	4.74E-12	1.0E+06	4.7E-06
420	0.19577	6.65E-07	1.3E-07	1.05E-03	1.36E-10	2.27E-01	1.57E-01	4.86E-12	1.0E+06	4.9E-06
421	0.20108	6.65E-07	1.3E-07	1.05E-03	1.40E-10	2.27E-01	1.57E-01	5.00E-12	1.0E+06	5.0E-06
422	0.20666	6.65E-07	1.4E-07	1.05E-03	1.44E-10	2.27E-01	1.57E-01	5.14E-12	1.0E+06	5.1E-06
423	0.2125	6.65E-07	1.4E-07	1.05E-03	1.48E-10	2.27E-01	1.57E-01	5.28E-12	1.0E+06	5.3E-06
424	0.21863	6.65E-07	1.5E-07	1.05E-03	1.52E-10	2.27E-01	1.57E-01	5.43E-12	1.0E+06	5.4E-06
425	0.22508	6.65E-07	1.5E-07	1.05E-03	1.57E-10	2.27E-01	1.57E-01	5.59E-12	1.0E+06	5.6E-06
426	0.23187	6.65E-07	1.5E-07	1.05E-03	1.61E-10	2.27E-01	1.57E-01	5.76E-12	1.0E+06	5.8E-06
427	0.23902	6.65E-07	1.6E-07	1.05E-03	1.66E-10	2.27E-01	1.57E-01	5.94E-12	1.0E+06	5.9E-06
428	0.24657	6.65E-07	1.6E-07	1.05E-03	1.71E-10	2.27E-01	1.57E-01	6.13E-12	1.0E+06	6.1E-06
429	0.25512	6.65E-07	1.7E-07	1.05E-03	1.77E-10	2.27E-01	1.57E-01	6.34E-12	1.0E+06	6.3E-06
430	0.20917	6.65E-07	1.4E-07	1.05E-03	1.45E-10	2.27E-01	1.57E-01	5.20E-12	1.0E+06	5.2E-06
431	0.21505	6.65E-07	1.4E-07	1.05E-03	1.50E-10	2.27E-01	1.57E-01	5.34E-12	1.0E+06	5.3E-06
432	0.22137	6.65E-07	1.5E-07	1.05E-03	1.54E-10	2.27E-01	1.57E-01	5.50E-12	1.0E+06	5.5E-06
433	0.22778	6.65E-07	1.5E-07	1.05E-03	1.58E-10	2.27E-01	1.57E-01	5.66E-12	1.0E+06	5.7E-06

Berkley WTPF

Haul1 Unmitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
434	0.23462	6.65E-07	1.6E-07	1.05E-03	1.63E-10	2.27E-01	1.57E-01	5.83E-12	1.0E+06	5.8E-06
435	0.242	6.65E-07	1.6E-07	1.05E-03	1.68E-10	2.27E-01	1.57E-01	6.01E-12	1.0E+06	6.0E-06

Berkley WTPF
Haul1 Unmitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
		Residence	
1	5	3.38E-08	3.38E-08
2	5	3.50E-08	3.50E-08
3	5	3.63E-08	3.63E-08
4	5	3.77E-08	3.77E-08
5	5	3.91E-08	3.91E-08
6	5	4.07E-08	4.07E-08
7	5	4.24E-08	4.24E-08
8	5	4.42E-08	4.42E-08
9	5	3.25E-08	3.25E-08
10	5	3.35E-08	3.35E-08
11	5	3.46E-08	3.46E-08
12	5	3.59E-08	3.59E-08
13	5	3.72E-08	3.72E-08
14	5	3.86E-08	3.86E-08
15	5	4.01E-08	4.01E-08
16	5	4.17E-08	4.17E-08
17	5	4.34E-08	4.34E-08
18	5	4.53E-08	4.53E-08
19	5	4.74E-08	4.74E-08
20	5	4.95E-08	4.95E-08
21	5	3.24E-08	3.24E-08
22	5	3.33E-08	3.33E-08
23	5	3.44E-08	3.44E-08
24	5	3.56E-08	3.56E-08
25	5	3.69E-08	3.69E-08
26	5	3.82E-08	3.82E-08
27	5	3.97E-08	3.97E-08
28	5	4.12E-08	4.12E-08
29	5	4.29E-08	4.29E-08
30	5	4.46E-08	4.46E-08

Max	Receptor #	
7.607E-08	120	Res
1.889E-08	511	Park
9.496E-08	120	Total

Berkley WTPF
Haul1 Unmitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
31	5	4.65E-08	4.65E-08
32	5	4.86E-08	4.86E-08
33	5	5.08E-08	5.08E-08
34	5	5.31E-08	5.31E-08
35	5	5.57E-08	5.57E-08
36	5	5.85E-08	5.85E-08
37	5	3.23E-08	3.23E-08
38	5	3.33E-08	3.33E-08
39	5	3.44E-08	3.44E-08
40	5	3.56E-08	3.56E-08
41	5	3.68E-08	3.68E-08
42	5	3.81E-08	3.81E-08
43	5	3.95E-08	3.95E-08
44	5	4.09E-08	4.09E-08
45	5	4.25E-08	4.25E-08
46	5	4.42E-08	4.42E-08
47	5	4.61E-08	4.61E-08
48	5	4.80E-08	4.80E-08
49	5	5.01E-08	5.01E-08
50	5	5.24E-08	5.24E-08
51	5	5.49E-08	5.49E-08
52	5	5.76E-08	5.76E-08
53	5	6.05E-08	6.05E-08
54	5	6.37E-08	6.37E-08
55	5	6.72E-08	6.72E-08
56	5	3.17E-08	3.17E-08
57	5	3.25E-08	3.25E-08
58	5	3.35E-08	3.35E-08
59	5	3.46E-08	3.46E-08
60	5	3.57E-08	3.57E-08
61	5	3.69E-08	3.69E-08

Berkley WTPF
Haul1 Unmitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
62	5	3.81E-08	3.81E-08
63	5	3.95E-08	3.95E-08
64	5	4.09E-08	4.09E-08
65	5	4.24E-08	4.24E-08
66	5	4.41E-08	4.41E-08
67	5	4.58E-08	4.58E-08
68	5	4.77E-08	4.77E-08
69	5	4.97E-08	4.97E-08
70	5	5.19E-08	5.19E-08
71	5	5.43E-08	5.43E-08
72	5	5.69E-08	5.69E-08
73	5	5.96E-08	5.96E-08
74	5	6.27E-08	6.27E-08
75	5	6.60E-08	6.60E-08
76	5	3.20E-08	3.20E-08
77	5	3.29E-08	3.29E-08
78	5	3.39E-08	3.39E-08
79	5	3.49E-08	3.49E-08
80	5	3.60E-08	3.60E-08
81	5	3.72E-08	3.72E-08
82	5	3.84E-08	3.84E-08
83	5	3.97E-08	3.97E-08
84	5	4.11E-08	4.11E-08
85	5	4.26E-08	4.26E-08
86	5	4.42E-08	4.42E-08
87	5	4.59E-08	4.59E-08
88	5	4.77E-08	4.77E-08
89	5	4.97E-08	4.97E-08
90	5	5.18E-08	5.18E-08
91	5	5.40E-08	5.40E-08
92	5	5.65E-08	5.65E-08

Berkley WTPF
Haul1 Unmitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
93	5	5.92E-08	5.92E-08
94	5	6.21E-08	6.21E-08
95	5	6.53E-08	6.53E-08
96	5	6.87E-08	6.87E-08
97	5	7.25E-08	7.25E-08
98	5	3.25E-08	3.25E-08
99	5	3.34E-08	3.34E-08
100	5	3.43E-08	3.43E-08
101	5	3.54E-08	3.54E-08
102	5	3.65E-08	3.65E-08
103	5	3.76E-08	3.76E-08
104	5	3.88E-08	3.88E-08
105	5	4.01E-08	4.01E-08
106	5	4.15E-08	4.15E-08
107	5	4.29E-08	4.29E-08
108	5	4.45E-08	4.45E-08
109	5	4.62E-08	4.62E-08
110	5	4.80E-08	4.80E-08
111	5	4.99E-08	4.99E-08
112	5	5.19E-08	5.19E-08
113	5	5.41E-08	5.41E-08
114	5	5.65E-08	5.65E-08
115	5	5.91E-08	5.91E-08
116	5	6.19E-08	6.19E-08
117	5	6.50E-08	6.50E-08
118	5	6.83E-08	6.83E-08
119	5	7.20E-08	7.20E-08
120	5	7.61E-08	7.61E-08
121	5	3.21E-08	3.21E-08
122	5	3.29E-08	3.29E-08
123	5	3.38E-08	3.38E-08

Berkley WTPF
Haul1 Unmitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
124	5	3.48E-08	3.48E-08
125	5	3.58E-08	3.58E-08
126	5	3.69E-08	3.69E-08
127	5	3.81E-08	3.81E-08
128	5	3.93E-08	3.93E-08
129	5	4.06E-08	4.06E-08
130	5	4.20E-08	4.20E-08
131	5	4.34E-08	4.34E-08
132	5	4.50E-08	4.50E-08
133	5	4.66E-08	4.66E-08
134	5	4.84E-08	4.84E-08
135	5	5.03E-08	5.03E-08
136	5	5.23E-08	5.23E-08
137	5	5.45E-08	5.45E-08
138	5	5.69E-08	5.69E-08
139	5	5.94E-08	5.94E-08
140	5	6.21E-08	6.21E-08
141	5	6.51E-08	6.51E-08
142	5	6.84E-08	6.84E-08
143	5	7.19E-08	7.19E-08
144	5	7.60E-08	7.60E-08
145	5	3.25E-08	3.25E-08
146	5	3.33E-08	3.33E-08
147	5	3.42E-08	3.42E-08
148	5	3.52E-08	3.52E-08
149	5	3.63E-08	3.63E-08
150	5	3.74E-08	3.74E-08
151	5	3.85E-08	3.85E-08
152	5	3.98E-08	3.98E-08
153	5	4.11E-08	4.11E-08
154	5	4.25E-08	4.25E-08

Berkley WTPF
Haul1 Unmitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
155	5	4.39E-08	4.39E-08
156	5	4.55E-08	4.55E-08
157	5	4.72E-08	4.72E-08
158	5	4.89E-08	4.89E-08
159	5	5.08E-08	5.08E-08
160	5	5.29E-08	5.29E-08
161	5	5.50E-08	5.50E-08
162	5	5.74E-08	5.74E-08
163	5	5.99E-08	5.99E-08
164	5	6.26E-08	6.26E-08
165	5	6.56E-08	6.56E-08
166	5	6.87E-08	6.87E-08
167	5	7.23E-08	7.23E-08
168	5	3.27E-08	3.27E-08
169	5	3.35E-08	3.35E-08
170	5	3.44E-08	3.44E-08
171	5	3.55E-08	3.55E-08
172	5	3.65E-08	3.65E-08
173	5	3.77E-08	3.77E-08
174	5	3.89E-08	3.89E-08
175	5	4.01E-08	4.01E-08
176	5	4.14E-08	4.14E-08
177	5	4.29E-08	4.29E-08
178	5	4.43E-08	4.43E-08
179	5	4.59E-08	4.59E-08
180	5	4.76E-08	4.76E-08
181	5	4.94E-08	4.94E-08
182	5	5.13E-08	5.13E-08
183	5	5.34E-08	5.34E-08
184	5	5.56E-08	5.56E-08
185	5	5.79E-08	5.79E-08

Berkley WTPF
Haul1 Unmitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
186	5	6.04E-08	6.04E-08
187	5	6.31E-08	6.31E-08
188	5	6.61E-08	6.61E-08
189	5	6.93E-08	6.93E-08
190	5	7.32E-08	7.32E-08
191	5	3.27E-08	3.27E-08
192	5	3.36E-08	3.36E-08
193	5	3.45E-08	3.45E-08
194	5	3.55E-08	3.55E-08
195	5	3.66E-08	3.66E-08
196	5	3.78E-08	3.78E-08
197	5	3.90E-08	3.90E-08
198	5	4.03E-08	4.03E-08
199	5	4.16E-08	4.16E-08
200	5	4.30E-08	4.30E-08
201	5	4.97E-08	4.97E-08
202	5	5.16E-08	5.16E-08
203	5	5.37E-08	5.37E-08
204	5	5.59E-08	5.59E-08
205	5	5.82E-08	5.82E-08
206	5	6.08E-08	6.08E-08
207	5	6.35E-08	6.35E-08
208	5	6.65E-08	6.65E-08
209	5	6.97E-08	6.97E-08
210	5	7.38E-08	7.38E-08
211	5	3.25E-08	3.25E-08
212	5	3.34E-08	3.34E-08
213	5	3.44E-08	3.44E-08
214	5	3.54E-08	3.54E-08
215	5	3.65E-08	3.65E-08
216	5	3.77E-08	3.77E-08

Berkley WTPF
Haul1 Unmitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
217	5	3.89E-08	3.89E-08
218	5	4.02E-08	4.02E-08
219	5	4.15E-08	4.15E-08
220	5	5.36E-08	5.36E-08
221	5	5.58E-08	5.58E-08
222	5	5.82E-08	5.82E-08
223	5	6.08E-08	6.08E-08
224	5	6.35E-08	6.35E-08
225	5	6.65E-08	6.65E-08
226	5	6.97E-08	6.97E-08
227	5	3.13E-08	3.13E-08
228	5	3.22E-08	3.22E-08
229	5	3.31E-08	3.31E-08
230	5	3.41E-08	3.41E-08
231	5	3.51E-08	3.51E-08
232	5	3.62E-08	3.62E-08
233	5	3.73E-08	3.73E-08
234	5	3.85E-08	3.85E-08
235	5	3.98E-08	3.98E-08
236	5	4.12E-08	4.12E-08
237	5	5.11E-08	5.11E-08
238	5	5.32E-08	5.32E-08
239	5	5.54E-08	5.54E-08
240	5	5.78E-08	5.78E-08
241	5	6.03E-08	6.03E-08
242	5	6.31E-08	6.31E-08
243	5	6.61E-08	6.61E-08
244	5	6.95E-08	6.95E-08
245	5	3.26E-08	3.26E-08
246	5	3.36E-08	3.36E-08
247	5	3.46E-08	3.46E-08

Berkley WTPF
Haul1 Unmitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
248	5	3.57E-08	3.57E-08
249	5	3.68E-08	3.68E-08
250	5	3.80E-08	3.80E-08
251	5	3.93E-08	3.93E-08
252	5	4.06E-08	4.06E-08
253	5	5.04E-08	5.04E-08
254	5	5.24E-08	5.24E-08
255	5	5.46E-08	5.46E-08
256	5	5.70E-08	5.70E-08
257	5	5.95E-08	5.95E-08
258	5	6.21E-08	6.21E-08
259	5	6.52E-08	6.52E-08
260	5	3.73E-08	3.73E-08
261	5	3.85E-08	3.85E-08
262	5	4.76E-08	4.76E-08
263	5	4.94E-08	4.94E-08
264	5	5.14E-08	5.14E-08
265	5	5.35E-08	5.35E-08
266	5	5.58E-08	5.58E-08
267	5	5.82E-08	5.82E-08
268	5	6.09E-08	6.09E-08
269	5	6.39E-08	6.39E-08
270	5	4.65E-08	4.65E-08
271	5	4.83E-08	4.83E-08
272	5	5.02E-08	5.02E-08
273	5	5.22E-08	5.22E-08
274	5	5.44E-08	5.44E-08
275	5	5.68E-08	5.68E-08
276	5	5.95E-08	5.95E-08
277	5	2.69E-08	2.69E-08
278	5	2.75E-08	2.75E-08

Berkley WTPF
Haul1 Unmitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
279	5	2.83E-08	2.83E-08
280	5	2.90E-08	2.90E-08
281	5	2.99E-08	2.99E-08
282	5	4.36E-08	4.36E-08
283	5	4.53E-08	4.53E-08
284	5	4.70E-08	4.70E-08
285	5	4.89E-08	4.89E-08
286	5	5.08E-08	5.08E-08
287	5	5.29E-08	5.29E-08
288	5	5.52E-08	5.52E-08
289	5	5.80E-08	5.80E-08
290	5	2.56E-08	2.56E-08
291	5	2.62E-08	2.62E-08
292	5	2.69E-08	2.69E-08
293	5	2.76E-08	2.76E-08
294	5	2.84E-08	2.84E-08
295	5	2.92E-08	2.92E-08
296	5	3.00E-08	3.00E-08
297	5	3.09E-08	3.09E-08
298	5	3.18E-08	3.18E-08
299	5	3.27E-08	3.27E-08
300	5	3.37E-08	3.37E-08
301	5	4.25E-08	4.25E-08
302	5	4.41E-08	4.41E-08
303	5	4.58E-08	4.58E-08
304	5	4.75E-08	4.75E-08
305	5	4.94E-08	4.94E-08
306	5	5.15E-08	5.15E-08
307	5	5.36E-08	5.36E-08
308	5	2.51E-08	2.51E-08
309	5	2.57E-08	2.57E-08

Berkley WTPF
Haul1 Unmitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
310	5	2.63E-08	2.63E-08
311	5	2.70E-08	2.70E-08
312	5	2.78E-08	2.78E-08
313	5	2.85E-08	2.85E-08
314	5	2.93E-08	2.93E-08
315	5	3.02E-08	3.02E-08
316	5	3.11E-08	3.11E-08
317	5	3.20E-08	3.20E-08
318	5	3.30E-08	3.30E-08
319	5	3.40E-08	3.40E-08
320	5	3.51E-08	3.51E-08
321	5	3.62E-08	3.62E-08
322	5	3.74E-08	3.74E-08
323	5	4.14E-08	4.14E-08
324	5	4.29E-08	4.29E-08
325	5	4.46E-08	4.46E-08
326	5	4.63E-08	4.63E-08
327	5	4.81E-08	4.81E-08
328	5	5.00E-08	5.00E-08
329	5	5.21E-08	5.21E-08
330	5	2.46E-08	2.46E-08
331	5	2.51E-08	2.51E-08
332	5	2.58E-08	2.58E-08
333	5	2.65E-08	2.65E-08
334	5	2.72E-08	2.72E-08
335	5	2.79E-08	2.79E-08
336	5	2.87E-08	2.87E-08
337	5	2.95E-08	2.95E-08
338	5	3.04E-08	3.04E-08
339	5	3.13E-08	3.13E-08
340	5	3.22E-08	3.22E-08

Berkley WTPF
Haul1 Unmitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
341	5	3.32E-08	3.32E-08
342	5	3.42E-08	3.42E-08
343	5	3.53E-08	3.53E-08
344	5	3.65E-08	3.65E-08
345	5	3.77E-08	3.77E-08
346	5	3.90E-08	3.90E-08
347	5	4.04E-08	4.04E-08
348	5	4.19E-08	4.19E-08
349	5	4.34E-08	4.34E-08
350	5	4.51E-08	4.51E-08
351	5	4.69E-08	4.69E-08
352	5	4.88E-08	4.88E-08
353	5	2.41E-08	2.41E-08
354	5	2.46E-08	2.46E-08
355	5	2.53E-08	2.53E-08
356	5	2.59E-08	2.59E-08
357	5	2.66E-08	2.66E-08
358	5	2.73E-08	2.73E-08
359	5	2.81E-08	2.81E-08
360	5	2.89E-08	2.89E-08
361	5	2.97E-08	2.97E-08
362	5	3.06E-08	3.06E-08
363	5	3.15E-08	3.15E-08
364	5	3.25E-08	3.25E-08
365	5	3.35E-08	3.35E-08
366	5	3.45E-08	3.45E-08
367	5	3.57E-08	3.57E-08
368	5	3.69E-08	3.69E-08
369	5	3.81E-08	3.81E-08
370	5	3.95E-08	3.95E-08
371	5	4.09E-08	4.09E-08

Berkley WTPF
Haul1 Unmitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
372	5	4.24E-08	4.24E-08
373	5	2.42E-08	2.42E-08
374	5	2.48E-08	2.48E-08
375	5	2.54E-08	2.54E-08
376	5	2.61E-08	2.61E-08
377	5	2.68E-08	2.68E-08
378	5	2.75E-08	2.75E-08
379	5	2.83E-08	2.83E-08
380	5	2.91E-08	2.91E-08
381	5	3.00E-08	3.00E-08
382	5	3.08E-08	3.08E-08
383	5	3.18E-08	3.18E-08
384	5	3.28E-08	3.28E-08
385	5	3.38E-08	3.38E-08
386	5	3.49E-08	3.49E-08
387	5	3.60E-08	3.60E-08
388	5	3.73E-08	3.73E-08
389	5	2.38E-08	2.38E-08
390	5	2.44E-08	2.44E-08
391	5	2.50E-08	2.50E-08
392	5	2.56E-08	2.56E-08
393	5	2.63E-08	2.63E-08
394	5	2.70E-08	2.70E-08
395	5	2.78E-08	2.78E-08
396	5	2.85E-08	2.85E-08
397	5	2.94E-08	2.94E-08
398	5	3.02E-08	3.02E-08
399	5	3.11E-08	3.11E-08
400	5	3.21E-08	3.21E-08
401	5	3.31E-08	3.31E-08
402	5	3.42E-08	3.42E-08

Berkley WTPF
Haul1 Unmitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
403	5	3.53E-08	3.53E-08
404	5	2.40E-08	2.40E-08
405	5	2.46E-08	2.46E-08
406	5	2.52E-08	2.52E-08
407	5	2.58E-08	2.58E-08
408	5	2.65E-08	2.65E-08
409	5	2.72E-08	2.72E-08
410	5	2.80E-08	2.80E-08
411	5	2.88E-08	2.88E-08
412	5	2.96E-08	2.96E-08
413	5	3.05E-08	3.05E-08
414	5	3.15E-08	3.15E-08
415	5	3.24E-08	3.24E-08
416	5	3.35E-08	3.35E-08
417	5	3.46E-08	3.46E-08
418	5	2.48E-08	2.48E-08
419	5	2.54E-08	2.54E-08
420	5	2.60E-08	2.60E-08
421	5	2.68E-08	2.68E-08
422	5	2.75E-08	2.75E-08
423	5	2.83E-08	2.83E-08
424	5	2.91E-08	2.91E-08
425	5	2.99E-08	2.99E-08
426	5	3.09E-08	3.09E-08
427	5	3.18E-08	3.18E-08
428	5	3.28E-08	3.28E-08
429	5	3.39E-08	3.39E-08
430	5	2.78E-08	2.78E-08
431	5	2.86E-08	2.86E-08
432	5	2.95E-08	2.95E-08
433	5	3.03E-08	3.03E-08

Berkley WTPF
Haul1 Unmitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
434	5	3.12E-08	3.12E-08
435	5	3.22E-08	3.22E-08

Berkley WTPF

Haul2 Unmitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
					Residence					
1	0.19303	2.87E-06	5.5E-07	1.05E-03	5.79E-10	2.27E-01	1.57E-01	2.07E-11	1.0E+06	2.1E-05
2	0.19801	2.87E-06	5.7E-07	1.05E-03	5.94E-10	2.27E-01	1.57E-01	2.12E-11	1.0E+06	2.1E-05
3	0.20328	2.87E-06	5.8E-07	1.05E-03	6.10E-10	2.27E-01	1.57E-01	2.18E-11	1.0E+06	2.2E-05
4	0.20887	2.87E-06	6.0E-07	1.05E-03	6.27E-10	2.27E-01	1.57E-01	2.24E-11	1.0E+06	2.2E-05
5	0.21486	2.87E-06	6.2E-07	1.05E-03	6.45E-10	2.27E-01	1.57E-01	2.30E-11	1.0E+06	2.3E-05
6	0.22115	2.87E-06	6.4E-07	1.05E-03	6.64E-10	2.27E-01	1.57E-01	2.37E-11	1.0E+06	2.4E-05
7	0.22777	2.87E-06	6.5E-07	1.05E-03	6.84E-10	2.27E-01	1.57E-01	2.44E-11	1.0E+06	2.4E-05
8	0.23463	2.87E-06	6.7E-07	1.05E-03	7.04E-10	2.27E-01	1.57E-01	2.52E-11	1.0E+06	2.5E-05
9	0.18683	2.87E-06	5.4E-07	1.05E-03	5.61E-10	2.27E-01	1.57E-01	2.00E-11	1.0E+06	2.0E-05
10	0.19132	2.87E-06	5.5E-07	1.05E-03	5.74E-10	2.27E-01	1.57E-01	2.05E-11	1.0E+06	2.1E-05
11	0.1963	2.87E-06	5.6E-07	1.05E-03	5.89E-10	2.27E-01	1.57E-01	2.11E-11	1.0E+06	2.1E-05
12	0.20154	2.87E-06	5.8E-07	1.05E-03	6.05E-10	2.27E-01	1.57E-01	2.16E-11	1.0E+06	2.2E-05
13	0.20704	2.87E-06	5.9E-07	1.05E-03	6.21E-10	2.27E-01	1.57E-01	2.22E-11	1.0E+06	2.2E-05
14	0.21282	2.87E-06	6.1E-07	1.05E-03	6.39E-10	2.27E-01	1.57E-01	2.28E-11	1.0E+06	2.3E-05
15	0.21888	2.87E-06	6.3E-07	1.05E-03	6.57E-10	2.27E-01	1.57E-01	2.35E-11	1.0E+06	2.3E-05
16	0.22526	2.87E-06	6.5E-07	1.05E-03	6.76E-10	2.27E-01	1.57E-01	2.42E-11	1.0E+06	2.4E-05
17	0.23197	2.87E-06	6.7E-07	1.05E-03	6.96E-10	2.27E-01	1.57E-01	2.49E-11	1.0E+06	2.5E-05
18	0.23918	2.87E-06	6.9E-07	1.05E-03	7.18E-10	2.27E-01	1.57E-01	2.57E-11	1.0E+06	2.6E-05
19	0.24694	2.87E-06	7.1E-07	1.05E-03	7.41E-10	2.27E-01	1.57E-01	2.65E-11	1.0E+06	2.6E-05
20	0.25487	2.87E-06	7.3E-07	1.05E-03	7.65E-10	2.27E-01	1.57E-01	2.73E-11	1.0E+06	2.7E-05
21	0.18534	2.87E-06	5.3E-07	1.05E-03	5.56E-10	2.27E-01	1.57E-01	1.99E-11	1.0E+06	2.0E-05
22	0.18976	2.87E-06	5.4E-07	1.05E-03	5.70E-10	2.27E-01	1.57E-01	2.04E-11	1.0E+06	2.0E-05
23	0.19466	2.87E-06	5.6E-07	1.05E-03	5.84E-10	2.27E-01	1.57E-01	2.09E-11	1.0E+06	2.1E-05
24	0.19983	2.87E-06	5.7E-07	1.05E-03	6.00E-10	2.27E-01	1.57E-01	2.14E-11	1.0E+06	2.1E-05
25	0.20524	2.87E-06	5.9E-07	1.05E-03	6.16E-10	2.27E-01	1.57E-01	2.20E-11	1.0E+06	2.2E-05
26	0.21091	2.87E-06	6.1E-07	1.05E-03	6.33E-10	2.27E-01	1.57E-01	2.26E-11	1.0E+06	2.3E-05
27	0.21687	2.87E-06	6.2E-07	1.05E-03	6.51E-10	2.27E-01	1.57E-01	2.33E-11	1.0E+06	2.3E-05
28	0.22314	2.87E-06	6.4E-07	1.05E-03	6.70E-10	2.27E-01	1.57E-01	2.39E-11	1.0E+06	2.4E-05
29	0.22974	2.87E-06	6.6E-07	1.05E-03	6.90E-10	2.27E-01	1.57E-01	2.46E-11	1.0E+06	2.5E-05
30	0.23669	2.87E-06	6.8E-07	1.05E-03	7.10E-10	2.27E-01	1.57E-01	2.54E-11	1.0E+06	2.5E-05

	Max	Receptor #
Res	3.70E-05	120
Park	9.69E-06	511
Total	4.66E-05	120

Berkley WTPF

Haul2 Unmitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
31	0.24402	2.87E-06	7.0E-07	1.05E-03	7.32E-10	2.27E-01	1.57E-01	2.62E-11	1.0E+06	2.6E-05
32	0.25176	2.87E-06	7.2E-07	1.05E-03	7.56E-10	2.27E-01	1.57E-01	2.70E-11	1.0E+06	2.7E-05
33	0.25995	2.87E-06	7.5E-07	1.05E-03	7.80E-10	2.27E-01	1.57E-01	2.79E-11	1.0E+06	2.8E-05
34	0.26862	2.87E-06	7.7E-07	1.05E-03	8.06E-10	2.27E-01	1.57E-01	2.88E-11	1.0E+06	2.9E-05
35	0.27781	2.87E-06	8.0E-07	1.05E-03	8.34E-10	2.27E-01	1.57E-01	2.98E-11	1.0E+06	3.0E-05
36	0.28784	2.87E-06	8.3E-07	1.05E-03	8.64E-10	2.27E-01	1.57E-01	3.09E-11	1.0E+06	3.1E-05
37	0.18364	2.87E-06	5.3E-07	1.05E-03	5.51E-10	2.27E-01	1.57E-01	1.97E-11	1.0E+06	2.0E-05
38	0.18818	2.87E-06	5.4E-07	1.05E-03	5.65E-10	2.27E-01	1.57E-01	2.02E-11	1.0E+06	2.0E-05
39	0.19303	2.87E-06	5.5E-07	1.05E-03	5.79E-10	2.27E-01	1.57E-01	2.07E-11	1.0E+06	2.1E-05
40	0.19812	2.87E-06	5.7E-07	1.05E-03	5.95E-10	2.27E-01	1.57E-01	2.12E-11	1.0E+06	2.1E-05
41	0.20344	2.87E-06	5.8E-07	1.05E-03	6.11E-10	2.27E-01	1.57E-01	2.18E-11	1.0E+06	2.2E-05
42	0.20903	2.87E-06	6.0E-07	1.05E-03	6.27E-10	2.27E-01	1.57E-01	2.24E-11	1.0E+06	2.2E-05
43	0.21489	2.87E-06	6.2E-07	1.05E-03	6.45E-10	2.27E-01	1.57E-01	2.30E-11	1.0E+06	2.3E-05
44	0.22106	2.87E-06	6.3E-07	1.05E-03	6.64E-10	2.27E-01	1.57E-01	2.37E-11	1.0E+06	2.4E-05
45	0.22754	2.87E-06	6.5E-07	1.05E-03	6.83E-10	2.27E-01	1.57E-01	2.44E-11	1.0E+06	2.4E-05
46	0.23437	2.87E-06	6.7E-07	1.05E-03	7.03E-10	2.27E-01	1.57E-01	2.51E-11	1.0E+06	2.5E-05
47	0.24158	2.87E-06	6.9E-07	1.05E-03	7.25E-10	2.27E-01	1.57E-01	2.59E-11	1.0E+06	2.6E-05
48	0.24918	2.87E-06	7.2E-07	1.05E-03	7.48E-10	2.27E-01	1.57E-01	2.67E-11	1.0E+06	2.7E-05
49	0.25723	2.87E-06	7.4E-07	1.05E-03	7.72E-10	2.27E-01	1.57E-01	2.76E-11	1.0E+06	2.8E-05
50	0.26574	2.87E-06	7.6E-07	1.05E-03	7.98E-10	2.27E-01	1.57E-01	2.85E-11	1.0E+06	2.9E-05
51	0.27477	2.87E-06	7.9E-07	1.05E-03	8.25E-10	2.27E-01	1.57E-01	2.95E-11	1.0E+06	2.9E-05
52	0.28444	2.87E-06	8.2E-07	1.05E-03	8.54E-10	2.27E-01	1.57E-01	3.05E-11	1.0E+06	3.1E-05
53	0.29483	2.87E-06	8.5E-07	1.05E-03	8.85E-10	2.27E-01	1.57E-01	3.16E-11	1.0E+06	3.2E-05
54	0.30572	2.87E-06	8.8E-07	1.05E-03	9.18E-10	2.27E-01	1.57E-01	3.28E-11	1.0E+06	3.3E-05
55	0.31756	2.87E-06	9.1E-07	1.05E-03	9.53E-10	2.27E-01	1.57E-01	3.41E-11	1.0E+06	3.4E-05
56	0.17781	2.87E-06	5.1E-07	1.05E-03	5.34E-10	2.27E-01	1.57E-01	1.91E-11	1.0E+06	1.9E-05
57	0.18201	2.87E-06	5.2E-07	1.05E-03	5.46E-10	2.27E-01	1.57E-01	1.95E-11	1.0E+06	2.0E-05
58	0.18659	2.87E-06	5.4E-07	1.05E-03	5.60E-10	2.27E-01	1.57E-01	2.00E-11	1.0E+06	2.0E-05
59	0.19138	2.87E-06	5.5E-07	1.05E-03	5.74E-10	2.27E-01	1.57E-01	2.05E-11	1.0E+06	2.1E-05
60	0.19639	2.87E-06	5.6E-07	1.05E-03	5.89E-10	2.27E-01	1.57E-01	2.11E-11	1.0E+06	2.1E-05
61	0.20164	2.87E-06	5.8E-07	1.05E-03	6.05E-10	2.27E-01	1.57E-01	2.16E-11	1.0E+06	2.2E-05

Berkley WTPF

Haul2 Unmitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
62	0.20714	2.87E-06	5.9E-07	1.05E-03	6.22E-10	2.27E-01	1.57E-01	2.22E-11	1.0E+06	2.2E-05
63	0.21292	2.87E-06	6.1E-07	1.05E-03	6.39E-10	2.27E-01	1.57E-01	2.28E-11	1.0E+06	2.3E-05
64	0.21898	2.87E-06	6.3E-07	1.05E-03	6.57E-10	2.27E-01	1.57E-01	2.35E-11	1.0E+06	2.3E-05
65	0.22537	2.87E-06	6.5E-07	1.05E-03	6.76E-10	2.27E-01	1.57E-01	2.42E-11	1.0E+06	2.4E-05
66	0.23209	2.87E-06	6.7E-07	1.05E-03	6.97E-10	2.27E-01	1.57E-01	2.49E-11	1.0E+06	2.5E-05
67	0.23918	2.87E-06	6.9E-07	1.05E-03	7.18E-10	2.27E-01	1.57E-01	2.57E-11	1.0E+06	2.6E-05
68	0.24666	2.87E-06	7.1E-07	1.05E-03	7.40E-10	2.27E-01	1.57E-01	2.65E-11	1.0E+06	2.6E-05
69	0.25457	2.87E-06	7.3E-07	1.05E-03	7.64E-10	2.27E-01	1.57E-01	2.73E-11	1.0E+06	2.7E-05
70	0.26294	2.87E-06	7.6E-07	1.05E-03	7.89E-10	2.27E-01	1.57E-01	2.82E-11	1.0E+06	2.8E-05
71	0.27181	2.87E-06	7.8E-07	1.05E-03	8.16E-10	2.27E-01	1.57E-01	2.92E-11	1.0E+06	2.9E-05
72	0.28124	2.87E-06	8.1E-07	1.05E-03	8.44E-10	2.27E-01	1.57E-01	3.02E-11	1.0E+06	3.0E-05
73	0.29125	2.87E-06	8.4E-07	1.05E-03	8.74E-10	2.27E-01	1.57E-01	3.12E-11	1.0E+06	3.1E-05
74	0.30193	2.87E-06	8.7E-07	1.05E-03	9.06E-10	2.27E-01	1.57E-01	3.24E-11	1.0E+06	3.2E-05
75	0.31353	2.87E-06	9.0E-07	1.05E-03	9.41E-10	2.27E-01	1.57E-01	3.36E-11	1.0E+06	3.4E-05
76	0.17628	2.87E-06	5.1E-07	1.05E-03	5.29E-10	2.27E-01	1.57E-01	1.89E-11	1.0E+06	1.9E-05
77	0.18043	2.87E-06	5.2E-07	1.05E-03	5.42E-10	2.27E-01	1.57E-01	1.94E-11	1.0E+06	1.9E-05
78	0.18495	2.87E-06	5.3E-07	1.05E-03	5.55E-10	2.27E-01	1.57E-01	1.98E-11	1.0E+06	2.0E-05
79	0.18968	2.87E-06	5.4E-07	1.05E-03	5.69E-10	2.27E-01	1.57E-01	2.03E-11	1.0E+06	2.0E-05
80	0.19462	2.87E-06	5.6E-07	1.05E-03	5.84E-10	2.27E-01	1.57E-01	2.09E-11	1.0E+06	2.1E-05
81	0.1998	2.87E-06	5.7E-07	1.05E-03	6.00E-10	2.27E-01	1.57E-01	2.14E-11	1.0E+06	2.1E-05
82	0.20523	2.87E-06	5.9E-07	1.05E-03	6.16E-10	2.27E-01	1.57E-01	2.20E-11	1.0E+06	2.2E-05
83	0.21092	2.87E-06	6.1E-07	1.05E-03	6.33E-10	2.27E-01	1.57E-01	2.26E-11	1.0E+06	2.3E-05
84	0.2169	2.87E-06	6.2E-07	1.05E-03	6.51E-10	2.27E-01	1.57E-01	2.33E-11	1.0E+06	2.3E-05
85	0.22319	2.87E-06	6.4E-07	1.05E-03	6.70E-10	2.27E-01	1.57E-01	2.39E-11	1.0E+06	2.4E-05
86	0.22982	2.87E-06	6.6E-07	1.05E-03	6.90E-10	2.27E-01	1.57E-01	2.46E-11	1.0E+06	2.5E-05
87	0.2368	2.87E-06	6.8E-07	1.05E-03	7.11E-10	2.27E-01	1.57E-01	2.54E-11	1.0E+06	2.5E-05
88	0.24417	2.87E-06	7.0E-07	1.05E-03	7.33E-10	2.27E-01	1.57E-01	2.62E-11	1.0E+06	2.6E-05
89	0.25196	2.87E-06	7.2E-07	1.05E-03	7.56E-10	2.27E-01	1.57E-01	2.70E-11	1.0E+06	2.7E-05
90	0.2602	2.87E-06	7.5E-07	1.05E-03	7.81E-10	2.27E-01	1.57E-01	2.79E-11	1.0E+06	2.8E-05
91	0.26894	2.87E-06	7.7E-07	1.05E-03	8.07E-10	2.27E-01	1.57E-01	2.88E-11	1.0E+06	2.9E-05
92	0.27821	2.87E-06	8.0E-07	1.05E-03	8.35E-10	2.27E-01	1.57E-01	2.98E-11	1.0E+06	3.0E-05

Berkley WTPF

Haul2 Unmitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
93	0.28807	2.87E-06	8.3E-07	1.05E-03	8.65E-10	2.27E-01	1.57E-01	3.09E-11	1.0E+06	3.1E-05
94	0.29857	2.87E-06	8.6E-07	1.05E-03	8.96E-10	2.27E-01	1.57E-01	3.20E-11	1.0E+06	3.2E-05
95	0.30978	2.87E-06	8.9E-07	1.05E-03	9.30E-10	2.27E-01	1.57E-01	3.32E-11	1.0E+06	3.3E-05
96	0.32175	2.87E-06	9.2E-07	1.05E-03	9.66E-10	2.27E-01	1.57E-01	3.45E-11	1.0E+06	3.5E-05
97	0.33456	2.87E-06	9.6E-07	1.05E-03	1.00E-09	2.27E-01	1.57E-01	3.59E-11	1.0E+06	3.6E-05
98	0.17467	2.87E-06	5.0E-07	1.05E-03	5.24E-10	2.27E-01	1.57E-01	1.87E-11	1.0E+06	1.9E-05
99	0.17877	2.87E-06	5.1E-07	1.05E-03	5.37E-10	2.27E-01	1.57E-01	1.92E-11	1.0E+06	1.9E-05
100	0.18324	2.87E-06	5.3E-07	1.05E-03	5.50E-10	2.27E-01	1.57E-01	1.97E-11	1.0E+06	2.0E-05
101	0.18791	2.87E-06	5.4E-07	1.05E-03	5.64E-10	2.27E-01	1.57E-01	2.02E-11	1.0E+06	2.0E-05
102	0.19279	2.87E-06	5.5E-07	1.05E-03	5.79E-10	2.27E-01	1.57E-01	2.07E-11	1.0E+06	2.1E-05
103	0.1979	2.87E-06	5.7E-07	1.05E-03	5.94E-10	2.27E-01	1.57E-01	2.12E-11	1.0E+06	2.1E-05
104	0.20326	2.87E-06	5.8E-07	1.05E-03	6.10E-10	2.27E-01	1.57E-01	2.18E-11	1.0E+06	2.2E-05
105	0.20888	2.87E-06	6.0E-07	1.05E-03	6.27E-10	2.27E-01	1.57E-01	2.24E-11	1.0E+06	2.2E-05
106	0.21479	2.87E-06	6.2E-07	1.05E-03	6.45E-10	2.27E-01	1.57E-01	2.30E-11	1.0E+06	2.3E-05
107	0.22099	2.87E-06	6.3E-07	1.05E-03	6.63E-10	2.27E-01	1.57E-01	2.37E-11	1.0E+06	2.4E-05
108	0.22753	2.87E-06	6.5E-07	1.05E-03	6.83E-10	2.27E-01	1.57E-01	2.44E-11	1.0E+06	2.4E-05
109	0.23442	2.87E-06	6.7E-07	1.05E-03	7.04E-10	2.27E-01	1.57E-01	2.51E-11	1.0E+06	2.5E-05
110	0.24169	2.87E-06	6.9E-07	1.05E-03	7.25E-10	2.27E-01	1.57E-01	2.59E-11	1.0E+06	2.6E-05
111	0.24937	2.87E-06	7.2E-07	1.05E-03	7.48E-10	2.27E-01	1.57E-01	2.67E-11	1.0E+06	2.7E-05
112	0.2575	2.87E-06	7.4E-07	1.05E-03	7.73E-10	2.27E-01	1.57E-01	2.76E-11	1.0E+06	2.8E-05
113	0.26611	2.87E-06	7.6E-07	1.05E-03	7.99E-10	2.27E-01	1.57E-01	2.85E-11	1.0E+06	2.9E-05
114	0.27526	2.87E-06	7.9E-07	1.05E-03	8.26E-10	2.27E-01	1.57E-01	2.95E-11	1.0E+06	3.0E-05
115	0.28498	2.87E-06	8.2E-07	1.05E-03	8.55E-10	2.27E-01	1.57E-01	3.06E-11	1.0E+06	3.1E-05
116	0.29533	2.87E-06	8.5E-07	1.05E-03	8.86E-10	2.27E-01	1.57E-01	3.17E-11	1.0E+06	3.2E-05
117	0.30636	2.87E-06	8.8E-07	1.05E-03	9.20E-10	2.27E-01	1.57E-01	3.29E-11	1.0E+06	3.3E-05
118	0.31815	2.87E-06	9.1E-07	1.05E-03	9.55E-10	2.27E-01	1.57E-01	3.41E-11	1.0E+06	3.4E-05
119	0.33075	2.87E-06	9.5E-07	1.05E-03	9.93E-10	2.27E-01	1.57E-01	3.55E-11	1.0E+06	3.5E-05
120	0.34456	2.87E-06	9.9E-07	1.05E-03	1.03E-09	2.27E-01	1.57E-01	3.70E-11	1.0E+06	3.7E-05
121	0.16909	2.87E-06	4.9E-07	1.05E-03	5.08E-10	2.27E-01	1.57E-01	1.81E-11	1.0E+06	1.8E-05
122	0.17295	2.87E-06	5.0E-07	1.05E-03	5.19E-10	2.27E-01	1.57E-01	1.85E-11	1.0E+06	1.9E-05
123	0.17701	2.87E-06	5.1E-07	1.05E-03	5.31E-10	2.27E-01	1.57E-01	1.90E-11	1.0E+06	1.9E-05

Berkley WTPF

Haul2 Unmitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
124	0.18143	2.87E-06	5.2E-07	1.05E-03	5.45E-10	2.27E-01	1.57E-01	1.95E-11	1.0E+06	1.9E-05
125	0.18604	2.87E-06	5.3E-07	1.05E-03	5.58E-10	2.27E-01	1.57E-01	2.00E-11	1.0E+06	2.0E-05
126	0.19087	2.87E-06	5.5E-07	1.05E-03	5.73E-10	2.27E-01	1.57E-01	2.05E-11	1.0E+06	2.0E-05
127	0.19592	2.87E-06	5.6E-07	1.05E-03	5.88E-10	2.27E-01	1.57E-01	2.10E-11	1.0E+06	2.1E-05
128	0.20121	2.87E-06	5.8E-07	1.05E-03	6.04E-10	2.27E-01	1.57E-01	2.16E-11	1.0E+06	2.2E-05
129	0.20677	2.87E-06	5.9E-07	1.05E-03	6.21E-10	2.27E-01	1.57E-01	2.22E-11	1.0E+06	2.2E-05
130	0.2126	2.87E-06	6.1E-07	1.05E-03	6.38E-10	2.27E-01	1.57E-01	2.28E-11	1.0E+06	2.3E-05
131	0.21873	2.87E-06	6.3E-07	1.05E-03	6.57E-10	2.27E-01	1.57E-01	2.35E-11	1.0E+06	2.3E-05
132	0.22519	2.87E-06	6.5E-07	1.05E-03	6.76E-10	2.27E-01	1.57E-01	2.42E-11	1.0E+06	2.4E-05
133	0.232	2.87E-06	6.7E-07	1.05E-03	6.96E-10	2.27E-01	1.57E-01	2.49E-11	1.0E+06	2.5E-05
134	0.23918	2.87E-06	6.9E-07	1.05E-03	7.18E-10	2.27E-01	1.57E-01	2.57E-11	1.0E+06	2.6E-05
135	0.24677	2.87E-06	7.1E-07	1.05E-03	7.41E-10	2.27E-01	1.57E-01	2.65E-11	1.0E+06	2.6E-05
136	0.2548	2.87E-06	7.3E-07	1.05E-03	7.65E-10	2.27E-01	1.57E-01	2.73E-11	1.0E+06	2.7E-05
137	0.26331	2.87E-06	7.6E-07	1.05E-03	7.90E-10	2.27E-01	1.57E-01	2.82E-11	1.0E+06	2.8E-05
138	0.27234	2.87E-06	7.8E-07	1.05E-03	8.17E-10	2.27E-01	1.57E-01	2.92E-11	1.0E+06	2.9E-05
139	0.28193	2.87E-06	8.1E-07	1.05E-03	8.46E-10	2.27E-01	1.57E-01	3.02E-11	1.0E+06	3.0E-05
140	0.29214	2.87E-06	8.4E-07	1.05E-03	8.77E-10	2.27E-01	1.57E-01	3.13E-11	1.0E+06	3.1E-05
141	0.30302	2.87E-06	8.7E-07	1.05E-03	9.10E-10	2.27E-01	1.57E-01	3.25E-11	1.0E+06	3.3E-05
142	0.31464	2.87E-06	9.0E-07	1.05E-03	9.44E-10	2.27E-01	1.57E-01	3.37E-11	1.0E+06	3.4E-05
143	0.32706	2.87E-06	9.4E-07	1.05E-03	9.82E-10	2.27E-01	1.57E-01	3.51E-11	1.0E+06	3.5E-05
144	0.34089	2.87E-06	9.8E-07	1.05E-03	1.02E-09	2.27E-01	1.57E-01	3.66E-11	1.0E+06	3.7E-05
145	0.16731	2.87E-06	4.8E-07	1.05E-03	5.02E-10	2.27E-01	1.57E-01	1.79E-11	1.0E+06	1.8E-05
146	0.17112	2.87E-06	4.9E-07	1.05E-03	5.14E-10	2.27E-01	1.57E-01	1.84E-11	1.0E+06	1.8E-05
147	0.17513	2.87E-06	5.0E-07	1.05E-03	5.26E-10	2.27E-01	1.57E-01	1.88E-11	1.0E+06	1.9E-05
148	0.1795	2.87E-06	5.2E-07	1.05E-03	5.39E-10	2.27E-01	1.57E-01	1.93E-11	1.0E+06	1.9E-05
149	0.18406	2.87E-06	5.3E-07	1.05E-03	5.52E-10	2.27E-01	1.57E-01	1.97E-11	1.0E+06	2.0E-05
150	0.18883	2.87E-06	5.4E-07	1.05E-03	5.67E-10	2.27E-01	1.57E-01	2.03E-11	1.0E+06	2.0E-05
151	0.19383	2.87E-06	5.6E-07	1.05E-03	5.82E-10	2.27E-01	1.57E-01	2.08E-11	1.0E+06	2.1E-05
152	0.19906	2.87E-06	5.7E-07	1.05E-03	5.97E-10	2.27E-01	1.57E-01	2.14E-11	1.0E+06	2.1E-05
153	0.20456	2.87E-06	5.9E-07	1.05E-03	6.14E-10	2.27E-01	1.57E-01	2.19E-11	1.0E+06	2.2E-05
154	0.21032	2.87E-06	6.0E-07	1.05E-03	6.31E-10	2.27E-01	1.57E-01	2.26E-11	1.0E+06	2.3E-05

Berkley WTPF

Haul2 Unmitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
155	0.21639	2.87E-06	6.2E-07	1.05E-03	6.50E-10	2.27E-01	1.57E-01	2.32E-11	1.0E+06	2.3E-05
156	0.22278	2.87E-06	6.4E-07	1.05E-03	6.69E-10	2.27E-01	1.57E-01	2.39E-11	1.0E+06	2.4E-05
157	0.22951	2.87E-06	6.6E-07	1.05E-03	6.89E-10	2.27E-01	1.57E-01	2.46E-11	1.0E+06	2.5E-05
158	0.23661	2.87E-06	6.8E-07	1.05E-03	7.10E-10	2.27E-01	1.57E-01	2.54E-11	1.0E+06	2.5E-05
159	0.24412	2.87E-06	7.0E-07	1.05E-03	7.33E-10	2.27E-01	1.57E-01	2.62E-11	1.0E+06	2.6E-05
160	0.25206	2.87E-06	7.2E-07	1.05E-03	7.57E-10	2.27E-01	1.57E-01	2.70E-11	1.0E+06	2.7E-05
161	0.26048	2.87E-06	7.5E-07	1.05E-03	7.82E-10	2.27E-01	1.57E-01	2.79E-11	1.0E+06	2.8E-05
162	0.2694	2.87E-06	7.7E-07	1.05E-03	8.09E-10	2.27E-01	1.57E-01	2.89E-11	1.0E+06	2.9E-05
163	0.27888	2.87E-06	8.0E-07	1.05E-03	8.37E-10	2.27E-01	1.57E-01	2.99E-11	1.0E+06	3.0E-05
164	0.28897	2.87E-06	8.3E-07	1.05E-03	8.67E-10	2.27E-01	1.57E-01	3.10E-11	1.0E+06	3.1E-05
165	0.29971	2.87E-06	8.6E-07	1.05E-03	9.00E-10	2.27E-01	1.57E-01	3.21E-11	1.0E+06	3.2E-05
166	0.31116	2.87E-06	8.9E-07	1.05E-03	9.34E-10	2.27E-01	1.57E-01	3.34E-11	1.0E+06	3.3E-05
167	0.32348	2.87E-06	9.3E-07	1.05E-03	9.71E-10	2.27E-01	1.57E-01	3.47E-11	1.0E+06	3.5E-05
168	0.1654	2.87E-06	4.7E-07	1.05E-03	4.96E-10	2.27E-01	1.57E-01	1.77E-11	1.0E+06	1.8E-05
169	0.16917	2.87E-06	4.9E-07	1.05E-03	5.08E-10	2.27E-01	1.57E-01	1.81E-11	1.0E+06	1.8E-05
170	0.17313	2.87E-06	5.0E-07	1.05E-03	5.20E-10	2.27E-01	1.57E-01	1.86E-11	1.0E+06	1.9E-05
171	0.17745	2.87E-06	5.1E-07	1.05E-03	5.33E-10	2.27E-01	1.57E-01	1.90E-11	1.0E+06	1.9E-05
172	0.18196	2.87E-06	5.2E-07	1.05E-03	5.46E-10	2.27E-01	1.57E-01	1.95E-11	1.0E+06	2.0E-05
173	0.18668	2.87E-06	5.4E-07	1.05E-03	5.60E-10	2.27E-01	1.57E-01	2.00E-11	1.0E+06	2.0E-05
174	0.19162	2.87E-06	5.5E-07	1.05E-03	5.75E-10	2.27E-01	1.57E-01	2.06E-11	1.0E+06	2.1E-05
175	0.1968	2.87E-06	5.7E-07	1.05E-03	5.91E-10	2.27E-01	1.57E-01	2.11E-11	1.0E+06	2.1E-05
176	0.20223	2.87E-06	5.8E-07	1.05E-03	6.07E-10	2.27E-01	1.57E-01	2.17E-11	1.0E+06	2.2E-05
177	0.20794	2.87E-06	6.0E-07	1.05E-03	6.24E-10	2.27E-01	1.57E-01	2.23E-11	1.0E+06	2.2E-05
178	0.21395	2.87E-06	6.1E-07	1.05E-03	6.42E-10	2.27E-01	1.57E-01	2.29E-11	1.0E+06	2.3E-05
179	0.22027	2.87E-06	6.3E-07	1.05E-03	6.61E-10	2.27E-01	1.57E-01	2.36E-11	1.0E+06	2.4E-05
180	0.22693	2.87E-06	6.5E-07	1.05E-03	6.81E-10	2.27E-01	1.57E-01	2.43E-11	1.0E+06	2.4E-05
181	0.23397	2.87E-06	6.7E-07	1.05E-03	7.02E-10	2.27E-01	1.57E-01	2.51E-11	1.0E+06	2.5E-05
182	0.2414	2.87E-06	6.9E-07	1.05E-03	7.25E-10	2.27E-01	1.57E-01	2.59E-11	1.0E+06	2.6E-05
183	0.24925	2.87E-06	7.2E-07	1.05E-03	7.48E-10	2.27E-01	1.57E-01	2.67E-11	1.0E+06	2.7E-05
184	0.25758	2.87E-06	7.4E-07	1.05E-03	7.73E-10	2.27E-01	1.57E-01	2.76E-11	1.0E+06	2.8E-05
185	0.26641	2.87E-06	7.7E-07	1.05E-03	8.00E-10	2.27E-01	1.57E-01	2.86E-11	1.0E+06	2.9E-05

Berkley WTPF

Haul2 Unmitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
186	0.27578	2.87E-06	7.9E-07	1.05E-03	8.28E-10	2.27E-01	1.57E-01	2.96E-11	1.0E+06	3.0E-05
187	0.28574	2.87E-06	8.2E-07	1.05E-03	8.58E-10	2.27E-01	1.57E-01	3.06E-11	1.0E+06	3.1E-05
188	0.29634	2.87E-06	8.5E-07	1.05E-03	8.89E-10	2.27E-01	1.57E-01	3.18E-11	1.0E+06	3.2E-05
189	0.30764	2.87E-06	8.8E-07	1.05E-03	9.23E-10	2.27E-01	1.57E-01	3.30E-11	1.0E+06	3.3E-05
190	0.32066	2.87E-06	9.2E-07	1.05E-03	9.62E-10	2.27E-01	1.57E-01	3.44E-11	1.0E+06	3.4E-05
191	0.16328	2.87E-06	4.7E-07	1.05E-03	4.90E-10	2.27E-01	1.57E-01	1.75E-11	1.0E+06	1.8E-05
192	0.16705	2.87E-06	4.8E-07	1.05E-03	5.01E-10	2.27E-01	1.57E-01	1.79E-11	1.0E+06	1.8E-05
193	0.17103	2.87E-06	4.9E-07	1.05E-03	5.13E-10	2.27E-01	1.57E-01	1.83E-11	1.0E+06	1.8E-05
194	0.17529	2.87E-06	5.0E-07	1.05E-03	5.26E-10	2.27E-01	1.57E-01	1.88E-11	1.0E+06	1.9E-05
195	0.17975	2.87E-06	5.2E-07	1.05E-03	5.40E-10	2.27E-01	1.57E-01	1.93E-11	1.0E+06	1.9E-05
196	0.18442	2.87E-06	5.3E-07	1.05E-03	5.54E-10	2.27E-01	1.57E-01	1.98E-11	1.0E+06	2.0E-05
197	0.1893	2.87E-06	5.4E-07	1.05E-03	5.68E-10	2.27E-01	1.57E-01	2.03E-11	1.0E+06	2.0E-05
198	0.19443	2.87E-06	5.6E-07	1.05E-03	5.84E-10	2.27E-01	1.57E-01	2.09E-11	1.0E+06	2.1E-05
199	0.19981	2.87E-06	5.7E-07	1.05E-03	6.00E-10	2.27E-01	1.57E-01	2.14E-11	1.0E+06	2.1E-05
200	0.20546	2.87E-06	5.9E-07	1.05E-03	6.17E-10	2.27E-01	1.57E-01	2.20E-11	1.0E+06	2.2E-05
201	0.23122	2.87E-06	6.6E-07	1.05E-03	6.94E-10	2.27E-01	1.57E-01	2.48E-11	1.0E+06	2.5E-05
202	0.23857	2.87E-06	6.9E-07	1.05E-03	7.16E-10	2.27E-01	1.57E-01	2.56E-11	1.0E+06	2.6E-05
203	0.24635	2.87E-06	7.1E-07	1.05E-03	7.39E-10	2.27E-01	1.57E-01	2.64E-11	1.0E+06	2.6E-05
204	0.25459	2.87E-06	7.3E-07	1.05E-03	7.64E-10	2.27E-01	1.57E-01	2.73E-11	1.0E+06	2.7E-05
205	0.26331	2.87E-06	7.6E-07	1.05E-03	7.90E-10	2.27E-01	1.57E-01	2.82E-11	1.0E+06	2.8E-05
206	0.27257	2.87E-06	7.8E-07	1.05E-03	8.18E-10	2.27E-01	1.57E-01	2.92E-11	1.0E+06	2.9E-05
207	0.28241	2.87E-06	8.1E-07	1.05E-03	8.48E-10	2.27E-01	1.57E-01	3.03E-11	1.0E+06	3.0E-05
208	0.29287	2.87E-06	8.4E-07	1.05E-03	8.79E-10	2.27E-01	1.57E-01	3.14E-11	1.0E+06	3.1E-05
209	0.30401	2.87E-06	8.7E-07	1.05E-03	9.12E-10	2.27E-01	1.57E-01	3.26E-11	1.0E+06	3.3E-05
210	0.31707	2.87E-06	9.1E-07	1.05E-03	9.52E-10	2.27E-01	1.57E-01	3.40E-11	1.0E+06	3.4E-05
211	0.16096	2.87E-06	4.6E-07	1.05E-03	4.83E-10	2.27E-01	1.57E-01	1.73E-11	1.0E+06	1.7E-05
212	0.1648	2.87E-06	4.7E-07	1.05E-03	4.95E-10	2.27E-01	1.57E-01	1.77E-11	1.0E+06	1.8E-05
213	0.16884	2.87E-06	4.8E-07	1.05E-03	5.07E-10	2.27E-01	1.57E-01	1.81E-11	1.0E+06	1.8E-05
214	0.17305	2.87E-06	5.0E-07	1.05E-03	5.19E-10	2.27E-01	1.57E-01	1.86E-11	1.0E+06	1.9E-05
215	0.17745	2.87E-06	5.1E-07	1.05E-03	5.33E-10	2.27E-01	1.57E-01	1.90E-11	1.0E+06	1.9E-05
216	0.18207	2.87E-06	5.2E-07	1.05E-03	5.46E-10	2.27E-01	1.57E-01	1.95E-11	1.0E+06	2.0E-05

Berkley WTPF

Haul2 Unmitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
217	0.1869	2.87E-06	5.4E-07	1.05E-03	5.61E-10	2.27E-01	1.57E-01	2.00E-11	1.0E+06	2.0E-05
218	0.19197	2.87E-06	5.5E-07	1.05E-03	5.76E-10	2.27E-01	1.57E-01	2.06E-11	1.0E+06	2.1E-05
219	0.19729	2.87E-06	5.7E-07	1.05E-03	5.92E-10	2.27E-01	1.57E-01	2.12E-11	1.0E+06	2.1E-05
220	0.24334	2.87E-06	7.0E-07	1.05E-03	7.30E-10	2.27E-01	1.57E-01	2.61E-11	1.0E+06	2.6E-05
221	0.25148	2.87E-06	7.2E-07	1.05E-03	7.55E-10	2.27E-01	1.57E-01	2.70E-11	1.0E+06	2.7E-05
222	0.2601	2.87E-06	7.5E-07	1.05E-03	7.81E-10	2.27E-01	1.57E-01	2.79E-11	1.0E+06	2.8E-05
223	0.26924	2.87E-06	7.7E-07	1.05E-03	8.08E-10	2.27E-01	1.57E-01	2.89E-11	1.0E+06	2.9E-05
224	0.27894	2.87E-06	8.0E-07	1.05E-03	8.37E-10	2.27E-01	1.57E-01	2.99E-11	1.0E+06	3.0E-05
225	0.28926	2.87E-06	8.3E-07	1.05E-03	8.68E-10	2.27E-01	1.57E-01	3.10E-11	1.0E+06	3.1E-05
226	0.30027	2.87E-06	8.6E-07	1.05E-03	9.01E-10	2.27E-01	1.57E-01	3.22E-11	1.0E+06	3.2E-05
227	0.15522	2.87E-06	4.5E-07	1.05E-03	4.66E-10	2.27E-01	1.57E-01	1.66E-11	1.0E+06	1.7E-05
228	0.15879	2.87E-06	4.6E-07	1.05E-03	4.77E-10	2.27E-01	1.57E-01	1.70E-11	1.0E+06	1.7E-05
229	0.1626	2.87E-06	4.7E-07	1.05E-03	4.88E-10	2.27E-01	1.57E-01	1.74E-11	1.0E+06	1.7E-05
230	0.16658	2.87E-06	4.8E-07	1.05E-03	5.00E-10	2.27E-01	1.57E-01	1.79E-11	1.0E+06	1.8E-05
231	0.17074	2.87E-06	4.9E-07	1.05E-03	5.12E-10	2.27E-01	1.57E-01	1.83E-11	1.0E+06	1.8E-05
232	0.1751	2.87E-06	5.0E-07	1.05E-03	5.26E-10	2.27E-01	1.57E-01	1.88E-11	1.0E+06	1.9E-05
233	0.17965	2.87E-06	5.2E-07	1.05E-03	5.39E-10	2.27E-01	1.57E-01	1.93E-11	1.0E+06	1.9E-05
234	0.18443	2.87E-06	5.3E-07	1.05E-03	5.54E-10	2.27E-01	1.57E-01	1.98E-11	1.0E+06	2.0E-05
235	0.18944	2.87E-06	5.4E-07	1.05E-03	5.69E-10	2.27E-01	1.57E-01	2.03E-11	1.0E+06	2.0E-05
236	0.1947	2.87E-06	5.6E-07	1.05E-03	5.84E-10	2.27E-01	1.57E-01	2.09E-11	1.0E+06	2.1E-05
237	0.23263	2.87E-06	6.7E-07	1.05E-03	6.98E-10	2.27E-01	1.57E-01	2.50E-11	1.0E+06	2.5E-05
238	0.24023	2.87E-06	6.9E-07	1.05E-03	7.21E-10	2.27E-01	1.57E-01	2.58E-11	1.0E+06	2.6E-05
239	0.24827	2.87E-06	7.1E-07	1.05E-03	7.45E-10	2.27E-01	1.57E-01	2.66E-11	1.0E+06	2.7E-05
240	0.25677	2.87E-06	7.4E-07	1.05E-03	7.71E-10	2.27E-01	1.57E-01	2.75E-11	1.0E+06	2.8E-05
241	0.26578	2.87E-06	7.6E-07	1.05E-03	7.98E-10	2.27E-01	1.57E-01	2.85E-11	1.0E+06	2.9E-05
242	0.27533	2.87E-06	7.9E-07	1.05E-03	8.26E-10	2.27E-01	1.57E-01	2.95E-11	1.0E+06	3.0E-05
243	0.28568	2.87E-06	8.2E-07	1.05E-03	8.57E-10	2.27E-01	1.57E-01	3.06E-11	1.0E+06	3.1E-05
244	0.29692	2.87E-06	8.5E-07	1.05E-03	8.91E-10	2.27E-01	1.57E-01	3.18E-11	1.0E+06	3.2E-05
245	0.16038	2.87E-06	4.6E-07	1.05E-03	4.81E-10	2.27E-01	1.57E-01	1.72E-11	1.0E+06	1.7E-05
246	0.16431	2.87E-06	4.7E-07	1.05E-03	4.93E-10	2.27E-01	1.57E-01	1.76E-11	1.0E+06	1.8E-05
247	0.16842	2.87E-06	4.8E-07	1.05E-03	5.06E-10	2.27E-01	1.57E-01	1.81E-11	1.0E+06	1.8E-05

Berkley WTPF

Haul2 Unmitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
248	0.17272	2.87E-06	5.0E-07	1.05E-03	5.18E-10	2.27E-01	1.57E-01	1.85E-11	1.0E+06	1.9E-05
249	0.17722	2.87E-06	5.1E-07	1.05E-03	5.32E-10	2.27E-01	1.57E-01	1.90E-11	1.0E+06	1.9E-05
250	0.18194	2.87E-06	5.2E-07	1.05E-03	5.46E-10	2.27E-01	1.57E-01	1.95E-11	1.0E+06	2.0E-05
251	0.1869	2.87E-06	5.4E-07	1.05E-03	5.61E-10	2.27E-01	1.57E-01	2.00E-11	1.0E+06	2.0E-05
252	0.1921	2.87E-06	5.5E-07	1.05E-03	5.77E-10	2.27E-01	1.57E-01	2.06E-11	1.0E+06	2.1E-05
253	0.22956	2.87E-06	6.6E-07	1.05E-03	6.89E-10	2.27E-01	1.57E-01	2.46E-11	1.0E+06	2.5E-05
254	0.23705	2.87E-06	6.8E-07	1.05E-03	7.12E-10	2.27E-01	1.57E-01	2.54E-11	1.0E+06	2.5E-05
255	0.24497	2.87E-06	7.0E-07	1.05E-03	7.35E-10	2.27E-01	1.57E-01	2.63E-11	1.0E+06	2.6E-05
256	0.25334	2.87E-06	7.3E-07	1.05E-03	7.60E-10	2.27E-01	1.57E-01	2.72E-11	1.0E+06	2.7E-05
257	0.2622	2.87E-06	7.5E-07	1.05E-03	7.87E-10	2.27E-01	1.57E-01	2.81E-11	1.0E+06	2.8E-05
258	0.27158	2.87E-06	7.8E-07	1.05E-03	8.15E-10	2.27E-01	1.57E-01	2.91E-11	1.0E+06	2.9E-05
259	0.28192	2.87E-06	8.1E-07	1.05E-03	8.46E-10	2.27E-01	1.57E-01	3.02E-11	1.0E+06	3.0E-05
260	0.17947	2.87E-06	5.2E-07	1.05E-03	5.39E-10	2.27E-01	1.57E-01	1.92E-11	1.0E+06	1.9E-05
261	0.18437	2.87E-06	5.3E-07	1.05E-03	5.53E-10	2.27E-01	1.57E-01	1.98E-11	1.0E+06	2.0E-05
262	0.21948	2.87E-06	6.3E-07	1.05E-03	6.59E-10	2.27E-01	1.57E-01	2.35E-11	1.0E+06	2.4E-05
263	0.22647	2.87E-06	6.5E-07	1.05E-03	6.80E-10	2.27E-01	1.57E-01	2.43E-11	1.0E+06	2.4E-05
264	0.23385	2.87E-06	6.7E-07	1.05E-03	7.02E-10	2.27E-01	1.57E-01	2.51E-11	1.0E+06	2.5E-05
265	0.24163	2.87E-06	6.9E-07	1.05E-03	7.25E-10	2.27E-01	1.57E-01	2.59E-11	1.0E+06	2.6E-05
266	0.24985	2.87E-06	7.2E-07	1.05E-03	7.50E-10	2.27E-01	1.57E-01	2.68E-11	1.0E+06	2.7E-05
267	0.25854	2.87E-06	7.4E-07	1.05E-03	7.76E-10	2.27E-01	1.57E-01	2.77E-11	1.0E+06	2.8E-05
268	0.26777	2.87E-06	7.7E-07	1.05E-03	8.04E-10	2.27E-01	1.57E-01	2.87E-11	1.0E+06	2.9E-05
269	0.27804	2.87E-06	8.0E-07	1.05E-03	8.35E-10	2.27E-01	1.57E-01	2.98E-11	1.0E+06	3.0E-05
270	0.21653	2.87E-06	6.2E-07	1.05E-03	6.50E-10	2.27E-01	1.57E-01	2.32E-11	1.0E+06	2.3E-05
271	0.2234	2.87E-06	6.4E-07	1.05E-03	6.71E-10	2.27E-01	1.57E-01	2.40E-11	1.0E+06	2.4E-05
272	0.23065	2.87E-06	6.6E-07	1.05E-03	6.92E-10	2.27E-01	1.57E-01	2.47E-11	1.0E+06	2.5E-05
273	0.23829	2.87E-06	6.8E-07	1.05E-03	7.15E-10	2.27E-01	1.57E-01	2.56E-11	1.0E+06	2.6E-05
274	0.24635	2.87E-06	7.1E-07	1.05E-03	7.39E-10	2.27E-01	1.57E-01	2.64E-11	1.0E+06	2.6E-05
275	0.25486	2.87E-06	7.3E-07	1.05E-03	7.65E-10	2.27E-01	1.57E-01	2.73E-11	1.0E+06	2.7E-05
276	0.26426	2.87E-06	7.6E-07	1.05E-03	7.93E-10	2.27E-01	1.57E-01	2.83E-11	1.0E+06	2.8E-05
277	0.1374	2.87E-06	3.9E-07	1.05E-03	4.12E-10	2.27E-01	1.57E-01	1.47E-11	1.0E+06	1.5E-05
278	0.14033	2.87E-06	4.0E-07	1.05E-03	4.21E-10	2.27E-01	1.57E-01	1.51E-11	1.0E+06	1.5E-05

Berkley WTPF

Haul2 Unmitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
279	0.14351	2.87E-06	4.1E-07	1.05E-03	4.31E-10	2.27E-01	1.57E-01	1.54E-11	1.0E+06	1.5E-05
280	0.14684	2.87E-06	4.2E-07	1.05E-03	4.41E-10	2.27E-01	1.57E-01	1.57E-11	1.0E+06	1.6E-05
281	0.15031	2.87E-06	4.3E-07	1.05E-03	4.51E-10	2.27E-01	1.57E-01	1.61E-11	1.0E+06	1.6E-05
282	0.20723	2.87E-06	6.0E-07	1.05E-03	6.22E-10	2.27E-01	1.57E-01	2.22E-11	1.0E+06	2.2E-05
283	0.21365	2.87E-06	6.1E-07	1.05E-03	6.41E-10	2.27E-01	1.57E-01	2.29E-11	1.0E+06	2.3E-05
284	0.2204	2.87E-06	6.3E-07	1.05E-03	6.62E-10	2.27E-01	1.57E-01	2.36E-11	1.0E+06	2.4E-05
285	0.22751	2.87E-06	6.5E-07	1.05E-03	6.83E-10	2.27E-01	1.57E-01	2.44E-11	1.0E+06	2.4E-05
286	0.235	2.87E-06	6.7E-07	1.05E-03	7.05E-10	2.27E-01	1.57E-01	2.52E-11	1.0E+06	2.5E-05
287	0.24289	2.87E-06	7.0E-07	1.05E-03	7.29E-10	2.27E-01	1.57E-01	2.61E-11	1.0E+06	2.6E-05
288	0.25121	2.87E-06	7.2E-07	1.05E-03	7.54E-10	2.27E-01	1.57E-01	2.69E-11	1.0E+06	2.7E-05
289	0.26067	2.87E-06	7.5E-07	1.05E-03	7.82E-10	2.27E-01	1.57E-01	2.80E-11	1.0E+06	2.8E-05
290	0.13268	2.87E-06	3.8E-07	1.05E-03	3.98E-10	2.27E-01	1.57E-01	1.42E-11	1.0E+06	1.4E-05
291	0.13547	2.87E-06	3.9E-07	1.05E-03	4.07E-10	2.27E-01	1.57E-01	1.45E-11	1.0E+06	1.5E-05
292	0.13849	2.87E-06	4.0E-07	1.05E-03	4.16E-10	2.27E-01	1.57E-01	1.49E-11	1.0E+06	1.5E-05
293	0.14165	2.87E-06	4.1E-07	1.05E-03	4.25E-10	2.27E-01	1.57E-01	1.52E-11	1.0E+06	1.5E-05
294	0.14494	2.87E-06	4.2E-07	1.05E-03	4.35E-10	2.27E-01	1.57E-01	1.55E-11	1.0E+06	1.6E-05
295	0.14837	2.87E-06	4.3E-07	1.05E-03	4.45E-10	2.27E-01	1.57E-01	1.59E-11	1.0E+06	1.6E-05
296	0.15196	2.87E-06	4.4E-07	1.05E-03	4.56E-10	2.27E-01	1.57E-01	1.63E-11	1.0E+06	1.6E-05
297	0.15571	2.87E-06	4.5E-07	1.05E-03	4.67E-10	2.27E-01	1.57E-01	1.67E-11	1.0E+06	1.7E-05
298	0.15964	2.87E-06	4.6E-07	1.05E-03	4.79E-10	2.27E-01	1.57E-01	1.71E-11	1.0E+06	1.7E-05
299	0.16374	2.87E-06	4.7E-07	1.05E-03	4.91E-10	2.27E-01	1.57E-01	1.76E-11	1.0E+06	1.8E-05
300	0.16804	2.87E-06	4.8E-07	1.05E-03	5.04E-10	2.27E-01	1.57E-01	1.80E-11	1.0E+06	1.8E-05
301	0.20455	2.87E-06	5.9E-07	1.05E-03	6.14E-10	2.27E-01	1.57E-01	2.19E-11	1.0E+06	2.2E-05
302	0.21086	2.87E-06	6.1E-07	1.05E-03	6.33E-10	2.27E-01	1.57E-01	2.26E-11	1.0E+06	2.3E-05
303	0.21748	2.87E-06	6.2E-07	1.05E-03	6.53E-10	2.27E-01	1.57E-01	2.33E-11	1.0E+06	2.3E-05
304	0.22445	2.87E-06	6.4E-07	1.05E-03	6.74E-10	2.27E-01	1.57E-01	2.41E-11	1.0E+06	2.4E-05
305	0.23178	2.87E-06	6.7E-07	1.05E-03	6.96E-10	2.27E-01	1.57E-01	2.49E-11	1.0E+06	2.5E-05
306	0.2395	2.87E-06	6.9E-07	1.05E-03	7.19E-10	2.27E-01	1.57E-01	2.57E-11	1.0E+06	2.6E-05
307	0.24763	2.87E-06	7.1E-07	1.05E-03	7.43E-10	2.27E-01	1.57E-01	2.66E-11	1.0E+06	2.7E-05
308	0.13101	2.87E-06	3.8E-07	1.05E-03	3.93E-10	2.27E-01	1.57E-01	1.41E-11	1.0E+06	1.4E-05
309	0.13378	2.87E-06	3.8E-07	1.05E-03	4.02E-10	2.27E-01	1.57E-01	1.43E-11	1.0E+06	1.4E-05

Berkley WTPF

Haul2 Unmitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
310	0.13677	2.87E-06	3.9E-07	1.05E-03	4.11E-10	2.27E-01	1.57E-01	1.47E-11	1.0E+06	1.5E-05
311	0.1399	2.87E-06	4.0E-07	1.05E-03	4.20E-10	2.27E-01	1.57E-01	1.50E-11	1.0E+06	1.5E-05
312	0.14315	2.87E-06	4.1E-07	1.05E-03	4.30E-10	2.27E-01	1.57E-01	1.54E-11	1.0E+06	1.5E-05
313	0.14656	2.87E-06	4.2E-07	1.05E-03	4.40E-10	2.27E-01	1.57E-01	1.57E-11	1.0E+06	1.6E-05
314	0.15011	2.87E-06	4.3E-07	1.05E-03	4.51E-10	2.27E-01	1.57E-01	1.61E-11	1.0E+06	1.6E-05
315	0.15382	2.87E-06	4.4E-07	1.05E-03	4.62E-10	2.27E-01	1.57E-01	1.65E-11	1.0E+06	1.6E-05
316	0.15771	2.87E-06	4.5E-07	1.05E-03	4.73E-10	2.27E-01	1.57E-01	1.69E-11	1.0E+06	1.7E-05
317	0.16177	2.87E-06	4.6E-07	1.05E-03	4.86E-10	2.27E-01	1.57E-01	1.74E-11	1.0E+06	1.7E-05
318	0.16602	2.87E-06	4.8E-07	1.05E-03	4.98E-10	2.27E-01	1.57E-01	1.78E-11	1.0E+06	1.8E-05
319	0.17046	2.87E-06	4.9E-07	1.05E-03	5.12E-10	2.27E-01	1.57E-01	1.83E-11	1.0E+06	1.8E-05
320	0.17512	2.87E-06	5.0E-07	1.05E-03	5.26E-10	2.27E-01	1.57E-01	1.88E-11	1.0E+06	1.9E-05
321	0.18	2.87E-06	5.2E-07	1.05E-03	5.40E-10	2.27E-01	1.57E-01	1.93E-11	1.0E+06	1.9E-05
322	0.18512	2.87E-06	5.3E-07	1.05E-03	5.56E-10	2.27E-01	1.57E-01	1.99E-11	1.0E+06	2.0E-05
323	0.202	2.87E-06	5.8E-07	1.05E-03	6.06E-10	2.27E-01	1.57E-01	2.17E-11	1.0E+06	2.2E-05
324	0.20819	2.87E-06	6.0E-07	1.05E-03	6.25E-10	2.27E-01	1.57E-01	2.23E-11	1.0E+06	2.2E-05
325	0.21468	2.87E-06	6.2E-07	1.05E-03	6.44E-10	2.27E-01	1.57E-01	2.30E-11	1.0E+06	2.3E-05
326	0.2215	2.87E-06	6.4E-07	1.05E-03	6.65E-10	2.27E-01	1.57E-01	2.38E-11	1.0E+06	2.4E-05
327	0.22868	2.87E-06	6.6E-07	1.05E-03	6.86E-10	2.27E-01	1.57E-01	2.45E-11	1.0E+06	2.5E-05
328	0.23622	2.87E-06	6.8E-07	1.05E-03	7.09E-10	2.27E-01	1.57E-01	2.53E-11	1.0E+06	2.5E-05
329	0.24415	2.87E-06	7.0E-07	1.05E-03	7.33E-10	2.27E-01	1.57E-01	2.62E-11	1.0E+06	2.6E-05
330	0.12945	2.87E-06	3.7E-07	1.05E-03	3.89E-10	2.27E-01	1.57E-01	1.39E-11	1.0E+06	1.4E-05
331	0.13219	2.87E-06	3.8E-07	1.05E-03	3.97E-10	2.27E-01	1.57E-01	1.42E-11	1.0E+06	1.4E-05
332	0.13516	2.87E-06	3.9E-07	1.05E-03	4.06E-10	2.27E-01	1.57E-01	1.45E-11	1.0E+06	1.4E-05
333	0.13826	2.87E-06	4.0E-07	1.05E-03	4.15E-10	2.27E-01	1.57E-01	1.48E-11	1.0E+06	1.5E-05
334	0.14149	2.87E-06	4.1E-07	1.05E-03	4.25E-10	2.27E-01	1.57E-01	1.52E-11	1.0E+06	1.5E-05
335	0.14486	2.87E-06	4.2E-07	1.05E-03	4.35E-10	2.27E-01	1.57E-01	1.55E-11	1.0E+06	1.6E-05
336	0.14838	2.87E-06	4.3E-07	1.05E-03	4.45E-10	2.27E-01	1.57E-01	1.59E-11	1.0E+06	1.6E-05
337	0.15206	2.87E-06	4.4E-07	1.05E-03	4.56E-10	2.27E-01	1.57E-01	1.63E-11	1.0E+06	1.6E-05
338	0.15591	2.87E-06	4.5E-07	1.05E-03	4.68E-10	2.27E-01	1.57E-01	1.67E-11	1.0E+06	1.7E-05
339	0.15992	2.87E-06	4.6E-07	1.05E-03	4.80E-10	2.27E-01	1.57E-01	1.72E-11	1.0E+06	1.7E-05
340	0.16413	2.87E-06	4.7E-07	1.05E-03	4.93E-10	2.27E-01	1.57E-01	1.76E-11	1.0E+06	1.8E-05

Berkley WTPF

Haul2 Unmitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
341	0.16852	2.87E-06	4.8E-07	1.05E-03	5.06E-10	2.27E-01	1.57E-01	1.81E-11	1.0E+06	1.8E-05
342	0.17312	2.87E-06	5.0E-07	1.05E-03	5.20E-10	2.27E-01	1.57E-01	1.86E-11	1.0E+06	1.9E-05
343	0.17793	2.87E-06	5.1E-07	1.05E-03	5.34E-10	2.27E-01	1.57E-01	1.91E-11	1.0E+06	1.9E-05
344	0.18297	2.87E-06	5.3E-07	1.05E-03	5.49E-10	2.27E-01	1.57E-01	1.96E-11	1.0E+06	2.0E-05
345	0.18825	2.87E-06	5.4E-07	1.05E-03	5.65E-10	2.27E-01	1.57E-01	2.02E-11	1.0E+06	2.0E-05
346	0.19377	2.87E-06	5.6E-07	1.05E-03	5.82E-10	2.27E-01	1.57E-01	2.08E-11	1.0E+06	2.1E-05
347	0.19956	2.87E-06	5.7E-07	1.05E-03	5.99E-10	2.27E-01	1.57E-01	2.14E-11	1.0E+06	2.1E-05
348	0.20563	2.87E-06	5.9E-07	1.05E-03	6.17E-10	2.27E-01	1.57E-01	2.21E-11	1.0E+06	2.2E-05
349	0.212	2.87E-06	6.1E-07	1.05E-03	6.36E-10	2.27E-01	1.57E-01	2.27E-11	1.0E+06	2.3E-05
350	0.21867	2.87E-06	6.3E-07	1.05E-03	6.56E-10	2.27E-01	1.57E-01	2.35E-11	1.0E+06	2.3E-05
351	0.22585	2.87E-06	6.5E-07	1.05E-03	6.78E-10	2.27E-01	1.57E-01	2.42E-11	1.0E+06	2.4E-05
352	0.23332	2.87E-06	6.7E-07	1.05E-03	7.00E-10	2.27E-01	1.57E-01	2.50E-11	1.0E+06	2.5E-05
353	0.128	2.87E-06	3.7E-07	1.05E-03	3.84E-10	2.27E-01	1.57E-01	1.37E-11	1.0E+06	1.4E-05
354	0.13072	2.87E-06	3.8E-07	1.05E-03	3.92E-10	2.27E-01	1.57E-01	1.40E-11	1.0E+06	1.4E-05
355	0.13367	2.87E-06	3.8E-07	1.05E-03	4.01E-10	2.27E-01	1.57E-01	1.43E-11	1.0E+06	1.4E-05
356	0.13675	2.87E-06	3.9E-07	1.05E-03	4.10E-10	2.27E-01	1.57E-01	1.47E-11	1.0E+06	1.5E-05
357	0.13995	2.87E-06	4.0E-07	1.05E-03	4.20E-10	2.27E-01	1.57E-01	1.50E-11	1.0E+06	1.5E-05
358	0.1433	2.87E-06	4.1E-07	1.05E-03	4.30E-10	2.27E-01	1.57E-01	1.54E-11	1.0E+06	1.5E-05
359	0.14679	2.87E-06	4.2E-07	1.05E-03	4.41E-10	2.27E-01	1.57E-01	1.57E-11	1.0E+06	1.6E-05
360	0.15043	2.87E-06	4.3E-07	1.05E-03	4.52E-10	2.27E-01	1.57E-01	1.61E-11	1.0E+06	1.6E-05
361	0.15424	2.87E-06	4.4E-07	1.05E-03	4.63E-10	2.27E-01	1.57E-01	1.65E-11	1.0E+06	1.7E-05
362	0.15821	2.87E-06	4.5E-07	1.05E-03	4.75E-10	2.27E-01	1.57E-01	1.70E-11	1.0E+06	1.7E-05
363	0.16236	2.87E-06	4.7E-07	1.05E-03	4.87E-10	2.27E-01	1.57E-01	1.74E-11	1.0E+06	1.7E-05
364	0.16671	2.87E-06	4.8E-07	1.05E-03	5.00E-10	2.27E-01	1.57E-01	1.79E-11	1.0E+06	1.8E-05
365	0.17124	2.87E-06	4.9E-07	1.05E-03	5.14E-10	2.27E-01	1.57E-01	1.84E-11	1.0E+06	1.8E-05
366	0.17599	2.87E-06	5.1E-07	1.05E-03	5.28E-10	2.27E-01	1.57E-01	1.89E-11	1.0E+06	1.9E-05
367	0.18095	2.87E-06	5.2E-07	1.05E-03	5.43E-10	2.27E-01	1.57E-01	1.94E-11	1.0E+06	1.9E-05
368	0.18614	2.87E-06	5.3E-07	1.05E-03	5.59E-10	2.27E-01	1.57E-01	2.00E-11	1.0E+06	2.0E-05
369	0.19157	2.87E-06	5.5E-07	1.05E-03	5.75E-10	2.27E-01	1.57E-01	2.05E-11	1.0E+06	2.1E-05
370	0.19728	2.87E-06	5.7E-07	1.05E-03	5.92E-10	2.27E-01	1.57E-01	2.12E-11	1.0E+06	2.1E-05
371	0.20325	2.87E-06	5.8E-07	1.05E-03	6.10E-10	2.27E-01	1.57E-01	2.18E-11	1.0E+06	2.2E-05

Berkley WTPF

Haul2 Unmitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
372	0.20949	2.87E-06	6.0E-07	1.05E-03	6.29E-10	2.27E-01	1.57E-01	2.25E-11	1.0E+06	2.2E-05
373	0.12937	2.87E-06	3.7E-07	1.05E-03	3.88E-10	2.27E-01	1.57E-01	1.39E-11	1.0E+06	1.4E-05
374	0.1323	2.87E-06	3.8E-07	1.05E-03	3.97E-10	2.27E-01	1.57E-01	1.42E-11	1.0E+06	1.4E-05
375	0.13535	2.87E-06	3.9E-07	1.05E-03	4.06E-10	2.27E-01	1.57E-01	1.45E-11	1.0E+06	1.5E-05
376	0.13853	2.87E-06	4.0E-07	1.05E-03	4.16E-10	2.27E-01	1.57E-01	1.49E-11	1.0E+06	1.5E-05
377	0.14185	2.87E-06	4.1E-07	1.05E-03	4.26E-10	2.27E-01	1.57E-01	1.52E-11	1.0E+06	1.5E-05
378	0.14531	2.87E-06	4.2E-07	1.05E-03	4.36E-10	2.27E-01	1.57E-01	1.56E-11	1.0E+06	1.6E-05
379	0.14892	2.87E-06	4.3E-07	1.05E-03	4.47E-10	2.27E-01	1.57E-01	1.60E-11	1.0E+06	1.6E-05
380	0.15268	2.87E-06	4.4E-07	1.05E-03	4.58E-10	2.27E-01	1.57E-01	1.64E-11	1.0E+06	1.6E-05
381	0.15662	2.87E-06	4.5E-07	1.05E-03	4.70E-10	2.27E-01	1.57E-01	1.68E-11	1.0E+06	1.7E-05
382	0.16072	2.87E-06	4.6E-07	1.05E-03	4.82E-10	2.27E-01	1.57E-01	1.72E-11	1.0E+06	1.7E-05
383	0.16501	2.87E-06	4.7E-07	1.05E-03	4.95E-10	2.27E-01	1.57E-01	1.77E-11	1.0E+06	1.8E-05
384	0.16948	2.87E-06	4.9E-07	1.05E-03	5.09E-10	2.27E-01	1.57E-01	1.82E-11	1.0E+06	1.8E-05
385	0.17415	2.87E-06	5.0E-07	1.05E-03	5.23E-10	2.27E-01	1.57E-01	1.87E-11	1.0E+06	1.9E-05
386	0.17903	2.87E-06	5.1E-07	1.05E-03	5.37E-10	2.27E-01	1.57E-01	1.92E-11	1.0E+06	1.9E-05
387	0.18413	2.87E-06	5.3E-07	1.05E-03	5.53E-10	2.27E-01	1.57E-01	1.97E-11	1.0E+06	2.0E-05
388	0.18958	2.87E-06	5.4E-07	1.05E-03	5.69E-10	2.27E-01	1.57E-01	2.03E-11	1.0E+06	2.0E-05
389	0.12823	2.87E-06	3.7E-07	1.05E-03	3.85E-10	2.27E-01	1.57E-01	1.38E-11	1.0E+06	1.4E-05
390	0.13114	2.87E-06	3.8E-07	1.05E-03	3.94E-10	2.27E-01	1.57E-01	1.41E-11	1.0E+06	1.4E-05
391	0.13411	2.87E-06	3.9E-07	1.05E-03	4.03E-10	2.27E-01	1.57E-01	1.44E-11	1.0E+06	1.4E-05
392	0.13722	2.87E-06	3.9E-07	1.05E-03	4.12E-10	2.27E-01	1.57E-01	1.47E-11	1.0E+06	1.5E-05
393	0.14051	2.87E-06	4.0E-07	1.05E-03	4.22E-10	2.27E-01	1.57E-01	1.51E-11	1.0E+06	1.5E-05
394	0.14394	2.87E-06	4.1E-07	1.05E-03	4.32E-10	2.27E-01	1.57E-01	1.54E-11	1.0E+06	1.5E-05
395	0.14751	2.87E-06	4.2E-07	1.05E-03	4.43E-10	2.27E-01	1.57E-01	1.58E-11	1.0E+06	1.6E-05
396	0.15124	2.87E-06	4.3E-07	1.05E-03	4.54E-10	2.27E-01	1.57E-01	1.62E-11	1.0E+06	1.6E-05
397	0.15513	2.87E-06	4.5E-07	1.05E-03	4.66E-10	2.27E-01	1.57E-01	1.66E-11	1.0E+06	1.7E-05
398	0.15918	2.87E-06	4.6E-07	1.05E-03	4.78E-10	2.27E-01	1.57E-01	1.71E-11	1.0E+06	1.7E-05
399	0.16341	2.87E-06	4.7E-07	1.05E-03	4.90E-10	2.27E-01	1.57E-01	1.75E-11	1.0E+06	1.8E-05
400	0.16782	2.87E-06	4.8E-07	1.05E-03	5.04E-10	2.27E-01	1.57E-01	1.80E-11	1.0E+06	1.8E-05
401	0.17242	2.87E-06	5.0E-07	1.05E-03	5.18E-10	2.27E-01	1.57E-01	1.85E-11	1.0E+06	1.8E-05
402	0.17722	2.87E-06	5.1E-07	1.05E-03	5.32E-10	2.27E-01	1.57E-01	1.90E-11	1.0E+06	1.9E-05

Berkley WTPF

Haul2 Unmitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
403	0.18223	2.87E-06	5.2E-07	1.05E-03	5.47E-10	2.27E-01	1.57E-01	1.95E-11	1.0E+06	2.0E-05
404	0.13011	2.87E-06	3.7E-07	1.05E-03	3.91E-10	2.27E-01	1.57E-01	1.40E-11	1.0E+06	1.4E-05
405	0.133	2.87E-06	3.8E-07	1.05E-03	3.99E-10	2.27E-01	1.57E-01	1.43E-11	1.0E+06	1.4E-05
406	0.13603	2.87E-06	3.9E-07	1.05E-03	4.08E-10	2.27E-01	1.57E-01	1.46E-11	1.0E+06	1.5E-05
407	0.13927	2.87E-06	4.0E-07	1.05E-03	4.18E-10	2.27E-01	1.57E-01	1.49E-11	1.0E+06	1.5E-05
408	0.14266	2.87E-06	4.1E-07	1.05E-03	4.28E-10	2.27E-01	1.57E-01	1.53E-11	1.0E+06	1.5E-05
409	0.1462	2.87E-06	4.2E-07	1.05E-03	4.39E-10	2.27E-01	1.57E-01	1.57E-11	1.0E+06	1.6E-05
410	0.14989	2.87E-06	4.3E-07	1.05E-03	4.50E-10	2.27E-01	1.57E-01	1.61E-11	1.0E+06	1.6E-05
411	0.15373	2.87E-06	4.4E-07	1.05E-03	4.61E-10	2.27E-01	1.57E-01	1.65E-11	1.0E+06	1.6E-05
412	0.15773	2.87E-06	4.5E-07	1.05E-03	4.73E-10	2.27E-01	1.57E-01	1.69E-11	1.0E+06	1.7E-05
413	0.1619	2.87E-06	4.6E-07	1.05E-03	4.86E-10	2.27E-01	1.57E-01	1.74E-11	1.0E+06	1.7E-05
414	0.16624	2.87E-06	4.8E-07	1.05E-03	4.99E-10	2.27E-01	1.57E-01	1.78E-11	1.0E+06	1.8E-05
415	0.17077	2.87E-06	4.9E-07	1.05E-03	5.13E-10	2.27E-01	1.57E-01	1.83E-11	1.0E+06	1.8E-05
416	0.17548	2.87E-06	5.0E-07	1.05E-03	5.27E-10	2.27E-01	1.57E-01	1.88E-11	1.0E+06	1.9E-05
417	0.18042	2.87E-06	5.2E-07	1.05E-03	5.42E-10	2.27E-01	1.57E-01	1.94E-11	1.0E+06	1.9E-05
418	0.13513	2.87E-06	3.9E-07	1.05E-03	4.06E-10	2.27E-01	1.57E-01	1.45E-11	1.0E+06	1.4E-05
419	0.13813	2.87E-06	4.0E-07	1.05E-03	4.15E-10	2.27E-01	1.57E-01	1.48E-11	1.0E+06	1.5E-05
420	0.14147	2.87E-06	4.1E-07	1.05E-03	4.25E-10	2.27E-01	1.57E-01	1.52E-11	1.0E+06	1.5E-05
421	0.14498	2.87E-06	4.2E-07	1.05E-03	4.35E-10	2.27E-01	1.57E-01	1.56E-11	1.0E+06	1.6E-05
422	0.14862	2.87E-06	4.3E-07	1.05E-03	4.46E-10	2.27E-01	1.57E-01	1.59E-11	1.0E+06	1.6E-05
423	0.15241	2.87E-06	4.4E-07	1.05E-03	4.57E-10	2.27E-01	1.57E-01	1.63E-11	1.0E+06	1.6E-05
424	0.15635	2.87E-06	4.5E-07	1.05E-03	4.69E-10	2.27E-01	1.57E-01	1.68E-11	1.0E+06	1.7E-05
425	0.16046	2.87E-06	4.6E-07	1.05E-03	4.82E-10	2.27E-01	1.57E-01	1.72E-11	1.0E+06	1.7E-05
426	0.16473	2.87E-06	4.7E-07	1.05E-03	4.94E-10	2.27E-01	1.57E-01	1.77E-11	1.0E+06	1.8E-05
427	0.16918	2.87E-06	4.9E-07	1.05E-03	5.08E-10	2.27E-01	1.57E-01	1.81E-11	1.0E+06	1.8E-05
428	0.17382	2.87E-06	5.0E-07	1.05E-03	5.22E-10	2.27E-01	1.57E-01	1.86E-11	1.0E+06	1.9E-05
429	0.17885	2.87E-06	5.1E-07	1.05E-03	5.37E-10	2.27E-01	1.57E-01	1.92E-11	1.0E+06	1.9E-05
430	0.15134	2.87E-06	4.3E-07	1.05E-03	4.54E-10	2.27E-01	1.57E-01	1.62E-11	1.0E+06	1.6E-05
431	0.15518	2.87E-06	4.5E-07	1.05E-03	4.66E-10	2.27E-01	1.57E-01	1.66E-11	1.0E+06	1.7E-05
432	0.15923	2.87E-06	4.6E-07	1.05E-03	4.78E-10	2.27E-01	1.57E-01	1.71E-11	1.0E+06	1.7E-05
433	0.16335	2.87E-06	4.7E-07	1.05E-03	4.90E-10	2.27E-01	1.57E-01	1.75E-11	1.0E+06	1.8E-05

Berkley WTPF
Haul2 Unmitigated Risk

						Cancer Risk from Birth to 2 years - Construction				
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
434	0.16766	2.87E-06	4.8E-07	1.05E-03	5.03E-10	2.27E-01	1.57E-01	1.80E-11	1.0E+06	1.8E-05
435	0.17221	2.87E-06	4.9E-07	1.05E-03	5.17E-10	2.27E-01	1.57E-01	1.85E-11	1.0E+06	1.8E-05

Berkley WTPF
Haul2 Unmitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
		Residence	
1	5	1.11E-07	1.11E-07
2	5	1.14E-07	1.14E-07
3	5	1.17E-07	1.17E-07
4	5	1.20E-07	1.20E-07
5	5	1.23E-07	1.23E-07
6	5	1.27E-07	1.27E-07
7	5	1.31E-07	1.31E-07
8	5	1.35E-07	1.35E-07
9	5	1.07E-07	1.07E-07
10	5	1.10E-07	1.10E-07
11	5	1.13E-07	1.13E-07
12	5	1.16E-07	1.16E-07
13	5	1.19E-07	1.19E-07
14	5	1.22E-07	1.22E-07
15	5	1.26E-07	1.26E-07
16	5	1.29E-07	1.29E-07
17	5	1.33E-07	1.33E-07
18	5	1.37E-07	1.37E-07
19	5	1.42E-07	1.42E-07
20	5	1.46E-07	1.46E-07
21	5	1.06E-07	1.06E-07
22	5	1.09E-07	1.09E-07
23	5	1.12E-07	1.12E-07
24	5	1.15E-07	1.15E-07
25	5	1.18E-07	1.18E-07
26	5	1.21E-07	1.21E-07
27	5	1.25E-07	1.25E-07
28	5	1.28E-07	1.28E-07
29	5	1.32E-07	1.32E-07
30	5	1.36E-07	1.36E-07

Max	Receptor #	
1.979E-07	120	Res
5.189E-08	511	Park
2.498E-07	120	Total

Berkley WTPF
Haul2 Unmitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
31	5	1.40E-07	1.40E-07
32	5	1.45E-07	1.45E-07
33	5	1.49E-07	1.49E-07
34	5	1.54E-07	1.54E-07
35	5	1.60E-07	1.60E-07
36	5	1.65E-07	1.65E-07
37	5	1.05E-07	1.05E-07
38	5	1.08E-07	1.08E-07
39	5	1.11E-07	1.11E-07
40	5	1.14E-07	1.14E-07
41	5	1.17E-07	1.17E-07
42	5	1.20E-07	1.20E-07
43	5	1.23E-07	1.23E-07
44	5	1.27E-07	1.27E-07
45	5	1.31E-07	1.31E-07
46	5	1.35E-07	1.35E-07
47	5	1.39E-07	1.39E-07
48	5	1.43E-07	1.43E-07
49	5	1.48E-07	1.48E-07
50	5	1.53E-07	1.53E-07
51	5	1.58E-07	1.58E-07
52	5	1.63E-07	1.63E-07
53	5	1.69E-07	1.69E-07
54	5	1.76E-07	1.76E-07
55	5	1.82E-07	1.82E-07
56	5	1.02E-07	1.02E-07
57	5	1.05E-07	1.05E-07
58	5	1.07E-07	1.07E-07
59	5	1.10E-07	1.10E-07
60	5	1.13E-07	1.13E-07
61	5	1.16E-07	1.16E-07

Berkley WTPF
Haul2 Unmitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
62	5	1.19E-07	1.19E-07
63	5	1.22E-07	1.22E-07
64	5	1.26E-07	1.26E-07
65	5	1.29E-07	1.29E-07
66	5	1.33E-07	1.33E-07
67	5	1.37E-07	1.37E-07
68	5	1.42E-07	1.42E-07
69	5	1.46E-07	1.46E-07
70	5	1.51E-07	1.51E-07
71	5	1.56E-07	1.56E-07
72	5	1.62E-07	1.62E-07
73	5	1.67E-07	1.67E-07
74	5	1.73E-07	1.73E-07
75	5	1.80E-07	1.80E-07
76	5	1.01E-07	1.01E-07
77	5	1.04E-07	1.04E-07
78	5	1.06E-07	1.06E-07
79	5	1.09E-07	1.09E-07
80	5	1.12E-07	1.12E-07
81	5	1.15E-07	1.15E-07
82	5	1.18E-07	1.18E-07
83	5	1.21E-07	1.21E-07
84	5	1.25E-07	1.25E-07
85	5	1.28E-07	1.28E-07
86	5	1.32E-07	1.32E-07
87	5	1.36E-07	1.36E-07
88	5	1.40E-07	1.40E-07
89	5	1.45E-07	1.45E-07
90	5	1.49E-07	1.49E-07
91	5	1.54E-07	1.54E-07
92	5	1.60E-07	1.60E-07

Berkley WTPF
Haul2 Unmitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
93	5	1.65E-07	1.65E-07
94	5	1.71E-07	1.71E-07
95	5	1.78E-07	1.78E-07
96	5	1.85E-07	1.85E-07
97	5	1.92E-07	1.92E-07
98	5	1.00E-07	1.00E-07
99	5	1.03E-07	1.03E-07
100	5	1.05E-07	1.05E-07
101	5	1.08E-07	1.08E-07
102	5	1.11E-07	1.11E-07
103	5	1.14E-07	1.14E-07
104	5	1.17E-07	1.17E-07
105	5	1.20E-07	1.20E-07
106	5	1.23E-07	1.23E-07
107	5	1.27E-07	1.27E-07
108	5	1.31E-07	1.31E-07
109	5	1.35E-07	1.35E-07
110	5	1.39E-07	1.39E-07
111	5	1.43E-07	1.43E-07
112	5	1.48E-07	1.48E-07
113	5	1.53E-07	1.53E-07
114	5	1.58E-07	1.58E-07
115	5	1.64E-07	1.64E-07
116	5	1.70E-07	1.70E-07
117	5	1.76E-07	1.76E-07
118	5	1.83E-07	1.83E-07
119	5	1.90E-07	1.90E-07
120	5	1.98E-07	1.98E-07
121	5	9.71E-08	9.71E-08
122	5	9.93E-08	9.93E-08
123	5	1.02E-07	1.02E-07

Berkley WTPF
Haul2 Unmitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
124	5	1.04E-07	1.04E-07
125	5	1.07E-07	1.07E-07
126	5	1.10E-07	1.10E-07
127	5	1.13E-07	1.13E-07
128	5	1.16E-07	1.16E-07
129	5	1.19E-07	1.19E-07
130	5	1.22E-07	1.22E-07
131	5	1.26E-07	1.26E-07
132	5	1.29E-07	1.29E-07
133	5	1.33E-07	1.33E-07
134	5	1.37E-07	1.37E-07
135	5	1.42E-07	1.42E-07
136	5	1.46E-07	1.46E-07
137	5	1.51E-07	1.51E-07
138	5	1.56E-07	1.56E-07
139	5	1.62E-07	1.62E-07
140	5	1.68E-07	1.68E-07
141	5	1.74E-07	1.74E-07
142	5	1.81E-07	1.81E-07
143	5	1.88E-07	1.88E-07
144	5	1.96E-07	1.96E-07
145	5	9.61E-08	9.61E-08
146	5	9.83E-08	9.83E-08
147	5	1.01E-07	1.01E-07
148	5	1.03E-07	1.03E-07
149	5	1.06E-07	1.06E-07
150	5	1.08E-07	1.08E-07
151	5	1.11E-07	1.11E-07
152	5	1.14E-07	1.14E-07
153	5	1.17E-07	1.17E-07
154	5	1.21E-07	1.21E-07

Berkley WTPF
Haul2 Unmitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
155	5	1.24E-07	1.24E-07
156	5	1.28E-07	1.28E-07
157	5	1.32E-07	1.32E-07
158	5	1.36E-07	1.36E-07
159	5	1.40E-07	1.40E-07
160	5	1.45E-07	1.45E-07
161	5	1.50E-07	1.50E-07
162	5	1.55E-07	1.55E-07
163	5	1.60E-07	1.60E-07
164	5	1.66E-07	1.66E-07
165	5	1.72E-07	1.72E-07
166	5	1.79E-07	1.79E-07
167	5	1.86E-07	1.86E-07
168	5	9.50E-08	9.50E-08
169	5	9.72E-08	9.72E-08
170	5	9.94E-08	9.94E-08
171	5	1.02E-07	1.02E-07
172	5	1.05E-07	1.05E-07
173	5	1.07E-07	1.07E-07
174	5	1.10E-07	1.10E-07
175	5	1.13E-07	1.13E-07
176	5	1.16E-07	1.16E-07
177	5	1.19E-07	1.19E-07
178	5	1.23E-07	1.23E-07
179	5	1.27E-07	1.27E-07
180	5	1.30E-07	1.30E-07
181	5	1.34E-07	1.34E-07
182	5	1.39E-07	1.39E-07
183	5	1.43E-07	1.43E-07
184	5	1.48E-07	1.48E-07
185	5	1.53E-07	1.53E-07

Berkley WTPF
Haul2 Unmitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
186	5	1.58E-07	1.58E-07
187	5	1.64E-07	1.64E-07
188	5	1.70E-07	1.70E-07
189	5	1.77E-07	1.77E-07
190	5	1.84E-07	1.84E-07
191	5	9.38E-08	9.38E-08
192	5	9.59E-08	9.59E-08
193	5	9.82E-08	9.82E-08
194	5	1.01E-07	1.01E-07
195	5	1.03E-07	1.03E-07
196	5	1.06E-07	1.06E-07
197	5	1.09E-07	1.09E-07
198	5	1.12E-07	1.12E-07
199	5	1.15E-07	1.15E-07
200	5	1.18E-07	1.18E-07
201	5	1.33E-07	1.33E-07
202	5	1.37E-07	1.37E-07
203	5	1.41E-07	1.41E-07
204	5	1.46E-07	1.46E-07
205	5	1.51E-07	1.51E-07
206	5	1.57E-07	1.57E-07
207	5	1.62E-07	1.62E-07
208	5	1.68E-07	1.68E-07
209	5	1.75E-07	1.75E-07
210	5	1.82E-07	1.82E-07
211	5	9.24E-08	9.24E-08
212	5	9.47E-08	9.47E-08
213	5	9.70E-08	9.70E-08
214	5	9.94E-08	9.94E-08
215	5	1.02E-07	1.02E-07
216	5	1.05E-07	1.05E-07

Berkley WTPF
Haul2 Unmitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
217	5	1.07E-07	1.07E-07
218	5	1.10E-07	1.10E-07
219	5	1.13E-07	1.13E-07
220	5	1.40E-07	1.40E-07
221	5	1.44E-07	1.44E-07
222	5	1.49E-07	1.49E-07
223	5	1.55E-07	1.55E-07
224	5	1.60E-07	1.60E-07
225	5	1.66E-07	1.66E-07
226	5	1.72E-07	1.72E-07
227	5	8.91E-08	8.91E-08
228	5	9.12E-08	9.12E-08
229	5	9.34E-08	9.34E-08
230	5	9.57E-08	9.57E-08
231	5	9.81E-08	9.81E-08
232	5	1.01E-07	1.01E-07
233	5	1.03E-07	1.03E-07
234	5	1.06E-07	1.06E-07
235	5	1.09E-07	1.09E-07
236	5	1.12E-07	1.12E-07
237	5	1.34E-07	1.34E-07
238	5	1.38E-07	1.38E-07
239	5	1.43E-07	1.43E-07
240	5	1.47E-07	1.47E-07
241	5	1.53E-07	1.53E-07
242	5	1.58E-07	1.58E-07
243	5	1.64E-07	1.64E-07
244	5	1.71E-07	1.71E-07
245	5	9.21E-08	9.21E-08
246	5	9.44E-08	9.44E-08
247	5	9.67E-08	9.67E-08

Berkley WTPF
Haul2 Unmitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
248	5	9.92E-08	9.92E-08
249	5	1.02E-07	1.02E-07
250	5	1.04E-07	1.04E-07
251	5	1.07E-07	1.07E-07
252	5	1.10E-07	1.10E-07
253	5	1.32E-07	1.32E-07
254	5	1.36E-07	1.36E-07
255	5	1.41E-07	1.41E-07
256	5	1.46E-07	1.46E-07
257	5	1.51E-07	1.51E-07
258	5	1.56E-07	1.56E-07
259	5	1.62E-07	1.62E-07
260	5	1.03E-07	1.03E-07
261	5	1.06E-07	1.06E-07
262	5	1.26E-07	1.26E-07
263	5	1.30E-07	1.30E-07
264	5	1.34E-07	1.34E-07
265	5	1.39E-07	1.39E-07
266	5	1.43E-07	1.43E-07
267	5	1.48E-07	1.48E-07
268	5	1.54E-07	1.54E-07
269	5	1.60E-07	1.60E-07
270	5	1.24E-07	1.24E-07
271	5	1.28E-07	1.28E-07
272	5	1.32E-07	1.32E-07
273	5	1.37E-07	1.37E-07
274	5	1.41E-07	1.41E-07
275	5	1.46E-07	1.46E-07
276	5	1.52E-07	1.52E-07
277	5	7.89E-08	7.89E-08
278	5	8.06E-08	8.06E-08

Berkley WTPF
Haul2 Unmitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
279	5	8.24E-08	8.24E-08
280	5	8.43E-08	8.43E-08
281	5	8.63E-08	8.63E-08
282	5	1.19E-07	1.19E-07
283	5	1.23E-07	1.23E-07
284	5	1.27E-07	1.27E-07
285	5	1.31E-07	1.31E-07
286	5	1.35E-07	1.35E-07
287	5	1.40E-07	1.40E-07
288	5	1.44E-07	1.44E-07
289	5	1.50E-07	1.50E-07
290	5	7.62E-08	7.62E-08
291	5	7.78E-08	7.78E-08
292	5	7.95E-08	7.95E-08
293	5	8.14E-08	8.14E-08
294	5	8.32E-08	8.32E-08
295	5	8.52E-08	8.52E-08
296	5	8.73E-08	8.73E-08
297	5	8.94E-08	8.94E-08
298	5	9.17E-08	9.17E-08
299	5	9.40E-08	9.40E-08
300	5	9.65E-08	9.65E-08
301	5	1.17E-07	1.17E-07
302	5	1.21E-07	1.21E-07
303	5	1.25E-07	1.25E-07
304	5	1.29E-07	1.29E-07
305	5	1.33E-07	1.33E-07
306	5	1.38E-07	1.38E-07
307	5	1.42E-07	1.42E-07
308	5	7.52E-08	7.52E-08
309	5	7.68E-08	7.68E-08

Berkley WTPF
Haul2 Unmitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
310	5	7.86E-08	7.86E-08
311	5	8.04E-08	8.04E-08
312	5	8.22E-08	8.22E-08
313	5	8.42E-08	8.42E-08
314	5	8.62E-08	8.62E-08
315	5	8.83E-08	8.83E-08
316	5	9.06E-08	9.06E-08
317	5	9.29E-08	9.29E-08
318	5	9.54E-08	9.54E-08
319	5	9.79E-08	9.79E-08
320	5	1.01E-07	1.01E-07
321	5	1.03E-07	1.03E-07
322	5	1.06E-07	1.06E-07
323	5	1.16E-07	1.16E-07
324	5	1.20E-07	1.20E-07
325	5	1.23E-07	1.23E-07
326	5	1.27E-07	1.27E-07
327	5	1.31E-07	1.31E-07
328	5	1.36E-07	1.36E-07
329	5	1.40E-07	1.40E-07
330	5	7.43E-08	7.43E-08
331	5	7.59E-08	7.59E-08
332	5	7.76E-08	7.76E-08
333	5	7.94E-08	7.94E-08
334	5	8.13E-08	8.13E-08
335	5	8.32E-08	8.32E-08
336	5	8.52E-08	8.52E-08
337	5	8.73E-08	8.73E-08
338	5	8.95E-08	8.95E-08
339	5	9.18E-08	9.18E-08
340	5	9.43E-08	9.43E-08

Berkley WTPF
Haul2 Unmitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
341	5	9.68E-08	9.68E-08
342	5	9.94E-08	9.94E-08
343	5	1.02E-07	1.02E-07
344	5	1.05E-07	1.05E-07
345	5	1.08E-07	1.08E-07
346	5	1.11E-07	1.11E-07
347	5	1.15E-07	1.15E-07
348	5	1.18E-07	1.18E-07
349	5	1.22E-07	1.22E-07
350	5	1.26E-07	1.26E-07
351	5	1.30E-07	1.30E-07
352	5	1.34E-07	1.34E-07
353	5	7.35E-08	7.35E-08
354	5	7.51E-08	7.51E-08
355	5	7.68E-08	7.68E-08
356	5	7.85E-08	7.85E-08
357	5	8.04E-08	8.04E-08
358	5	8.23E-08	8.23E-08
359	5	8.43E-08	8.43E-08
360	5	8.64E-08	8.64E-08
361	5	8.86E-08	8.86E-08
362	5	9.09E-08	9.09E-08
363	5	9.33E-08	9.33E-08
364	5	9.57E-08	9.57E-08
365	5	9.84E-08	9.84E-08
366	5	1.01E-07	1.01E-07
367	5	1.04E-07	1.04E-07
368	5	1.07E-07	1.07E-07
369	5	1.10E-07	1.10E-07
370	5	1.13E-07	1.13E-07
371	5	1.17E-07	1.17E-07

Berkley WTPF
Haul2 Unmitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
372	5	1.20E-07	1.20E-07
373	5	7.43E-08	7.43E-08
374	5	7.60E-08	7.60E-08
375	5	7.77E-08	7.77E-08
376	5	7.96E-08	7.96E-08
377	5	8.15E-08	8.15E-08
378	5	8.35E-08	8.35E-08
379	5	8.55E-08	8.55E-08
380	5	8.77E-08	8.77E-08
381	5	9.00E-08	9.00E-08
382	5	9.23E-08	9.23E-08
383	5	9.48E-08	9.48E-08
384	5	9.73E-08	9.73E-08
385	5	1.00E-07	1.00E-07
386	5	1.03E-07	1.03E-07
387	5	1.06E-07	1.06E-07
388	5	1.09E-07	1.09E-07
389	5	7.36E-08	7.36E-08
390	5	7.53E-08	7.53E-08
391	5	7.70E-08	7.70E-08
392	5	7.88E-08	7.88E-08
393	5	8.07E-08	8.07E-08
394	5	8.27E-08	8.27E-08
395	5	8.47E-08	8.47E-08
396	5	8.69E-08	8.69E-08
397	5	8.91E-08	8.91E-08
398	5	9.14E-08	9.14E-08
399	5	9.39E-08	9.39E-08
400	5	9.64E-08	9.64E-08
401	5	9.90E-08	9.90E-08
402	5	1.02E-07	1.02E-07

Berkley WTPF
Haul2 Unmitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
403	5	1.05E-07	1.05E-07
404	5	7.47E-08	7.47E-08
405	5	7.64E-08	7.64E-08
406	5	7.81E-08	7.81E-08
407	5	8.00E-08	8.00E-08
408	5	8.19E-08	8.19E-08
409	5	8.40E-08	8.40E-08
410	5	8.61E-08	8.61E-08
411	5	8.83E-08	8.83E-08
412	5	9.06E-08	9.06E-08
413	5	9.30E-08	9.30E-08
414	5	9.55E-08	9.55E-08
415	5	9.81E-08	9.81E-08
416	5	1.01E-07	1.01E-07
417	5	1.04E-07	1.04E-07
418	5	7.76E-08	7.76E-08
419	5	7.93E-08	7.93E-08
420	5	8.13E-08	8.13E-08
421	5	8.33E-08	8.33E-08
422	5	8.54E-08	8.54E-08
423	5	8.75E-08	8.75E-08
424	5	8.98E-08	8.98E-08
425	5	9.22E-08	9.22E-08
426	5	9.46E-08	9.46E-08
427	5	9.72E-08	9.72E-08
428	5	9.98E-08	9.98E-08
429	5	1.03E-07	1.03E-07
430	5	8.69E-08	8.69E-08
431	5	8.91E-08	8.91E-08
432	5	9.15E-08	9.15E-08
433	5	9.38E-08	9.38E-08

Berkley WTPF
Haul2 Unmitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
434	5	9.63E-08	9.63E-08
435	5	9.89E-08	9.89E-08

Berkley WTPF

Haul3 Unmitigated Risk

					Cancer Risk from Birth to 2 years - Construction						
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million	
					Residence						
1	0.2838	2.86E-06	8.1E-07	1.05E-03	8.47E-10	2.27E-01	1.57E-01	3.03E-11	1.0E+06	3.0E-05	
2	0.29071	2.86E-06	8.3E-07	1.05E-03	8.68E-10	2.27E-01	1.57E-01	3.10E-11	1.0E+06	3.1E-05	
3	0.29784	2.86E-06	8.5E-07	1.05E-03	8.89E-10	2.27E-01	1.57E-01	3.18E-11	1.0E+06	3.2E-05	
4	0.30519	2.86E-06	8.7E-07	1.05E-03	9.11E-10	2.27E-01	1.57E-01	3.26E-11	1.0E+06	3.3E-05	
5	0.31288	2.86E-06	8.9E-07	1.05E-03	9.34E-10	2.27E-01	1.57E-01	3.34E-11	1.0E+06	3.3E-05	
6	0.32072	2.86E-06	9.2E-07	1.05E-03	9.57E-10	2.27E-01	1.57E-01	3.42E-11	1.0E+06	3.4E-05	
7	0.32874	2.86E-06	9.4E-07	1.05E-03	9.81E-10	2.27E-01	1.57E-01	3.51E-11	1.0E+06	3.5E-05	
8	0.33672	2.86E-06	9.6E-07	1.05E-03	1.01E-09	2.27E-01	1.57E-01	3.59E-11	1.0E+06	3.6E-05	
9	0.27796	2.86E-06	7.9E-07	1.05E-03	8.30E-10	2.27E-01	1.57E-01	2.97E-11	1.0E+06	3.0E-05	
10	0.28463	2.86E-06	8.1E-07	1.05E-03	8.50E-10	2.27E-01	1.57E-01	3.04E-11	1.0E+06	3.0E-05	
11	0.29197	2.86E-06	8.3E-07	1.05E-03	8.72E-10	2.27E-01	1.57E-01	3.11E-11	1.0E+06	3.1E-05	
12	0.29949	2.86E-06	8.6E-07	1.05E-03	8.94E-10	2.27E-01	1.57E-01	3.19E-11	1.0E+06	3.2E-05	
13	0.30715	2.86E-06	8.8E-07	1.05E-03	9.17E-10	2.27E-01	1.57E-01	3.28E-11	1.0E+06	3.3E-05	
14	0.31495	2.86E-06	9.0E-07	1.05E-03	9.40E-10	2.27E-01	1.57E-01	3.36E-11	1.0E+06	3.4E-05	
15	0.32291	2.86E-06	9.2E-07	1.05E-03	9.64E-10	2.27E-01	1.57E-01	3.44E-11	1.0E+06	3.4E-05	
16	0.33103	2.86E-06	9.5E-07	1.05E-03	9.88E-10	2.27E-01	1.57E-01	3.53E-11	1.0E+06	3.5E-05	
17	0.33932	2.86E-06	9.7E-07	1.05E-03	1.01E-09	2.27E-01	1.57E-01	3.62E-11	1.0E+06	3.6E-05	
18	0.34806	2.86E-06	9.9E-07	1.05E-03	1.04E-09	2.27E-01	1.57E-01	3.71E-11	1.0E+06	3.7E-05	
19	0.35731	2.86E-06	1.0E-06	1.05E-03	1.07E-09	2.27E-01	1.57E-01	3.81E-11	1.0E+06	3.8E-05	
20	0.36632	2.86E-06	1.0E-06	1.05E-03	1.09E-09	2.27E-01	1.57E-01	3.91E-11	1.0E+06	3.9E-05	
21	0.27856	2.86E-06	8.0E-07	1.05E-03	8.32E-10	2.27E-01	1.57E-01	2.97E-11	1.0E+06	3.0E-05	
22	0.28548	2.86E-06	8.2E-07	1.05E-03	8.52E-10	2.27E-01	1.57E-01	3.05E-11	1.0E+06	3.0E-05	
23	0.29309	2.86E-06	8.4E-07	1.05E-03	8.75E-10	2.27E-01	1.57E-01	3.13E-11	1.0E+06	3.1E-05	
24	0.30089	2.86E-06	8.6E-07	1.05E-03	8.98E-10	2.27E-01	1.57E-01	3.21E-11	1.0E+06	3.2E-05	
25	0.30885	2.86E-06	8.8E-07	1.05E-03	9.22E-10	2.27E-01	1.57E-01	3.29E-11	1.0E+06	3.3E-05	
26	0.31697	2.86E-06	9.1E-07	1.05E-03	9.46E-10	2.27E-01	1.57E-01	3.38E-11	1.0E+06	3.4E-05	
27	0.32526	2.86E-06	9.3E-07	1.05E-03	9.71E-10	2.27E-01	1.57E-01	3.47E-11	1.0E+06	3.5E-05	
28	0.33372	2.86E-06	9.5E-07	1.05E-03	9.96E-10	2.27E-01	1.57E-01	3.56E-11	1.0E+06	3.6E-05	
29	0.34236	2.86E-06	9.8E-07	1.05E-03	1.02E-09	2.27E-01	1.57E-01	3.65E-11	1.0E+06	3.7E-05	
30	0.35121	2.86E-06	1.0E-06	1.05E-03	1.05E-09	2.27E-01	1.57E-01	3.75E-11	1.0E+06	3.7E-05	

	Max	Receptor #
Res	5.70E-05	210
Park	1.16E-05	527
Total	6.86E-05	210

Berkley WTPF

Haul3 Unmitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
31	0.36028	2.86E-06	1.0E-06	1.05E-03	1.08E-09	2.27E-01	1.57E-01	3.84E-11	1.0E+06	3.8E-05
32	0.3696	2.86E-06	1.1E-06	1.05E-03	1.10E-09	2.27E-01	1.57E-01	3.94E-11	1.0E+06	3.9E-05
33	0.37917	2.86E-06	1.1E-06	1.05E-03	1.13E-09	2.27E-01	1.57E-01	4.04E-11	1.0E+06	4.0E-05
34	0.38902	2.86E-06	1.1E-06	1.05E-03	1.16E-09	2.27E-01	1.57E-01	4.15E-11	1.0E+06	4.2E-05
35	0.39916	2.86E-06	1.1E-06	1.05E-03	1.19E-09	2.27E-01	1.57E-01	4.26E-11	1.0E+06	4.3E-05
36	0.41009	2.86E-06	1.2E-06	1.05E-03	1.22E-09	2.27E-01	1.57E-01	4.37E-11	1.0E+06	4.4E-05
37	0.27859	2.86E-06	8.0E-07	1.05E-03	8.32E-10	2.27E-01	1.57E-01	2.97E-11	1.0E+06	3.0E-05
38	0.28611	2.86E-06	8.2E-07	1.05E-03	8.54E-10	2.27E-01	1.57E-01	3.05E-11	1.0E+06	3.1E-05
39	0.29399	2.86E-06	8.4E-07	1.05E-03	8.78E-10	2.27E-01	1.57E-01	3.14E-11	1.0E+06	3.1E-05
40	0.30206	2.86E-06	8.6E-07	1.05E-03	9.02E-10	2.27E-01	1.57E-01	3.22E-11	1.0E+06	3.2E-05
41	0.31031	2.86E-06	8.9E-07	1.05E-03	9.26E-10	2.27E-01	1.57E-01	3.31E-11	1.0E+06	3.3E-05
42	0.31874	2.86E-06	9.1E-07	1.05E-03	9.52E-10	2.27E-01	1.57E-01	3.40E-11	1.0E+06	3.4E-05
43	0.32735	2.86E-06	9.4E-07	1.05E-03	9.77E-10	2.27E-01	1.57E-01	3.49E-11	1.0E+06	3.5E-05
44	0.33616	2.86E-06	9.6E-07	1.05E-03	1.00E-09	2.27E-01	1.57E-01	3.59E-11	1.0E+06	3.6E-05
45	0.34516	2.86E-06	9.9E-07	1.05E-03	1.03E-09	2.27E-01	1.57E-01	3.68E-11	1.0E+06	3.7E-05
46	0.35437	2.86E-06	1.0E-06	1.05E-03	1.06E-09	2.27E-01	1.57E-01	3.78E-11	1.0E+06	3.8E-05
47	0.36382	2.86E-06	1.0E-06	1.05E-03	1.09E-09	2.27E-01	1.57E-01	3.88E-11	1.0E+06	3.9E-05
48	0.37353	2.86E-06	1.1E-06	1.05E-03	1.12E-09	2.27E-01	1.57E-01	3.98E-11	1.0E+06	4.0E-05
49	0.38351	2.86E-06	1.1E-06	1.05E-03	1.14E-09	2.27E-01	1.57E-01	4.09E-11	1.0E+06	4.1E-05
50	0.39379	2.86E-06	1.1E-06	1.05E-03	1.18E-09	2.27E-01	1.57E-01	4.20E-11	1.0E+06	4.2E-05
51	0.40438	2.86E-06	1.2E-06	1.05E-03	1.21E-09	2.27E-01	1.57E-01	4.31E-11	1.0E+06	4.3E-05
52	0.41545	2.86E-06	1.2E-06	1.05E-03	1.24E-09	2.27E-01	1.57E-01	4.43E-11	1.0E+06	4.4E-05
53	0.42708	2.86E-06	1.2E-06	1.05E-03	1.28E-09	2.27E-01	1.57E-01	4.56E-11	1.0E+06	4.6E-05
54	0.43871	2.86E-06	1.3E-06	1.05E-03	1.31E-09	2.27E-01	1.57E-01	4.68E-11	1.0E+06	4.7E-05
55	0.45108	2.86E-06	1.3E-06	1.05E-03	1.35E-09	2.27E-01	1.57E-01	4.81E-11	1.0E+06	4.8E-05
56	0.27133	2.86E-06	7.7E-07	1.05E-03	8.10E-10	2.27E-01	1.57E-01	2.89E-11	1.0E+06	2.9E-05
57	0.27868	2.86E-06	8.0E-07	1.05E-03	8.32E-10	2.27E-01	1.57E-01	2.97E-11	1.0E+06	3.0E-05
58	0.28658	2.86E-06	8.2E-07	1.05E-03	8.56E-10	2.27E-01	1.57E-01	3.06E-11	1.0E+06	3.1E-05
59	0.2947	2.86E-06	8.4E-07	1.05E-03	8.80E-10	2.27E-01	1.57E-01	3.14E-11	1.0E+06	3.1E-05
60	0.30302	2.86E-06	8.7E-07	1.05E-03	9.05E-10	2.27E-01	1.57E-01	3.23E-11	1.0E+06	3.2E-05
61	0.31155	2.86E-06	8.9E-07	1.05E-03	9.30E-10	2.27E-01	1.57E-01	3.32E-11	1.0E+06	3.3E-05

Berkley WTPF

Haul3 Unmitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
62	0.32029	2.86E-06	9.1E-07	1.05E-03	9.56E-10	2.27E-01	1.57E-01	3.42E-11	1.0E+06	3.4E-05
63	0.32922	2.86E-06	9.4E-07	1.05E-03	9.83E-10	2.27E-01	1.57E-01	3.51E-11	1.0E+06	3.5E-05
64	0.33837	2.86E-06	9.7E-07	1.05E-03	1.01E-09	2.27E-01	1.57E-01	3.61E-11	1.0E+06	3.6E-05
65	0.34773	2.86E-06	9.9E-07	1.05E-03	1.04E-09	2.27E-01	1.57E-01	3.71E-11	1.0E+06	3.7E-05
66	0.35731	2.86E-06	1.0E-06	1.05E-03	1.07E-09	2.27E-01	1.57E-01	3.81E-11	1.0E+06	3.8E-05
67	0.36715	2.86E-06	1.0E-06	1.05E-03	1.10E-09	2.27E-01	1.57E-01	3.92E-11	1.0E+06	3.9E-05
68	0.37724	2.86E-06	1.1E-06	1.05E-03	1.13E-09	2.27E-01	1.57E-01	4.02E-11	1.0E+06	4.0E-05
69	0.38763	2.86E-06	1.1E-06	1.05E-03	1.16E-09	2.27E-01	1.57E-01	4.14E-11	1.0E+06	4.1E-05
70	0.39834	2.86E-06	1.1E-06	1.05E-03	1.19E-09	2.27E-01	1.57E-01	4.25E-11	1.0E+06	4.2E-05
71	0.40938	2.86E-06	1.2E-06	1.05E-03	1.22E-09	2.27E-01	1.57E-01	4.37E-11	1.0E+06	4.4E-05
72	0.42078	2.86E-06	1.2E-06	1.05E-03	1.26E-09	2.27E-01	1.57E-01	4.49E-11	1.0E+06	4.5E-05
73	0.43255	2.86E-06	1.2E-06	1.05E-03	1.29E-09	2.27E-01	1.57E-01	4.61E-11	1.0E+06	4.6E-05
74	0.44471	2.86E-06	1.3E-06	1.05E-03	1.33E-09	2.27E-01	1.57E-01	4.74E-11	1.0E+06	4.7E-05
75	0.45764	2.86E-06	1.3E-06	1.05E-03	1.37E-09	2.27E-01	1.57E-01	4.88E-11	1.0E+06	4.9E-05
76	0.27132	2.86E-06	7.7E-07	1.05E-03	8.10E-10	2.27E-01	1.57E-01	2.89E-11	1.0E+06	2.9E-05
77	0.27883	2.86E-06	8.0E-07	1.05E-03	8.32E-10	2.27E-01	1.57E-01	2.97E-11	1.0E+06	3.0E-05
78	0.28691	2.86E-06	8.2E-07	1.05E-03	8.57E-10	2.27E-01	1.57E-01	3.06E-11	1.0E+06	3.1E-05
79	0.29524	2.86E-06	8.4E-07	1.05E-03	8.81E-10	2.27E-01	1.57E-01	3.15E-11	1.0E+06	3.1E-05
80	0.3038	2.86E-06	8.7E-07	1.05E-03	9.07E-10	2.27E-01	1.57E-01	3.24E-11	1.0E+06	3.2E-05
81	0.3126	2.86E-06	8.9E-07	1.05E-03	9.33E-10	2.27E-01	1.57E-01	3.33E-11	1.0E+06	3.3E-05
82	0.32162	2.86E-06	9.2E-07	1.05E-03	9.60E-10	2.27E-01	1.57E-01	3.43E-11	1.0E+06	3.4E-05
83	0.33088	2.86E-06	9.5E-07	1.05E-03	9.88E-10	2.27E-01	1.57E-01	3.53E-11	1.0E+06	3.5E-05
84	0.34036	2.86E-06	9.7E-07	1.05E-03	1.02E-09	2.27E-01	1.57E-01	3.63E-11	1.0E+06	3.6E-05
85	0.35008	2.86E-06	1.0E-06	1.05E-03	1.05E-09	2.27E-01	1.57E-01	3.73E-11	1.0E+06	3.7E-05
86	0.36004	2.86E-06	1.0E-06	1.05E-03	1.07E-09	2.27E-01	1.57E-01	3.84E-11	1.0E+06	3.8E-05
87	0.37026	2.86E-06	1.1E-06	1.05E-03	1.11E-09	2.27E-01	1.57E-01	3.95E-11	1.0E+06	3.9E-05
88	0.38076	2.86E-06	1.1E-06	1.05E-03	1.14E-09	2.27E-01	1.57E-01	4.06E-11	1.0E+06	4.1E-05
89	0.39157	2.86E-06	1.1E-06	1.05E-03	1.17E-09	2.27E-01	1.57E-01	4.18E-11	1.0E+06	4.2E-05
90	0.4027	2.86E-06	1.2E-06	1.05E-03	1.20E-09	2.27E-01	1.57E-01	4.30E-11	1.0E+06	4.3E-05
91	0.4142	2.86E-06	1.2E-06	1.05E-03	1.24E-09	2.27E-01	1.57E-01	4.42E-11	1.0E+06	4.4E-05
92	0.42607	2.86E-06	1.2E-06	1.05E-03	1.27E-09	2.27E-01	1.57E-01	4.55E-11	1.0E+06	4.5E-05

Berkley WTPF

Haul3 Unmitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
93	0.43836	2.86E-06	1.3E-06	1.05E-03	1.31E-09	2.27E-01	1.57E-01	4.68E-11	1.0E+06	4.7E-05
94	0.45106	2.86E-06	1.3E-06	1.05E-03	1.35E-09	2.27E-01	1.57E-01	4.81E-11	1.0E+06	4.8E-05
95	0.4642	2.86E-06	1.3E-06	1.05E-03	1.39E-09	2.27E-01	1.57E-01	4.95E-11	1.0E+06	5.0E-05
96	0.47778	2.86E-06	1.4E-06	1.05E-03	1.43E-09	2.27E-01	1.57E-01	5.10E-11	1.0E+06	5.1E-05
97	0.49179	2.86E-06	1.4E-06	1.05E-03	1.47E-09	2.27E-01	1.57E-01	5.25E-11	1.0E+06	5.2E-05
98	0.2712	2.86E-06	7.7E-07	1.05E-03	8.10E-10	2.27E-01	1.57E-01	2.89E-11	1.0E+06	2.9E-05
99	0.27886	2.86E-06	8.0E-07	1.05E-03	8.33E-10	2.27E-01	1.57E-01	2.97E-11	1.0E+06	3.0E-05
100	0.28711	2.86E-06	8.2E-07	1.05E-03	8.57E-10	2.27E-01	1.57E-01	3.06E-11	1.0E+06	3.1E-05
101	0.29563	2.86E-06	8.4E-07	1.05E-03	8.83E-10	2.27E-01	1.57E-01	3.15E-11	1.0E+06	3.2E-05
102	0.30441	2.86E-06	8.7E-07	1.05E-03	9.09E-10	2.27E-01	1.57E-01	3.25E-11	1.0E+06	3.2E-05
103	0.31346	2.86E-06	9.0E-07	1.05E-03	9.36E-10	2.27E-01	1.57E-01	3.34E-11	1.0E+06	3.3E-05
104	0.32277	2.86E-06	9.2E-07	1.05E-03	9.64E-10	2.27E-01	1.57E-01	3.44E-11	1.0E+06	3.4E-05
105	0.33233	2.86E-06	9.5E-07	1.05E-03	9.92E-10	2.27E-01	1.57E-01	3.55E-11	1.0E+06	3.5E-05
106	0.34214	2.86E-06	9.8E-07	1.05E-03	1.02E-09	2.27E-01	1.57E-01	3.65E-11	1.0E+06	3.6E-05
107	0.35222	2.86E-06	1.0E-06	1.05E-03	1.05E-09	2.27E-01	1.57E-01	3.76E-11	1.0E+06	3.8E-05
108	0.36256	2.86E-06	1.0E-06	1.05E-03	1.08E-09	2.27E-01	1.57E-01	3.87E-11	1.0E+06	3.9E-05
109	0.37317	2.86E-06	1.1E-06	1.05E-03	1.11E-09	2.27E-01	1.57E-01	3.98E-11	1.0E+06	4.0E-05
110	0.38409	2.86E-06	1.1E-06	1.05E-03	1.15E-09	2.27E-01	1.57E-01	4.10E-11	1.0E+06	4.1E-05
111	0.39532	2.86E-06	1.1E-06	1.05E-03	1.18E-09	2.27E-01	1.57E-01	4.22E-11	1.0E+06	4.2E-05
112	0.40689	2.86E-06	1.2E-06	1.05E-03	1.21E-09	2.27E-01	1.57E-01	4.34E-11	1.0E+06	4.3E-05
113	0.41884	2.86E-06	1.2E-06	1.05E-03	1.25E-09	2.27E-01	1.57E-01	4.47E-11	1.0E+06	4.5E-05
114	0.4312	2.86E-06	1.2E-06	1.05E-03	1.29E-09	2.27E-01	1.57E-01	4.60E-11	1.0E+06	4.6E-05
115	0.444	2.86E-06	1.3E-06	1.05E-03	1.33E-09	2.27E-01	1.57E-01	4.74E-11	1.0E+06	4.7E-05
116	0.45725	2.86E-06	1.3E-06	1.05E-03	1.37E-09	2.27E-01	1.57E-01	4.88E-11	1.0E+06	4.9E-05
117	0.47098	2.86E-06	1.3E-06	1.05E-03	1.41E-09	2.27E-01	1.57E-01	5.02E-11	1.0E+06	5.0E-05
118	0.48521	2.86E-06	1.4E-06	1.05E-03	1.45E-09	2.27E-01	1.57E-01	5.18E-11	1.0E+06	5.2E-05
119	0.49994	2.86E-06	1.4E-06	1.05E-03	1.49E-09	2.27E-01	1.57E-01	5.33E-11	1.0E+06	5.3E-05
120	0.51575	2.86E-06	1.5E-06	1.05E-03	1.54E-09	2.27E-01	1.57E-01	5.50E-11	1.0E+06	5.5E-05
121	0.2636	2.86E-06	7.5E-07	1.05E-03	7.87E-10	2.27E-01	1.57E-01	2.81E-11	1.0E+06	2.8E-05
122	0.27099	2.86E-06	7.7E-07	1.05E-03	8.09E-10	2.27E-01	1.57E-01	2.89E-11	1.0E+06	2.9E-05
123	0.27878	2.86E-06	8.0E-07	1.05E-03	8.32E-10	2.27E-01	1.57E-01	2.97E-11	1.0E+06	3.0E-05

Berkley WTPF

Haul3 Unmitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
124	0.28718	2.86E-06	8.2E-07	1.05E-03	8.57E-10	2.27E-01	1.57E-01	3.06E-11	1.0E+06	3.1E-05
125	0.29588	2.86E-06	8.5E-07	1.05E-03	8.83E-10	2.27E-01	1.57E-01	3.16E-11	1.0E+06	3.2E-05
126	0.30487	2.86E-06	8.7E-07	1.05E-03	9.10E-10	2.27E-01	1.57E-01	3.25E-11	1.0E+06	3.3E-05
127	0.31415	2.86E-06	9.0E-07	1.05E-03	9.38E-10	2.27E-01	1.57E-01	3.35E-11	1.0E+06	3.4E-05
128	0.32372	2.86E-06	9.2E-07	1.05E-03	9.66E-10	2.27E-01	1.57E-01	3.45E-11	1.0E+06	3.5E-05
129	0.33358	2.86E-06	9.5E-07	1.05E-03	9.96E-10	2.27E-01	1.57E-01	3.56E-11	1.0E+06	3.6E-05
130	0.34372	2.86E-06	9.8E-07	1.05E-03	1.03E-09	2.27E-01	1.57E-01	3.67E-11	1.0E+06	3.7E-05
131	0.35415	2.86E-06	1.0E-06	1.05E-03	1.06E-09	2.27E-01	1.57E-01	3.78E-11	1.0E+06	3.8E-05
132	0.36487	2.86E-06	1.0E-06	1.05E-03	1.09E-09	2.27E-01	1.57E-01	3.89E-11	1.0E+06	3.9E-05
133	0.37589	2.86E-06	1.1E-06	1.05E-03	1.12E-09	2.27E-01	1.57E-01	4.01E-11	1.0E+06	4.0E-05
134	0.38722	2.86E-06	1.1E-06	1.05E-03	1.16E-09	2.27E-01	1.57E-01	4.13E-11	1.0E+06	4.1E-05
135	0.39889	2.86E-06	1.1E-06	1.05E-03	1.19E-09	2.27E-01	1.57E-01	4.26E-11	1.0E+06	4.3E-05
136	0.41092	2.86E-06	1.2E-06	1.05E-03	1.23E-09	2.27E-01	1.57E-01	4.38E-11	1.0E+06	4.4E-05
137	0.42334	2.86E-06	1.2E-06	1.05E-03	1.26E-09	2.27E-01	1.57E-01	4.52E-11	1.0E+06	4.5E-05
138	0.43618	2.86E-06	1.2E-06	1.05E-03	1.30E-09	2.27E-01	1.57E-01	4.65E-11	1.0E+06	4.7E-05
139	0.44949	2.86E-06	1.3E-06	1.05E-03	1.34E-09	2.27E-01	1.57E-01	4.80E-11	1.0E+06	4.8E-05
140	0.46329	2.86E-06	1.3E-06	1.05E-03	1.38E-09	2.27E-01	1.57E-01	4.94E-11	1.0E+06	4.9E-05
141	0.47762	2.86E-06	1.4E-06	1.05E-03	1.43E-09	2.27E-01	1.57E-01	5.10E-11	1.0E+06	5.1E-05
142	0.49249	2.86E-06	1.4E-06	1.05E-03	1.47E-09	2.27E-01	1.57E-01	5.25E-11	1.0E+06	5.3E-05
143	0.50793	2.86E-06	1.5E-06	1.05E-03	1.52E-09	2.27E-01	1.57E-01	5.42E-11	1.0E+06	5.4E-05
144	0.52503	2.86E-06	1.5E-06	1.05E-03	1.57E-09	2.27E-01	1.57E-01	5.60E-11	1.0E+06	5.6E-05
145	0.26318	2.86E-06	7.5E-07	1.05E-03	7.86E-10	2.27E-01	1.57E-01	2.81E-11	1.0E+06	2.8E-05
146	0.27068	2.86E-06	7.7E-07	1.05E-03	8.08E-10	2.27E-01	1.57E-01	2.89E-11	1.0E+06	2.9E-05
147	0.27859	2.86E-06	8.0E-07	1.05E-03	8.32E-10	2.27E-01	1.57E-01	2.97E-11	1.0E+06	3.0E-05
148	0.28713	2.86E-06	8.2E-07	1.05E-03	8.57E-10	2.27E-01	1.57E-01	3.06E-11	1.0E+06	3.1E-05
149	0.29599	2.86E-06	8.5E-07	1.05E-03	8.84E-10	2.27E-01	1.57E-01	3.16E-11	1.0E+06	3.2E-05
150	0.30517	2.86E-06	8.7E-07	1.05E-03	9.11E-10	2.27E-01	1.57E-01	3.26E-11	1.0E+06	3.3E-05
151	0.31466	2.86E-06	9.0E-07	1.05E-03	9.39E-10	2.27E-01	1.57E-01	3.36E-11	1.0E+06	3.4E-05
152	0.32448	2.86E-06	9.3E-07	1.05E-03	9.69E-10	2.27E-01	1.57E-01	3.46E-11	1.0E+06	3.5E-05
153	0.33462	2.86E-06	9.6E-07	1.05E-03	9.99E-10	2.27E-01	1.57E-01	3.57E-11	1.0E+06	3.6E-05
154	0.34508	2.86E-06	9.9E-07	1.05E-03	1.03E-09	2.27E-01	1.57E-01	3.68E-11	1.0E+06	3.7E-05

Berkley WTPF

Haul3 Unmitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
155	0.35586	2.86E-06	1.0E-06	1.05E-03	1.06E-09	2.27E-01	1.57E-01	3.80E-11	1.0E+06	3.8E-05
156	0.36695	2.86E-06	1.0E-06	1.05E-03	1.10E-09	2.27E-01	1.57E-01	3.91E-11	1.0E+06	3.9E-05
157	0.37838	2.86E-06	1.1E-06	1.05E-03	1.13E-09	2.27E-01	1.57E-01	4.04E-11	1.0E+06	4.0E-05
158	0.39014	2.86E-06	1.1E-06	1.05E-03	1.16E-09	2.27E-01	1.57E-01	4.16E-11	1.0E+06	4.2E-05
159	0.40226	2.86E-06	1.1E-06	1.05E-03	1.20E-09	2.27E-01	1.57E-01	4.29E-11	1.0E+06	4.3E-05
160	0.41475	2.86E-06	1.2E-06	1.05E-03	1.24E-09	2.27E-01	1.57E-01	4.42E-11	1.0E+06	4.4E-05
161	0.42766	2.86E-06	1.2E-06	1.05E-03	1.28E-09	2.27E-01	1.57E-01	4.56E-11	1.0E+06	4.6E-05
162	0.44101	2.86E-06	1.3E-06	1.05E-03	1.32E-09	2.27E-01	1.57E-01	4.70E-11	1.0E+06	4.7E-05
163	0.45485	2.86E-06	1.3E-06	1.05E-03	1.36E-09	2.27E-01	1.57E-01	4.85E-11	1.0E+06	4.9E-05
164	0.46921	2.86E-06	1.3E-06	1.05E-03	1.40E-09	2.27E-01	1.57E-01	5.01E-11	1.0E+06	5.0E-05
165	0.48413	2.86E-06	1.4E-06	1.05E-03	1.45E-09	2.27E-01	1.57E-01	5.16E-11	1.0E+06	5.2E-05
166	0.49964	2.86E-06	1.4E-06	1.05E-03	1.49E-09	2.27E-01	1.57E-01	5.33E-11	1.0E+06	5.3E-05
167	0.51594	2.86E-06	1.5E-06	1.05E-03	1.54E-09	2.27E-01	1.57E-01	5.50E-11	1.0E+06	5.5E-05
168	0.26267	2.86E-06	7.5E-07	1.05E-03	7.84E-10	2.27E-01	1.57E-01	2.80E-11	1.0E+06	2.8E-05
169	0.27026	2.86E-06	7.7E-07	1.05E-03	8.07E-10	2.27E-01	1.57E-01	2.88E-11	1.0E+06	2.9E-05
170	0.27827	2.86E-06	7.9E-07	1.05E-03	8.31E-10	2.27E-01	1.57E-01	2.97E-11	1.0E+06	3.0E-05
171	0.28694	2.86E-06	8.2E-07	1.05E-03	8.57E-10	2.27E-01	1.57E-01	3.06E-11	1.0E+06	3.1E-05
172	0.29594	2.86E-06	8.5E-07	1.05E-03	8.84E-10	2.27E-01	1.57E-01	3.16E-11	1.0E+06	3.2E-05
173	0.30529	2.86E-06	8.7E-07	1.05E-03	9.11E-10	2.27E-01	1.57E-01	3.26E-11	1.0E+06	3.3E-05
174	0.31499	2.86E-06	9.0E-07	1.05E-03	9.40E-10	2.27E-01	1.57E-01	3.36E-11	1.0E+06	3.4E-05
175	0.32504	2.86E-06	9.3E-07	1.05E-03	9.70E-10	2.27E-01	1.57E-01	3.47E-11	1.0E+06	3.5E-05
176	0.33544	2.86E-06	9.6E-07	1.05E-03	1.00E-09	2.27E-01	1.57E-01	3.58E-11	1.0E+06	3.6E-05
177	0.3462	2.86E-06	9.9E-07	1.05E-03	1.03E-09	2.27E-01	1.57E-01	3.69E-11	1.0E+06	3.7E-05
178	0.35731	2.86E-06	1.0E-06	1.05E-03	1.07E-09	2.27E-01	1.57E-01	3.81E-11	1.0E+06	3.8E-05
179	0.36878	2.86E-06	1.1E-06	1.05E-03	1.10E-09	2.27E-01	1.57E-01	3.93E-11	1.0E+06	3.9E-05
180	0.38061	2.86E-06	1.1E-06	1.05E-03	1.14E-09	2.27E-01	1.57E-01	4.06E-11	1.0E+06	4.1E-05
181	0.39281	2.86E-06	1.1E-06	1.05E-03	1.17E-09	2.27E-01	1.57E-01	4.19E-11	1.0E+06	4.2E-05
182	0.40539	2.86E-06	1.2E-06	1.05E-03	1.21E-09	2.27E-01	1.57E-01	4.32E-11	1.0E+06	4.3E-05
183	0.41837	2.86E-06	1.2E-06	1.05E-03	1.25E-09	2.27E-01	1.57E-01	4.46E-11	1.0E+06	4.5E-05
184	0.43178	2.86E-06	1.2E-06	1.05E-03	1.29E-09	2.27E-01	1.57E-01	4.61E-11	1.0E+06	4.6E-05
185	0.44566	2.86E-06	1.3E-06	1.05E-03	1.33E-09	2.27E-01	1.57E-01	4.75E-11	1.0E+06	4.8E-05

Berkley WTPF

Haul3 Unmitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
186	0.46004	2.86E-06	1.3E-06	1.05E-03	1.37E-09	2.27E-01	1.57E-01	4.91E-11	1.0E+06	4.9E-05
187	0.47497	2.86E-06	1.4E-06	1.05E-03	1.42E-09	2.27E-01	1.57E-01	5.07E-11	1.0E+06	5.1E-05
188	0.4905	2.86E-06	1.4E-06	1.05E-03	1.46E-09	2.27E-01	1.57E-01	5.23E-11	1.0E+06	5.2E-05
189	0.50666	2.86E-06	1.4E-06	1.05E-03	1.51E-09	2.27E-01	1.57E-01	5.41E-11	1.0E+06	5.4E-05
190	0.52572	2.86E-06	1.5E-06	1.05E-03	1.57E-09	2.27E-01	1.57E-01	5.61E-11	1.0E+06	5.6E-05
191	0.26176	2.86E-06	7.5E-07	1.05E-03	7.81E-10	2.27E-01	1.57E-01	2.79E-11	1.0E+06	2.8E-05
192	0.26957	2.86E-06	7.7E-07	1.05E-03	8.05E-10	2.27E-01	1.57E-01	2.88E-11	1.0E+06	2.9E-05
193	0.2778	2.86E-06	7.9E-07	1.05E-03	8.29E-10	2.27E-01	1.57E-01	2.96E-11	1.0E+06	3.0E-05
194	0.28659	2.86E-06	8.2E-07	1.05E-03	8.56E-10	2.27E-01	1.57E-01	3.06E-11	1.0E+06	3.1E-05
195	0.29572	2.86E-06	8.4E-07	1.05E-03	8.83E-10	2.27E-01	1.57E-01	3.15E-11	1.0E+06	3.2E-05
196	0.30523	2.86E-06	8.7E-07	1.05E-03	9.11E-10	2.27E-01	1.57E-01	3.26E-11	1.0E+06	3.3E-05
197	0.31511	2.86E-06	9.0E-07	1.05E-03	9.41E-10	2.27E-01	1.57E-01	3.36E-11	1.0E+06	3.4E-05
198	0.32537	2.86E-06	9.3E-07	1.05E-03	9.71E-10	2.27E-01	1.57E-01	3.47E-11	1.0E+06	3.5E-05
199	0.33602	2.86E-06	9.6E-07	1.05E-03	1.00E-09	2.27E-01	1.57E-01	3.58E-11	1.0E+06	3.6E-05
200	0.34706	2.86E-06	9.9E-07	1.05E-03	1.04E-09	2.27E-01	1.57E-01	3.70E-11	1.0E+06	3.7E-05
201	0.39517	2.86E-06	1.1E-06	1.05E-03	1.18E-09	2.27E-01	1.57E-01	4.22E-11	1.0E+06	4.2E-05
202	0.40822	2.86E-06	1.2E-06	1.05E-03	1.22E-09	2.27E-01	1.57E-01	4.35E-11	1.0E+06	4.4E-05
203	0.4217	2.86E-06	1.2E-06	1.05E-03	1.26E-09	2.27E-01	1.57E-01	4.50E-11	1.0E+06	4.5E-05
204	0.43563	2.86E-06	1.2E-06	1.05E-03	1.30E-09	2.27E-01	1.57E-01	4.65E-11	1.0E+06	4.6E-05
205	0.45005	2.86E-06	1.3E-06	1.05E-03	1.34E-09	2.27E-01	1.57E-01	4.80E-11	1.0E+06	4.8E-05
206	0.465	2.86E-06	1.3E-06	1.05E-03	1.39E-09	2.27E-01	1.57E-01	4.96E-11	1.0E+06	5.0E-05
207	0.48053	2.86E-06	1.4E-06	1.05E-03	1.43E-09	2.27E-01	1.57E-01	5.13E-11	1.0E+06	5.1E-05
208	0.49668	2.86E-06	1.4E-06	1.05E-03	1.48E-09	2.27E-01	1.57E-01	5.30E-11	1.0E+06	5.3E-05
209	0.51351	2.86E-06	1.5E-06	1.05E-03	1.53E-09	2.27E-01	1.57E-01	5.48E-11	1.0E+06	5.5E-05
210	0.53404	2.86E-06	1.5E-06	1.05E-03	1.59E-09	2.27E-01	1.57E-01	5.70E-11	1.0E+06	5.7E-05
211	0.26049	2.86E-06	7.4E-07	1.05E-03	7.78E-10	2.27E-01	1.57E-01	2.78E-11	1.0E+06	2.8E-05
212	0.26864	2.86E-06	7.7E-07	1.05E-03	8.02E-10	2.27E-01	1.57E-01	2.87E-11	1.0E+06	2.9E-05
213	0.27716	2.86E-06	7.9E-07	1.05E-03	8.27E-10	2.27E-01	1.57E-01	2.96E-11	1.0E+06	3.0E-05
214	0.28604	2.86E-06	8.2E-07	1.05E-03	8.54E-10	2.27E-01	1.57E-01	3.05E-11	1.0E+06	3.1E-05
215	0.2953	2.86E-06	8.4E-07	1.05E-03	8.82E-10	2.27E-01	1.57E-01	3.15E-11	1.0E+06	3.2E-05
216	0.30494	2.86E-06	8.7E-07	1.05E-03	9.10E-10	2.27E-01	1.57E-01	3.25E-11	1.0E+06	3.3E-05

Berkley WTPF

Haul3 Unmitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
217	0.31499	2.86E-06	9.0E-07	1.05E-03	9.40E-10	2.27E-01	1.57E-01	3.36E-11	1.0E+06	3.4E-05
218	0.32544	2.86E-06	9.3E-07	1.05E-03	9.72E-10	2.27E-01	1.57E-01	3.47E-11	1.0E+06	3.5E-05
219	0.33631	2.86E-06	9.6E-07	1.05E-03	1.00E-09	2.27E-01	1.57E-01	3.59E-11	1.0E+06	3.6E-05
220	0.42466	2.86E-06	1.2E-06	1.05E-03	1.27E-09	2.27E-01	1.57E-01	4.53E-11	1.0E+06	4.5E-05
221	0.43913	2.86E-06	1.3E-06	1.05E-03	1.31E-09	2.27E-01	1.57E-01	4.68E-11	1.0E+06	4.7E-05
222	0.45411	2.86E-06	1.3E-06	1.05E-03	1.36E-09	2.27E-01	1.57E-01	4.84E-11	1.0E+06	4.8E-05
223	0.46965	2.86E-06	1.3E-06	1.05E-03	1.40E-09	2.27E-01	1.57E-01	5.01E-11	1.0E+06	5.0E-05
224	0.48579	2.86E-06	1.4E-06	1.05E-03	1.45E-09	2.27E-01	1.57E-01	5.18E-11	1.0E+06	5.2E-05
225	0.50262	2.86E-06	1.4E-06	1.05E-03	1.50E-09	2.27E-01	1.57E-01	5.36E-11	1.0E+06	5.4E-05
226	0.52024	2.86E-06	1.5E-06	1.05E-03	1.55E-09	2.27E-01	1.57E-01	5.55E-11	1.0E+06	5.5E-05
227	0.25173	2.86E-06	7.2E-07	1.05E-03	7.52E-10	2.27E-01	1.57E-01	2.69E-11	1.0E+06	2.7E-05
228	0.25948	2.86E-06	7.4E-07	1.05E-03	7.75E-10	2.27E-01	1.57E-01	2.77E-11	1.0E+06	2.8E-05
229	0.26772	2.86E-06	7.6E-07	1.05E-03	7.99E-10	2.27E-01	1.57E-01	2.86E-11	1.0E+06	2.9E-05
230	0.27631	2.86E-06	7.9E-07	1.05E-03	8.25E-10	2.27E-01	1.57E-01	2.95E-11	1.0E+06	2.9E-05
231	0.28529	2.86E-06	8.1E-07	1.05E-03	8.52E-10	2.27E-01	1.57E-01	3.04E-11	1.0E+06	3.0E-05
232	0.29464	2.86E-06	8.4E-07	1.05E-03	8.80E-10	2.27E-01	1.57E-01	3.14E-11	1.0E+06	3.1E-05
233	0.30441	2.86E-06	8.7E-07	1.05E-03	9.09E-10	2.27E-01	1.57E-01	3.25E-11	1.0E+06	3.2E-05
234	0.3146	2.86E-06	9.0E-07	1.05E-03	9.39E-10	2.27E-01	1.57E-01	3.36E-11	1.0E+06	3.4E-05
235	0.32522	2.86E-06	9.3E-07	1.05E-03	9.71E-10	2.27E-01	1.57E-01	3.47E-11	1.0E+06	3.5E-05
236	0.33629	2.86E-06	9.6E-07	1.05E-03	1.00E-09	2.27E-01	1.57E-01	3.59E-11	1.0E+06	3.6E-05
237	0.41271	2.86E-06	1.2E-06	1.05E-03	1.23E-09	2.27E-01	1.57E-01	4.40E-11	1.0E+06	4.4E-05
238	0.42718	2.86E-06	1.2E-06	1.05E-03	1.28E-09	2.27E-01	1.57E-01	4.56E-11	1.0E+06	4.6E-05
239	0.44218	2.86E-06	1.3E-06	1.05E-03	1.32E-09	2.27E-01	1.57E-01	4.72E-11	1.0E+06	4.7E-05
240	0.45774	2.86E-06	1.3E-06	1.05E-03	1.37E-09	2.27E-01	1.57E-01	4.88E-11	1.0E+06	4.9E-05
241	0.47388	2.86E-06	1.4E-06	1.05E-03	1.41E-09	2.27E-01	1.57E-01	5.06E-11	1.0E+06	5.1E-05
242	0.49066	2.86E-06	1.4E-06	1.05E-03	1.46E-09	2.27E-01	1.57E-01	5.23E-11	1.0E+06	5.2E-05
243	0.50865	2.86E-06	1.5E-06	1.05E-03	1.52E-09	2.27E-01	1.57E-01	5.43E-11	1.0E+06	5.4E-05
244	0.52806	2.86E-06	1.5E-06	1.05E-03	1.58E-09	2.27E-01	1.57E-01	5.63E-11	1.0E+06	5.6E-05
245	0.26658	2.86E-06	7.6E-07	1.05E-03	7.96E-10	2.27E-01	1.57E-01	2.84E-11	1.0E+06	2.8E-05
246	0.27524	2.86E-06	7.9E-07	1.05E-03	8.22E-10	2.27E-01	1.57E-01	2.94E-11	1.0E+06	2.9E-05
247	0.28428	2.86E-06	8.1E-07	1.05E-03	8.49E-10	2.27E-01	1.57E-01	3.03E-11	1.0E+06	3.0E-05

Berkley WTPF

Haul3 Unmitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
248	0.29373	2.86E-06	8.4E-07	1.05E-03	8.77E-10	2.27E-01	1.57E-01	3.13E-11	1.0E+06	3.1E-05
249	0.3036	2.86E-06	8.7E-07	1.05E-03	9.06E-10	2.27E-01	1.57E-01	3.24E-11	1.0E+06	3.2E-05
250	0.31391	2.86E-06	9.0E-07	1.05E-03	9.37E-10	2.27E-01	1.57E-01	3.35E-11	1.0E+06	3.3E-05
251	0.32468	2.86E-06	9.3E-07	1.05E-03	9.69E-10	2.27E-01	1.57E-01	3.46E-11	1.0E+06	3.5E-05
252	0.33593	2.86E-06	9.6E-07	1.05E-03	1.00E-09	2.27E-01	1.57E-01	3.58E-11	1.0E+06	3.6E-05
253	0.41422	2.86E-06	1.2E-06	1.05E-03	1.24E-09	2.27E-01	1.57E-01	4.42E-11	1.0E+06	4.4E-05
254	0.42917	2.86E-06	1.2E-06	1.05E-03	1.28E-09	2.27E-01	1.57E-01	4.58E-11	1.0E+06	4.6E-05
255	0.4447	2.86E-06	1.3E-06	1.05E-03	1.33E-09	2.27E-01	1.57E-01	4.74E-11	1.0E+06	4.7E-05
256	0.46083	2.86E-06	1.3E-06	1.05E-03	1.38E-09	2.27E-01	1.57E-01	4.92E-11	1.0E+06	4.9E-05
257	0.47758	2.86E-06	1.4E-06	1.05E-03	1.43E-09	2.27E-01	1.57E-01	5.09E-11	1.0E+06	5.1E-05
258	0.49501	2.86E-06	1.4E-06	1.05E-03	1.48E-09	2.27E-01	1.57E-01	5.28E-11	1.0E+06	5.3E-05
259	0.51416	2.86E-06	1.5E-06	1.05E-03	1.53E-09	2.27E-01	1.57E-01	5.49E-11	1.0E+06	5.5E-05
260	0.3129	2.86E-06	8.9E-07	1.05E-03	9.34E-10	2.27E-01	1.57E-01	3.34E-11	1.0E+06	3.3E-05
261	0.3238	2.86E-06	9.2E-07	1.05E-03	9.67E-10	2.27E-01	1.57E-01	3.45E-11	1.0E+06	3.5E-05
262	0.40038	2.86E-06	1.1E-06	1.05E-03	1.20E-09	2.27E-01	1.57E-01	4.27E-11	1.0E+06	4.3E-05
263	0.41517	2.86E-06	1.2E-06	1.05E-03	1.24E-09	2.27E-01	1.57E-01	4.43E-11	1.0E+06	4.4E-05
264	0.43058	2.86E-06	1.2E-06	1.05E-03	1.29E-09	2.27E-01	1.57E-01	4.59E-11	1.0E+06	4.6E-05
265	0.44661	2.86E-06	1.3E-06	1.05E-03	1.33E-09	2.27E-01	1.57E-01	4.76E-11	1.0E+06	4.8E-05
266	0.4633	2.86E-06	1.3E-06	1.05E-03	1.38E-09	2.27E-01	1.57E-01	4.94E-11	1.0E+06	4.9E-05
267	0.48066	2.86E-06	1.4E-06	1.05E-03	1.43E-09	2.27E-01	1.57E-01	5.13E-11	1.0E+06	5.1E-05
268	0.49881	2.86E-06	1.4E-06	1.05E-03	1.49E-09	2.27E-01	1.57E-01	5.32E-11	1.0E+06	5.3E-05
269	0.51908	2.86E-06	1.5E-06	1.05E-03	1.55E-09	2.27E-01	1.57E-01	5.54E-11	1.0E+06	5.5E-05
270	0.40038	2.86E-06	1.1E-06	1.05E-03	1.20E-09	2.27E-01	1.57E-01	4.27E-11	1.0E+06	4.3E-05
271	0.41552	2.86E-06	1.2E-06	1.05E-03	1.24E-09	2.27E-01	1.57E-01	4.43E-11	1.0E+06	4.4E-05
272	0.43134	2.86E-06	1.2E-06	1.05E-03	1.29E-09	2.27E-01	1.57E-01	4.60E-11	1.0E+06	4.6E-05
273	0.44785	2.86E-06	1.3E-06	1.05E-03	1.34E-09	2.27E-01	1.57E-01	4.78E-11	1.0E+06	4.8E-05
274	0.46507	2.86E-06	1.3E-06	1.05E-03	1.39E-09	2.27E-01	1.57E-01	4.96E-11	1.0E+06	5.0E-05
275	0.48302	2.86E-06	1.4E-06	1.05E-03	1.44E-09	2.27E-01	1.57E-01	5.15E-11	1.0E+06	5.2E-05
276	0.50281	2.86E-06	1.4E-06	1.05E-03	1.50E-09	2.27E-01	1.57E-01	5.36E-11	1.0E+06	5.4E-05
277	0.22425	2.86E-06	6.4E-07	1.05E-03	6.69E-10	2.27E-01	1.57E-01	2.39E-11	1.0E+06	2.4E-05
278	0.23085	2.86E-06	6.6E-07	1.05E-03	6.89E-10	2.27E-01	1.57E-01	2.46E-11	1.0E+06	2.5E-05

Berkley WTPF

Haul3 Unmitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
279	0.23804	2.86E-06	6.8E-07	1.05E-03	7.11E-10	2.27E-01	1.57E-01	2.54E-11	1.0E+06	2.5E-05
280	0.24559	2.86E-06	7.0E-07	1.05E-03	7.33E-10	2.27E-01	1.57E-01	2.62E-11	1.0E+06	2.6E-05
281	0.25351	2.86E-06	7.2E-07	1.05E-03	7.57E-10	2.27E-01	1.57E-01	2.70E-11	1.0E+06	2.7E-05
282	0.38503	2.86E-06	1.1E-06	1.05E-03	1.15E-09	2.27E-01	1.57E-01	4.11E-11	1.0E+06	4.1E-05
283	0.39979	2.86E-06	1.1E-06	1.05E-03	1.19E-09	2.27E-01	1.57E-01	4.26E-11	1.0E+06	4.3E-05
284	0.41525	2.86E-06	1.2E-06	1.05E-03	1.24E-09	2.27E-01	1.57E-01	4.43E-11	1.0E+06	4.4E-05
285	0.43144	2.86E-06	1.2E-06	1.05E-03	1.29E-09	2.27E-01	1.57E-01	4.60E-11	1.0E+06	4.6E-05
286	0.44839	2.86E-06	1.3E-06	1.05E-03	1.34E-09	2.27E-01	1.57E-01	4.78E-11	1.0E+06	4.8E-05
287	0.4661	2.86E-06	1.3E-06	1.05E-03	1.39E-09	2.27E-01	1.57E-01	4.97E-11	1.0E+06	5.0E-05
288	0.48461	2.86E-06	1.4E-06	1.05E-03	1.45E-09	2.27E-01	1.57E-01	5.17E-11	1.0E+06	5.2E-05
289	0.50589	2.86E-06	1.4E-06	1.05E-03	1.51E-09	2.27E-01	1.57E-01	5.40E-11	1.0E+06	5.4E-05
290	0.216	2.86E-06	6.2E-07	1.05E-03	6.45E-10	2.27E-01	1.57E-01	2.30E-11	1.0E+06	2.3E-05
291	0.22224	2.86E-06	6.3E-07	1.05E-03	6.63E-10	2.27E-01	1.57E-01	2.37E-11	1.0E+06	2.4E-05
292	0.22904	2.86E-06	6.5E-07	1.05E-03	6.84E-10	2.27E-01	1.57E-01	2.44E-11	1.0E+06	2.4E-05
293	0.23618	2.86E-06	6.7E-07	1.05E-03	7.05E-10	2.27E-01	1.57E-01	2.52E-11	1.0E+06	2.5E-05
294	0.24368	2.86E-06	7.0E-07	1.05E-03	7.27E-10	2.27E-01	1.57E-01	2.60E-11	1.0E+06	2.6E-05
295	0.25155	2.86E-06	7.2E-07	1.05E-03	7.51E-10	2.27E-01	1.57E-01	2.68E-11	1.0E+06	2.7E-05
296	0.25982	2.86E-06	7.4E-07	1.05E-03	7.76E-10	2.27E-01	1.57E-01	2.77E-11	1.0E+06	2.8E-05
297	0.2685	2.86E-06	7.7E-07	1.05E-03	8.02E-10	2.27E-01	1.57E-01	2.86E-11	1.0E+06	2.9E-05
298	0.27762	2.86E-06	7.9E-07	1.05E-03	8.29E-10	2.27E-01	1.57E-01	2.96E-11	1.0E+06	3.0E-05
299	0.28721	2.86E-06	8.2E-07	1.05E-03	8.57E-10	2.27E-01	1.57E-01	3.06E-11	1.0E+06	3.1E-05
300	0.29728	2.86E-06	8.5E-07	1.05E-03	8.88E-10	2.27E-01	1.57E-01	3.17E-11	1.0E+06	3.2E-05
301	0.38365	2.86E-06	1.1E-06	1.05E-03	1.15E-09	2.27E-01	1.57E-01	4.09E-11	1.0E+06	4.1E-05
302	0.39862	2.86E-06	1.1E-06	1.05E-03	1.19E-09	2.27E-01	1.57E-01	4.25E-11	1.0E+06	4.3E-05
303	0.41435	2.86E-06	1.2E-06	1.05E-03	1.24E-09	2.27E-01	1.57E-01	4.42E-11	1.0E+06	4.4E-05
304	0.43087	2.86E-06	1.2E-06	1.05E-03	1.29E-09	2.27E-01	1.57E-01	4.60E-11	1.0E+06	4.6E-05
305	0.44819	2.86E-06	1.3E-06	1.05E-03	1.34E-09	2.27E-01	1.57E-01	4.78E-11	1.0E+06	4.8E-05
306	0.46636	2.86E-06	1.3E-06	1.05E-03	1.39E-09	2.27E-01	1.57E-01	4.98E-11	1.0E+06	5.0E-05
307	0.48539	2.86E-06	1.4E-06	1.05E-03	1.45E-09	2.27E-01	1.57E-01	5.18E-11	1.0E+06	5.2E-05
308	0.21431	2.86E-06	6.1E-07	1.05E-03	6.40E-10	2.27E-01	1.57E-01	2.29E-11	1.0E+06	2.3E-05
309	0.22046	2.86E-06	6.3E-07	1.05E-03	6.58E-10	2.27E-01	1.57E-01	2.35E-11	1.0E+06	2.4E-05

Berkley WTPF

Haul3 Unmitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
310	0.22717	2.86E-06	6.5E-07	1.05E-03	6.78E-10	2.27E-01	1.57E-01	2.42E-11	1.0E+06	2.4E-05
311	0.23423	2.86E-06	6.7E-07	1.05E-03	6.99E-10	2.27E-01	1.57E-01	2.50E-11	1.0E+06	2.5E-05
312	0.24164	2.86E-06	6.9E-07	1.05E-03	7.21E-10	2.27E-01	1.57E-01	2.58E-11	1.0E+06	2.6E-05
313	0.24944	2.86E-06	7.1E-07	1.05E-03	7.45E-10	2.27E-01	1.57E-01	2.66E-11	1.0E+06	2.7E-05
314	0.25764	2.86E-06	7.4E-07	1.05E-03	7.69E-10	2.27E-01	1.57E-01	2.75E-11	1.0E+06	2.7E-05
315	0.26627	2.86E-06	7.6E-07	1.05E-03	7.95E-10	2.27E-01	1.57E-01	2.84E-11	1.0E+06	2.8E-05
316	0.27535	2.86E-06	7.9E-07	1.05E-03	8.22E-10	2.27E-01	1.57E-01	2.94E-11	1.0E+06	2.9E-05
317	0.2849	2.86E-06	8.1E-07	1.05E-03	8.51E-10	2.27E-01	1.57E-01	3.04E-11	1.0E+06	3.0E-05
318	0.29495	2.86E-06	8.4E-07	1.05E-03	8.81E-10	2.27E-01	1.57E-01	3.15E-11	1.0E+06	3.1E-05
319	0.30552	2.86E-06	8.7E-07	1.05E-03	9.12E-10	2.27E-01	1.57E-01	3.26E-11	1.0E+06	3.3E-05
320	0.31665	2.86E-06	9.0E-07	1.05E-03	9.45E-10	2.27E-01	1.57E-01	3.38E-11	1.0E+06	3.4E-05
321	0.32836	2.86E-06	9.4E-07	1.05E-03	9.80E-10	2.27E-01	1.57E-01	3.50E-11	1.0E+06	3.5E-05
322	0.34069	2.86E-06	9.7E-07	1.05E-03	1.02E-09	2.27E-01	1.57E-01	3.63E-11	1.0E+06	3.6E-05
323	0.38174	2.86E-06	1.1E-06	1.05E-03	1.14E-09	2.27E-01	1.57E-01	4.07E-11	1.0E+06	4.1E-05
324	0.39689	2.86E-06	1.1E-06	1.05E-03	1.18E-09	2.27E-01	1.57E-01	4.23E-11	1.0E+06	4.2E-05
325	0.41284	2.86E-06	1.2E-06	1.05E-03	1.23E-09	2.27E-01	1.57E-01	4.40E-11	1.0E+06	4.4E-05
326	0.42963	2.86E-06	1.2E-06	1.05E-03	1.28E-09	2.27E-01	1.57E-01	4.58E-11	1.0E+06	4.6E-05
327	0.44728	2.86E-06	1.3E-06	1.05E-03	1.34E-09	2.27E-01	1.57E-01	4.77E-11	1.0E+06	4.8E-05
328	0.46584	2.86E-06	1.3E-06	1.05E-03	1.39E-09	2.27E-01	1.57E-01	4.97E-11	1.0E+06	5.0E-05
329	0.48534	2.86E-06	1.4E-06	1.05E-03	1.45E-09	2.27E-01	1.57E-01	5.18E-11	1.0E+06	5.2E-05
330	0.21259	2.86E-06	6.1E-07	1.05E-03	6.35E-10	2.27E-01	1.57E-01	2.27E-11	1.0E+06	2.3E-05
331	0.21865	2.86E-06	6.2E-07	1.05E-03	6.53E-10	2.27E-01	1.57E-01	2.33E-11	1.0E+06	2.3E-05
332	0.22525	2.86E-06	6.4E-07	1.05E-03	6.72E-10	2.27E-01	1.57E-01	2.40E-11	1.0E+06	2.4E-05
333	0.23221	2.86E-06	6.6E-07	1.05E-03	6.93E-10	2.27E-01	1.57E-01	2.48E-11	1.0E+06	2.5E-05
334	0.23952	2.86E-06	6.8E-07	1.05E-03	7.15E-10	2.27E-01	1.57E-01	2.56E-11	1.0E+06	2.6E-05
335	0.24722	2.86E-06	7.1E-07	1.05E-03	7.38E-10	2.27E-01	1.57E-01	2.64E-11	1.0E+06	2.6E-05
336	0.25533	2.86E-06	7.3E-07	1.05E-03	7.62E-10	2.27E-01	1.57E-01	2.72E-11	1.0E+06	2.7E-05
337	0.26388	2.86E-06	7.5E-07	1.05E-03	7.88E-10	2.27E-01	1.57E-01	2.82E-11	1.0E+06	2.8E-05
338	0.27288	2.86E-06	7.8E-07	1.05E-03	8.15E-10	2.27E-01	1.57E-01	2.91E-11	1.0E+06	2.9E-05
339	0.28237	2.86E-06	8.1E-07	1.05E-03	8.43E-10	2.27E-01	1.57E-01	3.01E-11	1.0E+06	3.0E-05
340	0.29237	2.86E-06	8.4E-07	1.05E-03	8.73E-10	2.27E-01	1.57E-01	3.12E-11	1.0E+06	3.1E-05

Berkley WTPF

Haul3 Unmitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
341	0.3029	2.86E-06	8.7E-07	1.05E-03	9.04E-10	2.27E-01	1.57E-01	3.23E-11	1.0E+06	3.2E-05
342	0.31401	2.86E-06	9.0E-07	1.05E-03	9.37E-10	2.27E-01	1.57E-01	3.35E-11	1.0E+06	3.3E-05
343	0.32573	2.86E-06	9.3E-07	1.05E-03	9.72E-10	2.27E-01	1.57E-01	3.47E-11	1.0E+06	3.5E-05
344	0.33807	2.86E-06	9.7E-07	1.05E-03	1.01E-09	2.27E-01	1.57E-01	3.61E-11	1.0E+06	3.6E-05
345	0.3511	2.86E-06	1.0E-06	1.05E-03	1.05E-09	2.27E-01	1.57E-01	3.75E-11	1.0E+06	3.7E-05
346	0.36483	2.86E-06	1.0E-06	1.05E-03	1.09E-09	2.27E-01	1.57E-01	3.89E-11	1.0E+06	3.9E-05
347	0.37932	2.86E-06	1.1E-06	1.05E-03	1.13E-09	2.27E-01	1.57E-01	4.05E-11	1.0E+06	4.0E-05
348	0.3946	2.86E-06	1.1E-06	1.05E-03	1.18E-09	2.27E-01	1.57E-01	4.21E-11	1.0E+06	4.2E-05
349	0.41072	2.86E-06	1.2E-06	1.05E-03	1.23E-09	2.27E-01	1.57E-01	4.38E-11	1.0E+06	4.4E-05
350	0.42773	2.86E-06	1.2E-06	1.05E-03	1.28E-09	2.27E-01	1.57E-01	4.56E-11	1.0E+06	4.6E-05
351	0.44613	2.86E-06	1.3E-06	1.05E-03	1.33E-09	2.27E-01	1.57E-01	4.76E-11	1.0E+06	4.8E-05
352	0.46535	2.86E-06	1.3E-06	1.05E-03	1.39E-09	2.27E-01	1.57E-01	4.96E-11	1.0E+06	5.0E-05
353	0.21087	2.86E-06	6.0E-07	1.05E-03	6.30E-10	2.27E-01	1.57E-01	2.25E-11	1.0E+06	2.2E-05
354	0.21682	2.86E-06	6.2E-07	1.05E-03	6.47E-10	2.27E-01	1.57E-01	2.31E-11	1.0E+06	2.3E-05
355	0.22331	2.86E-06	6.4E-07	1.05E-03	6.67E-10	2.27E-01	1.57E-01	2.38E-11	1.0E+06	2.4E-05
356	0.23015	2.86E-06	6.6E-07	1.05E-03	6.87E-10	2.27E-01	1.57E-01	2.46E-11	1.0E+06	2.5E-05
357	0.23735	2.86E-06	6.8E-07	1.05E-03	7.09E-10	2.27E-01	1.57E-01	2.53E-11	1.0E+06	2.5E-05
358	0.24494	2.86E-06	7.0E-07	1.05E-03	7.31E-10	2.27E-01	1.57E-01	2.61E-11	1.0E+06	2.6E-05
359	0.25294	2.86E-06	7.2E-07	1.05E-03	7.55E-10	2.27E-01	1.57E-01	2.70E-11	1.0E+06	2.7E-05
360	0.26137	2.86E-06	7.5E-07	1.05E-03	7.80E-10	2.27E-01	1.57E-01	2.79E-11	1.0E+06	2.8E-05
361	0.27028	2.86E-06	7.7E-07	1.05E-03	8.07E-10	2.27E-01	1.57E-01	2.88E-11	1.0E+06	2.9E-05
362	0.27967	2.86E-06	8.0E-07	1.05E-03	8.35E-10	2.27E-01	1.57E-01	2.98E-11	1.0E+06	3.0E-05
363	0.28958	2.86E-06	8.3E-07	1.05E-03	8.65E-10	2.27E-01	1.57E-01	3.09E-11	1.0E+06	3.1E-05
364	0.30005	2.86E-06	8.6E-07	1.05E-03	8.96E-10	2.27E-01	1.57E-01	3.20E-11	1.0E+06	3.2E-05
365	0.3111	2.86E-06	8.9E-07	1.05E-03	9.29E-10	2.27E-01	1.57E-01	3.32E-11	1.0E+06	3.3E-05
366	0.32277	2.86E-06	9.2E-07	1.05E-03	9.64E-10	2.27E-01	1.57E-01	3.44E-11	1.0E+06	3.4E-05
367	0.3351	2.86E-06	9.6E-07	1.05E-03	1.00E-09	2.27E-01	1.57E-01	3.57E-11	1.0E+06	3.6E-05
368	0.34813	2.86E-06	9.9E-07	1.05E-03	1.04E-09	2.27E-01	1.57E-01	3.71E-11	1.0E+06	3.7E-05
369	0.3619	2.86E-06	1.0E-06	1.05E-03	1.08E-09	2.27E-01	1.57E-01	3.86E-11	1.0E+06	3.9E-05
370	0.3765	2.86E-06	1.1E-06	1.05E-03	1.12E-09	2.27E-01	1.57E-01	4.02E-11	1.0E+06	4.0E-05
371	0.39193	2.86E-06	1.1E-06	1.05E-03	1.17E-09	2.27E-01	1.57E-01	4.18E-11	1.0E+06	4.2E-05

Berkley WTPF

Haul3 Unmitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
372	0.40821	2.86E-06	1.2E-06	1.05E-03	1.22E-09	2.27E-01	1.57E-01	4.35E-11	1.0E+06	4.4E-05
373	0.21499	2.86E-06	6.1E-07	1.05E-03	6.42E-10	2.27E-01	1.57E-01	2.29E-11	1.0E+06	2.3E-05
374	0.22137	2.86E-06	6.3E-07	1.05E-03	6.61E-10	2.27E-01	1.57E-01	2.36E-11	1.0E+06	2.4E-05
375	0.22808	2.86E-06	6.5E-07	1.05E-03	6.81E-10	2.27E-01	1.57E-01	2.43E-11	1.0E+06	2.4E-05
376	0.23516	2.86E-06	6.7E-07	1.05E-03	7.02E-10	2.27E-01	1.57E-01	2.51E-11	1.0E+06	2.5E-05
377	0.24262	2.86E-06	6.9E-07	1.05E-03	7.24E-10	2.27E-01	1.57E-01	2.59E-11	1.0E+06	2.6E-05
378	0.25049	2.86E-06	7.2E-07	1.05E-03	7.48E-10	2.27E-01	1.57E-01	2.67E-11	1.0E+06	2.7E-05
379	0.2588	2.86E-06	7.4E-07	1.05E-03	7.73E-10	2.27E-01	1.57E-01	2.76E-11	1.0E+06	2.8E-05
380	0.26757	2.86E-06	7.6E-07	1.05E-03	7.99E-10	2.27E-01	1.57E-01	2.85E-11	1.0E+06	2.9E-05
381	0.27684	2.86E-06	7.9E-07	1.05E-03	8.26E-10	2.27E-01	1.57E-01	2.95E-11	1.0E+06	3.0E-05
382	0.28664	2.86E-06	8.2E-07	1.05E-03	8.56E-10	2.27E-01	1.57E-01	3.06E-11	1.0E+06	3.1E-05
383	0.297	2.86E-06	8.5E-07	1.05E-03	8.87E-10	2.27E-01	1.57E-01	3.17E-11	1.0E+06	3.2E-05
384	0.30796	2.86E-06	8.8E-07	1.05E-03	9.19E-10	2.27E-01	1.57E-01	3.29E-11	1.0E+06	3.3E-05
385	0.31956	2.86E-06	9.1E-07	1.05E-03	9.54E-10	2.27E-01	1.57E-01	3.41E-11	1.0E+06	3.4E-05
386	0.33182	2.86E-06	9.5E-07	1.05E-03	9.91E-10	2.27E-01	1.57E-01	3.54E-11	1.0E+06	3.5E-05
387	0.3448	2.86E-06	9.8E-07	1.05E-03	1.03E-09	2.27E-01	1.57E-01	3.68E-11	1.0E+06	3.7E-05
388	0.35884	2.86E-06	1.0E-06	1.05E-03	1.07E-09	2.27E-01	1.57E-01	3.83E-11	1.0E+06	3.8E-05
389	0.21341	2.86E-06	6.1E-07	1.05E-03	6.37E-10	2.27E-01	1.57E-01	2.28E-11	1.0E+06	2.3E-05
390	0.21968	2.86E-06	6.3E-07	1.05E-03	6.56E-10	2.27E-01	1.57E-01	2.34E-11	1.0E+06	2.3E-05
391	0.22613	2.86E-06	6.5E-07	1.05E-03	6.75E-10	2.27E-01	1.57E-01	2.41E-11	1.0E+06	2.4E-05
392	0.23297	2.86E-06	6.7E-07	1.05E-03	6.96E-10	2.27E-01	1.57E-01	2.49E-11	1.0E+06	2.5E-05
393	0.2403	2.86E-06	6.9E-07	1.05E-03	7.17E-10	2.27E-01	1.57E-01	2.56E-11	1.0E+06	2.6E-05
394	0.24802	2.86E-06	7.1E-07	1.05E-03	7.40E-10	2.27E-01	1.57E-01	2.65E-11	1.0E+06	2.6E-05
395	0.25619	2.86E-06	7.3E-07	1.05E-03	7.65E-10	2.27E-01	1.57E-01	2.73E-11	1.0E+06	2.7E-05
396	0.26482	2.86E-06	7.6E-07	1.05E-03	7.91E-10	2.27E-01	1.57E-01	2.83E-11	1.0E+06	2.8E-05
397	0.27394	2.86E-06	7.8E-07	1.05E-03	8.18E-10	2.27E-01	1.57E-01	2.92E-11	1.0E+06	2.9E-05
398	0.2836	2.86E-06	8.1E-07	1.05E-03	8.47E-10	2.27E-01	1.57E-01	3.03E-11	1.0E+06	3.0E-05
399	0.29382	2.86E-06	8.4E-07	1.05E-03	8.77E-10	2.27E-01	1.57E-01	3.13E-11	1.0E+06	3.1E-05
400	0.30465	2.86E-06	8.7E-07	1.05E-03	9.10E-10	2.27E-01	1.57E-01	3.25E-11	1.0E+06	3.3E-05
401	0.31613	2.86E-06	9.0E-07	1.05E-03	9.44E-10	2.27E-01	1.57E-01	3.37E-11	1.0E+06	3.4E-05
402	0.32829	2.86E-06	9.4E-07	1.05E-03	9.80E-10	2.27E-01	1.57E-01	3.50E-11	1.0E+06	3.5E-05

Berkley WTPF

Haul3 Unmitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
403	0.34118	2.86E-06	9.7E-07	1.05E-03	1.02E-09	2.27E-01	1.57E-01	3.64E-11	1.0E+06	3.6E-05
404	0.21816	2.86E-06	6.2E-07	1.05E-03	6.51E-10	2.27E-01	1.57E-01	2.33E-11	1.0E+06	2.3E-05
405	0.2243	2.86E-06	6.4E-07	1.05E-03	6.70E-10	2.27E-01	1.57E-01	2.39E-11	1.0E+06	2.4E-05
406	0.23086	2.86E-06	6.6E-07	1.05E-03	6.89E-10	2.27E-01	1.57E-01	2.46E-11	1.0E+06	2.5E-05
407	0.23799	2.86E-06	6.8E-07	1.05E-03	7.10E-10	2.27E-01	1.57E-01	2.54E-11	1.0E+06	2.5E-05
408	0.24557	2.86E-06	7.0E-07	1.05E-03	7.33E-10	2.27E-01	1.57E-01	2.62E-11	1.0E+06	2.6E-05
409	0.25358	2.86E-06	7.2E-07	1.05E-03	7.57E-10	2.27E-01	1.57E-01	2.71E-11	1.0E+06	2.7E-05
410	0.26204	2.86E-06	7.5E-07	1.05E-03	7.82E-10	2.27E-01	1.57E-01	2.80E-11	1.0E+06	2.8E-05
411	0.27101	2.86E-06	7.7E-07	1.05E-03	8.09E-10	2.27E-01	1.57E-01	2.89E-11	1.0E+06	2.9E-05
412	0.2805	2.86E-06	8.0E-07	1.05E-03	8.37E-10	2.27E-01	1.57E-01	2.99E-11	1.0E+06	3.0E-05
413	0.29056	2.86E-06	8.3E-07	1.05E-03	8.67E-10	2.27E-01	1.57E-01	3.10E-11	1.0E+06	3.1E-05
414	0.30122	2.86E-06	8.6E-07	1.05E-03	8.99E-10	2.27E-01	1.57E-01	3.21E-11	1.0E+06	3.2E-05
415	0.31254	2.86E-06	8.9E-07	1.05E-03	9.33E-10	2.27E-01	1.57E-01	3.33E-11	1.0E+06	3.3E-05
416	0.32456	2.86E-06	9.3E-07	1.05E-03	9.69E-10	2.27E-01	1.57E-01	3.46E-11	1.0E+06	3.5E-05
417	0.33736	2.86E-06	9.6E-07	1.05E-03	1.01E-09	2.27E-01	1.57E-01	3.60E-11	1.0E+06	3.6E-05
418	0.22933	2.86E-06	6.6E-07	1.05E-03	6.85E-10	2.27E-01	1.57E-01	2.45E-11	1.0E+06	2.4E-05
419	0.23577	2.86E-06	6.7E-07	1.05E-03	7.04E-10	2.27E-01	1.57E-01	2.52E-11	1.0E+06	2.5E-05
420	0.24315	2.86E-06	6.9E-07	1.05E-03	7.26E-10	2.27E-01	1.57E-01	2.59E-11	1.0E+06	2.6E-05
421	0.25099	2.86E-06	7.2E-07	1.05E-03	7.49E-10	2.27E-01	1.57E-01	2.68E-11	1.0E+06	2.7E-05
422	0.25929	2.86E-06	7.4E-07	1.05E-03	7.74E-10	2.27E-01	1.57E-01	2.77E-11	1.0E+06	2.8E-05
423	0.26807	2.86E-06	7.7E-07	1.05E-03	8.00E-10	2.27E-01	1.57E-01	2.86E-11	1.0E+06	2.9E-05
424	0.27738	2.86E-06	7.9E-07	1.05E-03	8.28E-10	2.27E-01	1.57E-01	2.96E-11	1.0E+06	3.0E-05
425	0.28725	2.86E-06	8.2E-07	1.05E-03	8.58E-10	2.27E-01	1.57E-01	3.06E-11	1.0E+06	3.1E-05
426	0.29773	2.86E-06	8.5E-07	1.05E-03	8.89E-10	2.27E-01	1.57E-01	3.18E-11	1.0E+06	3.2E-05
427	0.30887	2.86E-06	8.8E-07	1.05E-03	9.22E-10	2.27E-01	1.57E-01	3.30E-11	1.0E+06	3.3E-05
428	0.3207	2.86E-06	9.2E-07	1.05E-03	9.57E-10	2.27E-01	1.57E-01	3.42E-11	1.0E+06	3.4E-05
429	0.33383	2.86E-06	9.5E-07	1.05E-03	9.97E-10	2.27E-01	1.57E-01	3.56E-11	1.0E+06	3.6E-05
430	0.26562	2.86E-06	7.6E-07	1.05E-03	7.93E-10	2.27E-01	1.57E-01	2.83E-11	1.0E+06	2.8E-05
431	0.27463	2.86E-06	7.8E-07	1.05E-03	8.20E-10	2.27E-01	1.57E-01	2.93E-11	1.0E+06	2.9E-05
432	0.28432	2.86E-06	8.1E-07	1.05E-03	8.49E-10	2.27E-01	1.57E-01	3.03E-11	1.0E+06	3.0E-05
433	0.29439	2.86E-06	8.4E-07	1.05E-03	8.79E-10	2.27E-01	1.57E-01	3.14E-11	1.0E+06	3.1E-05

Berkley WTPF

Haul3 Unmitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
434	0.30515	2.86E-06	8.7E-07	1.05E-03	9.11E-10	2.27E-01	1.57E-01	3.26E-11	1.0E+06	3.3E-05
435	0.31677	2.86E-06	9.0E-07	1.05E-03	9.46E-10	2.27E-01	1.57E-01	3.38E-11	1.0E+06	3.4E-05

Berkley WTPF
Haul3 Unmitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
		Residence	
1	5	1.62E-07	1.62E-07
2	5	1.66E-07	1.66E-07
3	5	1.70E-07	1.70E-07
4	5	1.74E-07	1.74E-07
5	5	1.79E-07	1.79E-07
6	5	1.83E-07	1.83E-07
7	5	1.88E-07	1.88E-07
8	5	1.92E-07	1.92E-07
9	5	1.59E-07	1.59E-07
10	5	1.63E-07	1.63E-07
11	5	1.67E-07	1.67E-07
12	5	1.71E-07	1.71E-07
13	5	1.75E-07	1.75E-07
14	5	1.80E-07	1.80E-07
15	5	1.84E-07	1.84E-07
16	5	1.89E-07	1.89E-07
17	5	1.94E-07	1.94E-07
18	5	1.99E-07	1.99E-07
19	5	2.04E-07	2.04E-07
20	5	2.09E-07	2.09E-07
21	5	1.59E-07	1.59E-07
22	5	1.63E-07	1.63E-07
23	5	1.67E-07	1.67E-07
24	5	1.72E-07	1.72E-07
25	5	1.76E-07	1.76E-07
26	5	1.81E-07	1.81E-07
27	5	1.86E-07	1.86E-07
28	5	1.91E-07	1.91E-07
29	5	1.96E-07	1.96E-07
30	5	2.01E-07	2.01E-07

Max	Receptor #	
3.051E-07	210	Res
6.223E-08	527	Park
3.673E-07	210	Total

Berkley WTPF
Haul3 Unmitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
31	5	2.06E-07	2.06E-07
32	5	2.11E-07	2.11E-07
33	5	2.17E-07	2.17E-07
34	5	2.22E-07	2.22E-07
35	5	2.28E-07	2.28E-07
36	5	2.34E-07	2.34E-07
37	5	1.59E-07	1.59E-07
38	5	1.63E-07	1.63E-07
39	5	1.68E-07	1.68E-07
40	5	1.73E-07	1.73E-07
41	5	1.77E-07	1.77E-07
42	5	1.82E-07	1.82E-07
43	5	1.87E-07	1.87E-07
44	5	1.92E-07	1.92E-07
45	5	1.97E-07	1.97E-07
46	5	2.02E-07	2.02E-07
47	5	2.08E-07	2.08E-07
48	5	2.13E-07	2.13E-07
49	5	2.19E-07	2.19E-07
50	5	2.25E-07	2.25E-07
51	5	2.31E-07	2.31E-07
52	5	2.37E-07	2.37E-07
53	5	2.44E-07	2.44E-07
54	5	2.51E-07	2.51E-07
55	5	2.58E-07	2.58E-07
56	5	1.55E-07	1.55E-07
57	5	1.59E-07	1.59E-07
58	5	1.64E-07	1.64E-07
59	5	1.68E-07	1.68E-07
60	5	1.73E-07	1.73E-07
61	5	1.78E-07	1.78E-07

Berkley WTPF
Haul3 Unmitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
62	5	1.83E-07	1.83E-07
63	5	1.88E-07	1.88E-07
64	5	1.93E-07	1.93E-07
65	5	1.99E-07	1.99E-07
66	5	2.04E-07	2.04E-07
67	5	2.10E-07	2.10E-07
68	5	2.16E-07	2.16E-07
69	5	2.21E-07	2.21E-07
70	5	2.28E-07	2.28E-07
71	5	2.34E-07	2.34E-07
72	5	2.40E-07	2.40E-07
73	5	2.47E-07	2.47E-07
74	5	2.54E-07	2.54E-07
75	5	2.61E-07	2.61E-07
76	5	1.55E-07	1.55E-07
77	5	1.59E-07	1.59E-07
78	5	1.64E-07	1.64E-07
79	5	1.69E-07	1.69E-07
80	5	1.74E-07	1.74E-07
81	5	1.79E-07	1.79E-07
82	5	1.84E-07	1.84E-07
83	5	1.89E-07	1.89E-07
84	5	1.94E-07	1.94E-07
85	5	2.00E-07	2.00E-07
86	5	2.06E-07	2.06E-07
87	5	2.12E-07	2.12E-07
88	5	2.18E-07	2.18E-07
89	5	2.24E-07	2.24E-07
90	5	2.30E-07	2.30E-07
91	5	2.37E-07	2.37E-07
92	5	2.43E-07	2.43E-07

Berkley WTPF
Haul3 Unmitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
93	5	2.50E-07	2.50E-07
94	5	2.58E-07	2.58E-07
95	5	2.65E-07	2.65E-07
96	5	2.73E-07	2.73E-07
97	5	2.81E-07	2.81E-07
98	5	1.55E-07	1.55E-07
99	5	1.59E-07	1.59E-07
100	5	1.64E-07	1.64E-07
101	5	1.69E-07	1.69E-07
102	5	1.74E-07	1.74E-07
103	5	1.79E-07	1.79E-07
104	5	1.84E-07	1.84E-07
105	5	1.90E-07	1.90E-07
106	5	1.95E-07	1.95E-07
107	5	2.01E-07	2.01E-07
108	5	2.07E-07	2.07E-07
109	5	2.13E-07	2.13E-07
110	5	2.19E-07	2.19E-07
111	5	2.26E-07	2.26E-07
112	5	2.32E-07	2.32E-07
113	5	2.39E-07	2.39E-07
114	5	2.46E-07	2.46E-07
115	5	2.54E-07	2.54E-07
116	5	2.61E-07	2.61E-07
117	5	2.69E-07	2.69E-07
118	5	2.77E-07	2.77E-07
119	5	2.86E-07	2.86E-07
120	5	2.95E-07	2.95E-07
121	5	1.51E-07	1.51E-07
122	5	1.55E-07	1.55E-07
123	5	1.59E-07	1.59E-07

Berkley WTPF
Haul3 Unmitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
124	5	1.64E-07	1.64E-07
125	5	1.69E-07	1.69E-07
126	5	1.74E-07	1.74E-07
127	5	1.79E-07	1.79E-07
128	5	1.85E-07	1.85E-07
129	5	1.91E-07	1.91E-07
130	5	1.96E-07	1.96E-07
131	5	2.02E-07	2.02E-07
132	5	2.08E-07	2.08E-07
133	5	2.15E-07	2.15E-07
134	5	2.21E-07	2.21E-07
135	5	2.28E-07	2.28E-07
136	5	2.35E-07	2.35E-07
137	5	2.42E-07	2.42E-07
138	5	2.49E-07	2.49E-07
139	5	2.57E-07	2.57E-07
140	5	2.65E-07	2.65E-07
141	5	2.73E-07	2.73E-07
142	5	2.81E-07	2.81E-07
143	5	2.90E-07	2.90E-07
144	5	3.00E-07	3.00E-07
145	5	1.50E-07	1.50E-07
146	5	1.55E-07	1.55E-07
147	5	1.59E-07	1.59E-07
148	5	1.64E-07	1.64E-07
149	5	1.69E-07	1.69E-07
150	5	1.74E-07	1.74E-07
151	5	1.80E-07	1.80E-07
152	5	1.85E-07	1.85E-07
153	5	1.91E-07	1.91E-07
154	5	1.97E-07	1.97E-07

Berkley WTPF
Haul3 Unmitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
155	5	2.03E-07	2.03E-07
156	5	2.10E-07	2.10E-07
157	5	2.16E-07	2.16E-07
158	5	2.23E-07	2.23E-07
159	5	2.30E-07	2.30E-07
160	5	2.37E-07	2.37E-07
161	5	2.44E-07	2.44E-07
162	5	2.52E-07	2.52E-07
163	5	2.60E-07	2.60E-07
164	5	2.68E-07	2.68E-07
165	5	2.77E-07	2.77E-07
166	5	2.85E-07	2.85E-07
167	5	2.95E-07	2.95E-07
168	5	1.50E-07	1.50E-07
169	5	1.54E-07	1.54E-07
170	5	1.59E-07	1.59E-07
171	5	1.64E-07	1.64E-07
172	5	1.69E-07	1.69E-07
173	5	1.74E-07	1.74E-07
174	5	1.80E-07	1.80E-07
175	5	1.86E-07	1.86E-07
176	5	1.92E-07	1.92E-07
177	5	1.98E-07	1.98E-07
178	5	2.04E-07	2.04E-07
179	5	2.11E-07	2.11E-07
180	5	2.17E-07	2.17E-07
181	5	2.24E-07	2.24E-07
182	5	2.32E-07	2.32E-07
183	5	2.39E-07	2.39E-07
184	5	2.47E-07	2.47E-07
185	5	2.55E-07	2.55E-07

Berkley WTPF
Haul3 Unmitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
186	5	2.63E-07	2.63E-07
187	5	2.71E-07	2.71E-07
188	5	2.80E-07	2.80E-07
189	5	2.89E-07	2.89E-07
190	5	3.00E-07	3.00E-07
191	5	1.50E-07	1.50E-07
192	5	1.54E-07	1.54E-07
193	5	1.59E-07	1.59E-07
194	5	1.64E-07	1.64E-07
195	5	1.69E-07	1.69E-07
196	5	1.74E-07	1.74E-07
197	5	1.80E-07	1.80E-07
198	5	1.86E-07	1.86E-07
199	5	1.92E-07	1.92E-07
200	5	1.98E-07	1.98E-07
201	5	2.26E-07	2.26E-07
202	5	2.33E-07	2.33E-07
203	5	2.41E-07	2.41E-07
204	5	2.49E-07	2.49E-07
205	5	2.57E-07	2.57E-07
206	5	2.66E-07	2.66E-07
207	5	2.75E-07	2.75E-07
208	5	2.84E-07	2.84E-07
209	5	2.93E-07	2.93E-07
210	5	3.05E-07	3.05E-07
211	5	1.49E-07	1.49E-07
212	5	1.53E-07	1.53E-07
213	5	1.58E-07	1.58E-07
214	5	1.63E-07	1.63E-07
215	5	1.69E-07	1.69E-07
216	5	1.74E-07	1.74E-07

Berkley WTPF
Haul3 Unmitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
217	5	1.80E-07	1.80E-07
218	5	1.86E-07	1.86E-07
219	5	1.92E-07	1.92E-07
220	5	2.43E-07	2.43E-07
221	5	2.51E-07	2.51E-07
222	5	2.59E-07	2.59E-07
223	5	2.68E-07	2.68E-07
224	5	2.78E-07	2.78E-07
225	5	2.87E-07	2.87E-07
226	5	2.97E-07	2.97E-07
227	5	1.44E-07	1.44E-07
228	5	1.48E-07	1.48E-07
229	5	1.53E-07	1.53E-07
230	5	1.58E-07	1.58E-07
231	5	1.63E-07	1.63E-07
232	5	1.68E-07	1.68E-07
233	5	1.74E-07	1.74E-07
234	5	1.80E-07	1.80E-07
235	5	1.86E-07	1.86E-07
236	5	1.92E-07	1.92E-07
237	5	2.36E-07	2.36E-07
238	5	2.44E-07	2.44E-07
239	5	2.53E-07	2.53E-07
240	5	2.61E-07	2.61E-07
241	5	2.71E-07	2.71E-07
242	5	2.80E-07	2.80E-07
243	5	2.91E-07	2.91E-07
244	5	3.02E-07	3.02E-07
245	5	1.52E-07	1.52E-07
246	5	1.57E-07	1.57E-07
247	5	1.62E-07	1.62E-07

Berkley WTPF
Haul3 Unmitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
248	5	1.68E-07	1.68E-07
249	5	1.73E-07	1.73E-07
250	5	1.79E-07	1.79E-07
251	5	1.85E-07	1.85E-07
252	5	1.92E-07	1.92E-07
253	5	2.37E-07	2.37E-07
254	5	2.45E-07	2.45E-07
255	5	2.54E-07	2.54E-07
256	5	2.63E-07	2.63E-07
257	5	2.73E-07	2.73E-07
258	5	2.83E-07	2.83E-07
259	5	2.94E-07	2.94E-07
260	5	1.79E-07	1.79E-07
261	5	1.85E-07	1.85E-07
262	5	2.29E-07	2.29E-07
263	5	2.37E-07	2.37E-07
264	5	2.46E-07	2.46E-07
265	5	2.55E-07	2.55E-07
266	5	2.65E-07	2.65E-07
267	5	2.75E-07	2.75E-07
268	5	2.85E-07	2.85E-07
269	5	2.97E-07	2.97E-07
270	5	2.29E-07	2.29E-07
271	5	2.37E-07	2.37E-07
272	5	2.46E-07	2.46E-07
273	5	2.56E-07	2.56E-07
274	5	2.66E-07	2.66E-07
275	5	2.76E-07	2.76E-07
276	5	2.87E-07	2.87E-07
277	5	1.28E-07	1.28E-07
278	5	1.32E-07	1.32E-07

Berkley WTPF
Haul3 Unmitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
279	5	1.36E-07	1.36E-07
280	5	1.40E-07	1.40E-07
281	5	1.45E-07	1.45E-07
282	5	2.20E-07	2.20E-07
283	5	2.28E-07	2.28E-07
284	5	2.37E-07	2.37E-07
285	5	2.46E-07	2.46E-07
286	5	2.56E-07	2.56E-07
287	5	2.66E-07	2.66E-07
288	5	2.77E-07	2.77E-07
289	5	2.89E-07	2.89E-07
290	5	1.23E-07	1.23E-07
291	5	1.27E-07	1.27E-07
292	5	1.31E-07	1.31E-07
293	5	1.35E-07	1.35E-07
294	5	1.39E-07	1.39E-07
295	5	1.44E-07	1.44E-07
296	5	1.48E-07	1.48E-07
297	5	1.53E-07	1.53E-07
298	5	1.59E-07	1.59E-07
299	5	1.64E-07	1.64E-07
300	5	1.70E-07	1.70E-07
301	5	2.19E-07	2.19E-07
302	5	2.28E-07	2.28E-07
303	5	2.37E-07	2.37E-07
304	5	2.46E-07	2.46E-07
305	5	2.56E-07	2.56E-07
306	5	2.66E-07	2.66E-07
307	5	2.77E-07	2.77E-07
308	5	1.22E-07	1.22E-07
309	5	1.26E-07	1.26E-07

Berkley WTPF
Haul3 Unmitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
310	5	1.30E-07	1.30E-07
311	5	1.34E-07	1.34E-07
312	5	1.38E-07	1.38E-07
313	5	1.42E-07	1.42E-07
314	5	1.47E-07	1.47E-07
315	5	1.52E-07	1.52E-07
316	5	1.57E-07	1.57E-07
317	5	1.63E-07	1.63E-07
318	5	1.68E-07	1.68E-07
319	5	1.75E-07	1.75E-07
320	5	1.81E-07	1.81E-07
321	5	1.88E-07	1.88E-07
322	5	1.95E-07	1.95E-07
323	5	2.18E-07	2.18E-07
324	5	2.27E-07	2.27E-07
325	5	2.36E-07	2.36E-07
326	5	2.45E-07	2.45E-07
327	5	2.56E-07	2.56E-07
328	5	2.66E-07	2.66E-07
329	5	2.77E-07	2.77E-07
330	5	1.21E-07	1.21E-07
331	5	1.25E-07	1.25E-07
332	5	1.29E-07	1.29E-07
333	5	1.33E-07	1.33E-07
334	5	1.37E-07	1.37E-07
335	5	1.41E-07	1.41E-07
336	5	1.46E-07	1.46E-07
337	5	1.51E-07	1.51E-07
338	5	1.56E-07	1.56E-07
339	5	1.61E-07	1.61E-07
340	5	1.67E-07	1.67E-07

Berkley WTPF
Haul3 Unmitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
341	5	1.73E-07	1.73E-07
342	5	1.79E-07	1.79E-07
343	5	1.86E-07	1.86E-07
344	5	1.93E-07	1.93E-07
345	5	2.01E-07	2.01E-07
346	5	2.08E-07	2.08E-07
347	5	2.17E-07	2.17E-07
348	5	2.25E-07	2.25E-07
349	5	2.35E-07	2.35E-07
350	5	2.44E-07	2.44E-07
351	5	2.55E-07	2.55E-07
352	5	2.66E-07	2.66E-07
353	5	1.20E-07	1.20E-07
354	5	1.24E-07	1.24E-07
355	5	1.28E-07	1.28E-07
356	5	1.31E-07	1.31E-07
357	5	1.36E-07	1.36E-07
358	5	1.40E-07	1.40E-07
359	5	1.44E-07	1.44E-07
360	5	1.49E-07	1.49E-07
361	5	1.54E-07	1.54E-07
362	5	1.60E-07	1.60E-07
363	5	1.65E-07	1.65E-07
364	5	1.71E-07	1.71E-07
365	5	1.78E-07	1.78E-07
366	5	1.84E-07	1.84E-07
367	5	1.91E-07	1.91E-07
368	5	1.99E-07	1.99E-07
369	5	2.07E-07	2.07E-07
370	5	2.15E-07	2.15E-07
371	5	2.24E-07	2.24E-07

Berkley WTPF
Haul3 Unmitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
372	5	2.33E-07	2.33E-07
373	5	1.23E-07	1.23E-07
374	5	1.26E-07	1.26E-07
375	5	1.30E-07	1.30E-07
376	5	1.34E-07	1.34E-07
377	5	1.39E-07	1.39E-07
378	5	1.43E-07	1.43E-07
379	5	1.48E-07	1.48E-07
380	5	1.53E-07	1.53E-07
381	5	1.58E-07	1.58E-07
382	5	1.64E-07	1.64E-07
383	5	1.70E-07	1.70E-07
384	5	1.76E-07	1.76E-07
385	5	1.83E-07	1.83E-07
386	5	1.90E-07	1.90E-07
387	5	1.97E-07	1.97E-07
388	5	2.05E-07	2.05E-07
389	5	1.22E-07	1.22E-07
390	5	1.25E-07	1.25E-07
391	5	1.29E-07	1.29E-07
392	5	1.33E-07	1.33E-07
393	5	1.37E-07	1.37E-07
394	5	1.42E-07	1.42E-07
395	5	1.46E-07	1.46E-07
396	5	1.51E-07	1.51E-07
397	5	1.56E-07	1.56E-07
398	5	1.62E-07	1.62E-07
399	5	1.68E-07	1.68E-07
400	5	1.74E-07	1.74E-07
401	5	1.81E-07	1.81E-07
402	5	1.88E-07	1.88E-07

Berkley WTPF
Haul3 Unmitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
403	5	1.95E-07	1.95E-07
404	5	1.25E-07	1.25E-07
405	5	1.28E-07	1.28E-07
406	5	1.32E-07	1.32E-07
407	5	1.36E-07	1.36E-07
408	5	1.40E-07	1.40E-07
409	5	1.45E-07	1.45E-07
410	5	1.50E-07	1.50E-07
411	5	1.55E-07	1.55E-07
412	5	1.60E-07	1.60E-07
413	5	1.66E-07	1.66E-07
414	5	1.72E-07	1.72E-07
415	5	1.79E-07	1.79E-07
416	5	1.85E-07	1.85E-07
417	5	1.93E-07	1.93E-07
418	5	1.31E-07	1.31E-07
419	5	1.35E-07	1.35E-07
420	5	1.39E-07	1.39E-07
421	5	1.43E-07	1.43E-07
422	5	1.48E-07	1.48E-07
423	5	1.53E-07	1.53E-07
424	5	1.58E-07	1.58E-07
425	5	1.64E-07	1.64E-07
426	5	1.70E-07	1.70E-07
427	5	1.76E-07	1.76E-07
428	5	1.83E-07	1.83E-07
429	5	1.91E-07	1.91E-07
430	5	1.52E-07	1.52E-07
431	5	1.57E-07	1.57E-07
432	5	1.62E-07	1.62E-07
433	5	1.68E-07	1.68E-07

Berkley WTPF
Haul3 Unmitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
434	5	1.74E-07	1.74E-07
435	5	1.81E-07	1.81E-07

Berkley WTPF

Cumulative Risk

Version Date: 9/9/2025

Houseboats Only

	Receptor	Project	Stationary	Roadway	Railway	Total	Threshold
Cancer (MEIR)	1	10.19	0.034	4.15	10.00	24.38	100
Chronic (MEIR)	1	0.012	0.001	0.014	0.0030	0.03	10
PM2.5 (MEIR)	1	0.056	0.000	0.101	0.0100	0.17	0.8
Cancer (S1)	389	2.34	0.260	4.15	10.00	16.75	100
Chronic (S1)	389	0.003	0.010	0.01	0.00	0.03	10
PM2.5 (S1)	389	0.013	0.000	0.10	0.01	0.12	0.8
Cancer (S2)	372	2.25	0.035	4.15	10.00	16.44	100
Chronic (S2)	372	0.003	0.001	0.01	0.00	0.02	10
PM2.5 (S2)	372	0.012	0.000	0.10	0.01	0.12	0.8

MEIR	Maximum Exposed Individual Receptor
S1	Receptor Closest to the Berkley Marine Center
S2	Receptor Closest to DoubleTree Hotel

Houseboats + Park

	Receptor	Project	Stationary	Roadway	Railway	Total	Threshold
Cancer (MEIR)	1	26.01	0.034	4.154	10.000	40.20	100
Chronic (MEIR)	1	0.030	0.001	0.014	0.003	0.048	10
PM2.5 (MEIR)	1	0.333	0.000	0.101	0.010	0.444	0.8
Cancer (S1)	389	18.16	0.260	4.154	10.000	32.57	100
Chronic (S1)	389	0.02	0.010	0.014	0.003	0.05	10
PM2.5 (S1)	389	0.29	0.000	0.101	0.010	0.40	0.8
Cancer (S2)	372	18.06	0.035	4.154	10.000	32.25	100
Chronic (S2)	372	0.02	0.001	0.014	0.003	0.04	10
PM2.5 (S2)	372	0.29	0.000	0.101	0.010	0.40	0.8

Park Only

	Receptor	Project	Stationary	Roadway	Railway	Total	Threshold
Cancer (MEIR)	1	15.82	0.034	4.154	10.000	30.01	100
Chronic (MEIR)	1	0.018	0.001	0.014	0.003	0.037	10
PM2.5 (MEIR)	1	0.277	0.000	0.101	0.010	0.388	0.8
Cancer (S1)	389	15.82	0.034	4.154	10.000	30.01	100
Chronic (S1)	389	0.02	0.001	0.014	0.003	0.04	10
PM2.5 (S1)	389	0.28	0.000	0.101	0.010	0.39	0.8
Cancer (S2)	372	15.82	0.034	4.154	10.000	30.01	100
Chronic (S2)	372	0.02	0.001	0.014	0.003	0.04	10
PM2.5 (S2)	372	0.28	0.000	0.101	0.010	0.39	0.8

No stationary sources within 1,000 feet of Main Project site. 3 within 1,000 feet of houseboat receptors

	cancer risk	**chronic HI**	**PM2.5**
Double Tree Hotel Generator	0	0	0
Berkeley Marine Center	0	0.01	0
Berkeley Marine Center Gas	0.26	0	0

Distance Multipliers (Distance to MEIR receptor)

	Distance (m)	Multiplier	Adjusted Risk	Adjusted HI
	MEIR (Receptor #1)			
Double Tree Hotel Generator	460	0.1317466	0	0
Berkeley Marine Center	480	0.1317466	0	0.00131747
Berkeley Marine Center Gas	480	0.1317466	0.034254115	0
	S1 (Receptor #389)			
Double Tree Hotel Generator	264	0.17128821	0	0
Berkeley Marine Center	0	1	0	0.01
Berkeley Marine Center Gas	0	1	0.26	0
	S2 (Receptor #372)			
Double Tree Hotel Generator	0	1	0	0
Berkeley Marine Center	295	0.13614068	0	0.00136141
Berkeley Marine Center Gas	295	0.13614068	0.035396577	0

https://baaqmd.maps.arcgis.com/apps/webappviewer/index.html?id=845658c19eae4594b9f4b805fb9d89a3

	Chronic		Cancer		PM 2.5	
	Receptors	End of University	Receptors	End of University	Receptors	End of University
Rail	0.0 - 0.003	0.05 -0.1	0.01 -10	10-50	0.00001 - 0	0.01-0.1
Roadway	0.00.014	0.015-0.0155	4.154	20.771-58.99	0.0-0.101	1.132.581

https://mtc.maps.arcgis.com/apps/instant/sidebar/index.html?appid=c5f9b1a40326409a89076bdc0d95e429

Gasoline Dispensing Facility (GDF) Distance Multiplier Tool: This distance multiplier tool refines the screening values for cancer risk and chronic hazard index found in the District's Stationary Source Screening Analysis Tool for GDF's, to represent adjusted risk and hazard impacts that can be expected with farther distances from the source of emissions.

Gas Station

Distance (meters)	Distance (feet)	**Distance adjustment multiplier**	**Enter Risk or Hazard**	**Adjusted Risk or Hazard**
0	0.0	1.000		0.0000
5	16.4	1.000		0.0000
10	32.8	1.000		0.0000
15	49.2	1.000		0.0000
20	65.6	1.000		0.0000
25	82.0	0.728		0.0000
30	98.4	0.559		0.0000
35	114.8	0.445		0.0000
40	131.2	0.365		0.0000
45	147.6	0.305		0.0000
50	164.0	0.260		0.0000
55	180.4	0.225		0.0000
60	196.9	0.197		0.0000
65	213.3	0.174		0.0000
70	229.7	0.155		0.0000
75	246.1	0.139		0.0000
80	262.5	0.126		0.0000
85	278.9	0.114		0.0000
90	295.3	0.104		0.0000
95	311.7	0.096		0.0000
100	328.1	0.088		0.0000
105	344.5	0.082		0.0000
110	360.9	0.076		0.0000
115	377.3	0.071		0.0000
120	393.7	0.066		0.0000
125	410.1	0.062		0.0000
130	426.5	0.058		0.0000
135	442.9	0.055		0.0000
140	459.3	0.052		0.0000
145	475.7	0.049		0.0000
150	492.1	0.046		0.0000
155	508.5	0.044		0.0000
160	524.9	0.042		0.0000

165	541.3	0.040		0.0000
170	557.7	0.038		0.0000
175	574.1	0.036		0.0000
180	590.6	0.034		0.0000
185	607.0	0.033		0.0000
190	623.4	0.031		0.0000
195	639.8	0.030		0.0000
200	656.2	0.029		0.0000
205	672.6	0.028		0.0000
210	689.0	0.027		0.0000
215	705.4	0.026		0.0000
220	721.8	0.025		0.0000
225	738.2	0.024		0.0000
230	754.6	0.023		0.0000
235	771.0	0.022		0.0000
240	787.4	0.022		0.0000
245	803.8	0.021		0.0000
250	820.2	0.020		0.0000
255	836.6	0.020		0.0000
260	853.0	0.019		0.0000
265	869.4	0.018		0.0000
270	885.8	0.018		0.0000
275	902.2	0.017		0.0000
280	918.6	0.017		0.0000
285	935.0	0.016		0.0000
290	951.4	0.016		0.0000
295	967.8	0.015		0.0000
300	984.3	0.015		0.0000

Diesel Internal Combustion (IC) Engine Distance Multiplier Tool: This distance multiplier tool refines t values for cancer risk and PM2.5 concentrations found in the District's Stationary Source Screening Anal permitted facilities which contain only diesel IC engines, to represent adjusted risk and hazard impacts t expected with farther distances from the source of emissions.

Diesel Backup Generator

Distance (meters)	Distance (feet)	**Distance adjustment multiplier**	**Enter Risk or Hazard**	**Adjusted Risk or Hazard**	**Enter PM2.5 Concentration**
0	0.0	1.000		0	
5	16.4	1.000		0	
10	32.8	1.000		0	
15	49.2	1.000		0	
20	65.6	1.000		0	
25	82.0	0.85		0	
30	98.4	0.73		0	
35	114.8	0.64		0	
40	131.2	0.58		0	
50	164.0	0.5		0	
60	196.9	0.41		0	
70	229.7	0.31		0	
80	262.5	0.28		0	
90	295.3	0.25		0	
100	328.1	0.22		0	
110	360.9	0.18		0	
120	393.7	0.16		0	
130	426.5	0.15		0	
140	459.3	0.14		0	
150	492.1	0.12		0	
160	524.9	0.1		0	
180	590.6	0.09		0	
200	656.2	0.08		0	
220	721.8	0.07		0	
240	787.4	0.06		0	
260	853.0	0.05		0	
280	918.6	0.04		0	

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Generic Distance Multiplier Tool: This distance multiplier tool refines the screening values to represent adjusted risk and hazard impacts that can be expected with farther distances from the source of emissions.

Adjusted PM2.5 Concentration
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0

Generic Case

Distance (meters)	Distance (feet)	Multiplier
0	0.0	1.000
5	16.4	1.000
10	32.8	0.883
15	49.2	0.855
20	65.6	0.827
25	82.0	0.801
30	98.4	0.775
35	114.8	0.750
40	131.2	0.726
45	147.6	0.702
50	164.0	0.679
55	180.4	0.658
60	196.9	0.636
65	213.3	0.616
70	229.7	0.596
75	246.1	0.577
80	262.5	0.558
85	278.9	0.540
90	295.3	0.523
95	311.7	0.506
100	328.1	0.489
105	344.5	0.474
110	360.9	0.458
115	377.3	0.444
120	393.7	0.429
125	410.1	0.415
130	426.5	0.402
135	442.9	0.389
140	459.3	0.376
145	475.7	0.364
150	492.1	0.353
155	508.5	0.341
160	524.9	0.330

165	541.3	0.319
170	557.7	0.309
175	574.1	0.299
180	590.6	0.290
185	607.0	0.280
190	623.4	0.271
195	639.8	0.262
200	656.2	0.254
205	672.6	0.246
210	689.0	0.238
215	705.4	0.230
220	721.8	0.223
225	738.2	0.216
230	754.6	0.209
235	771.0	0.202
240	787.4	0.195
245	803.8	0.189
250	820.2	0.183
255	836.6	0.177
260	853.0	0.171
265	869.4	0.166
270	885.8	0.160
275	902.2	0.155
280	918.6	0.150
285	935.0	0.145
290	951.4	0.141
295	967.8	0.136
300	984.3	0.132

Berkley WTPF

Construction Health Risk Assessment

Date: 8/19/2025

	3rd	0-2	2-16	>16	Units	
DBR	361	1090	631	261	L/kg	
A	1				no units	
EF	0.95890411				years	
Constant 1	0.000001				no units	
CPF	1.1				mg/kg-day-1	
ASF	10	10	3	1	no units	
DREDG	**0.00**	0.23	0.00	0.00	years	
Pier	**0.00**	1.09	0.00	0.00	years	
BoatL	**0.00**	0.08	0.00	0.00	years	
SeaWall	**0.00**	**0.36**	0.00	0.00	years	
Plaza	**0.00**	0.25	0.00	0.00	years	
University	0.00	**0.22**	0.00	0.00	years	
Haul1	0.00	**0.91**	0.00	0.00	years	
Haul2	0.00	**0.91**	0.00	0.00	years	
Haul3	0.00	**0.91**	0.00	0.00	years	
AT	70				years	
FAH	1	1	1	0.73	day	
Constant 2	1,000,000				no units	
Dose Constant	3.46E-04	1.05E-03	6.05E-04	2.50E-04		= DBR * A * EF * Constant1
Risk Constant	1.57E-01	1.57E-01	4.71E-02	1.15E-02		= CPF * ASF * (1/AT) * FHA

Source: OEHHA 2015

FAH

If school is within the 1 per million cancer bracket:		If school is not within the 1 per milliion cancer bracket:	
3rd to 2 years	1	3rd to 2 years	0.85
2 to 16	1	2 to 16	0.72
16-30	0.73	16-30	0.73

Source: OEHHA 2015

Dose = (Cair X DBR X A X EF X Constant 1)

Cair = concentration in air ($\mu g/m^3$)

DBR = daily breathing rate normalized to body weight (l/kg bod weight -day)

A = Inhalation adsorption factor (unitless)

EF = Exposure frequency (unitless), days/365 days

Constant 1 = micrograms to milligrams conversion, liters to cubic meters conversion

Cancer Risk = Dose X CPF x ASF x (ED/AT) X FAH

Dose = Daily inhalation dose (mg/kg-day)

CPF = Inhalation cancer potency factor (mg/kg-day^{-1})

ASF = Age sensitivity factor for a specified age group (unitless)

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

AT = Averaging time for lifetime cancer risk (years)

FAH = Fraction of time spent at home (unitless)

Risk per Million = Cancer Risk X Constant 2

Onsite Concentrations (PM10)

		Residence			Park		
	Source ID	**(lbs/day)**	**(gr/day)**	**(gr/sec)**	**(lbs/day)**	**(gr/day)**	**PM10 (gr/sec)**
Dredging	DREDG	0.05	22.58	0.00057	0.02	7.18	0.000181432
Pier Work/Deck Work	Pier	1.64	742.61	0.018753	0.52	236.28	0.00596678
Boat Launch	BoatL	5.00E-03	2.27	5.73E-05	1.59E-03	0.72	1.82228E-05
SeaWall/Parkinglot/Trail	SeaWall	5.56E-03	2.52	6.37E-05	1.77E-03	0.80	2.0278E-05
Plaza	Plaza	5.00E-03	2.27	5.73E-05	1.59E-03	0.72	1.82228E-05
University Avenue	University	5.00E-03	2.27	5.73E-05	1.59E-03	0.72	1.82228E-05

Offsite Concentrations

	Source ID	**PM10 (lbs/mile)**	**Miles**	**PM10 (lbs/day)**	**PM10 (gr/day)**	**PM10 (gr/sec)**
			Residence			
Haul 1	Haul1	0.000619	0.09	5.81E-05	0.03	6.653E-07
Haul 2	Haul2	0.000619	0.41	2.51E-04	0.11	2.872E-06
Haul 3	Haul3	0.000619	0.40	2.49E-04	0.11	2.856E-06
			Park			
Haul 1	Haul1	0.000197	0.09	1.85E-05	0.01	2.117E-07
Haul 2	Haul2	0.000197	0.41	7.98E-05	0.04	9.137E-07
Haul 3	Haul3	0.000197	0.40	7.93E-05	0.04	9.088E-07

Onsite Concentrations (PM2.5)

	Source ID	PM10 (lbs/day)	Residence PM10 (gr/day)	PM10 (gr/sec)	PM10 (lbs/day)	Park PM10 (gr/day)	PM10 (gr/sec)
			Exhaust				
Dredging	DREDG	0.05	21.70	0.000548	0.02	6.90	0.000174327
Pier Work/Deck Work	Pier	1.57	713.00	0.018005	0.50	226.86	0.005728897
Boat Launch	BoatL	0.01	2.27	5.73E-05	1.59E-03	0.72	1.82228E-05
SeaWall/Parkinglot/Trail	SeaWall	0.01	2.52	6.37E-05	1.77E-03	0.80	2.0278E-05
Plaza	Plaza	0.01	2.27	5.73E-05	1.59E-03	0.72	1.82228E-05
University Avenue	University	0.01	2.27	5.73E-05	1.59E-03	0.72	1.82228E-05
			Fugitive				
Boat Launch	BLPM	8.33E-04	0.38	9.55E-06	2.65E-04	0.12	3.03714E-06
SeaWall/Parkinglot/Trail	SeaPM	5.26E-04	0.24	6.03E-06	1.67E-04	0.08	1.91819E-06
Plaza	PlaPM	8.33E-04	0.38	9.55E-06	2.65E-04	0.12	3.03714E-06
University Avenue	UniPM	6.25E-04	0.28	7.16E-06	1.99E-04	0.09	2.27785E-06

Offsite Concentrations

	Source ID	PM10 (lbs/mile)	Miles	PM10 (lbs/day)	PM10 (gr/day)	PM10 (gr/sec)
		Exhaust (Residence)				
Haul 1	Haul1	0.000619	0.09	5.81E-05	0.03	6.653E-07
Haul 2	Haul2	0.000619	0.41	2.51E-04	0.11	2.872E-06
Haul 3	Haul3	0.000619	0.40	2.49E-04	0.11	2.856E-06
		Fugitive (Residence)				
Haul 1	Haul1	0.0010454	0.09	9.81E-05	0.04	1.124E-06
Haul 2	Haul2	0.0010454	0.41	4.23E-04	0.19	4.85E-06
Haul 3	Haul3	0.0010454	0.40	4.21E-04	0.19	4.824E-06
		Exhaust (Park)				
Haul 1	Haul1	0.0003326	0.09	3.12E-05	0.01	3.575E-07
Haul 2	Haul2	0.0003326	0.41	1.35E-04	0.06	1.543E-06
Haul 3	Haul3	0.0003326	0.40	1.34E-04	0.06	1.535E-06
		Fugitive (Park)				
Haul 1	Haul1	0.0003326	0.09	3.12E-05	0.01	3.575E-07
Haul 2	Haul2	0.0003326	0.41	1.35E-04	0.06	1.543E-06
Haul 3	Haul3	0.0003326	0.40	1.34E-04	0.06	1.535E-06

Berkley WTPF

Construction Health Risk Assessment

Sources	**Description**		**Meters**	**Miles**	**M^2**
DREDG	Dredging	Line Volume	10523.30	6.54	
Pier	Pier Flowat Breakwater Work	Line Volume	4106.50	2.55	
BoatL	Boat Launch	Line Volume	61.40	0.04	
SeaWall	Seawall Drive	Line Volume	2262.90	1.41	
Plaza	Plaza Work	Line Volume	309.80	0.19	
University	University Ave andAnemities	Line Volume	2236.30	1.39	
Haul1	Haul Route from University to Freeway	Line Volume	151.00	0.09	
Haul2	Haul Route Freeway South of University	Line Volume	651.80	0.41	
Haul3	Haul Route Freeway North of University	Line Volume	648.30	0.40	
UniPM	University Ave and Amenities PM2.5	Area Poly			24194
PlaPM	Plaza PM2.5	Area Poly			2658.4
SeaPM	Seawall Drive PM2.5	Area Poly			21003
BLPM	Boat Launch PM2.5	Area Poly			319.1

Assumptions and Constants:

365	days per year construction
453.59237	conversion from lbs to grams
11	hours per day construction
60	minutes per hour
60	seconds per minute
3.5	hours per day for park exposure

Receptors

1-435	Boat Docks
436 - 527	Shorebird Park

Age Bins

		3rd	0-2	2-16	16-30
	Start	NA	4/1/2027	NA	NA
	End	NA	12/31/2028	NA	NA
	Days	NA	549	NA	NA
DREDG	83	0	83	0	
Pier	397	0	397	0	
BoatL	30	0	30	0	
SeaWall	133	0	133	0	
Plaza	90	0	90	0	
University	80	0	80	0	
Haul1	333	0	333	0	
Haul2	333	0	333	0	
Haul3	333	0	333	0	

Berkley WTPF
Mitigated - - Emissions

Onsite Emissions

	Unmitigated (lbs/day)			Mitigated (lbs/day)		
	PM10E	PM2.5E	PM2.5D	PM10E	PM2.5E	PM2.5D
DREDG	0.156867976	0.15063507		0.04978154	0.047832092	0
Pier	4.870051409	4.67609529		1.637171242	1.571900607	0
BoatL	0.0075	0.0075		0.005	0.005	0.00083333
SeaWall	0.007781955	0.007781955		0.00556391	0.00556391	0.00052632
Plaza	0.008333333	0.008333333		0.005	0.005	0.00083333
University	0.0075	0.0075		0.005	0.005	0.000625
UniPM			0.0006			0.0006
PlaPM			0.0008			0.0008
SeaPM			0.0005			0.0005
BLPM			0.0008			0.0008

	Unmitigated (lbs/day)			Mitigated (lbs/day)		
Offsite Emissions (Per Trip)	PM10E	PM2.5E	PM2.5D	PM10E	PM2.5E	PM2.5D
BoatL	0.0025	0.0025	0.006666667	0.0025	0.0025	0.00666667
SeaWall	0.006616541	0.006616541	0.010977444	0.006616541	0.006616541	0.01097744
Plaza	0.001388889	0.001388889	0.001388889	0.001388889	0.001388889	0.00138889
University	0.001875	0.001875	0.001875	0.001875	0.001875	0.001875

Offsite Emissions (Per mile)	20	miles/trip				
BoatL	0.000125	0.000125	0.000333333	0.000125	0.000125	0.00033333
SeaWall	0.000330827	0.000330827	0.000548872	0.000330827	0.000330827	0.00054887
Plaza	6.94444E-05	6.94444E-05	6.94444E-05	6.94444E-05	6.94444E-05	6.9444E-05
University	0.00009375	0.00009375	0.00009375	0.00009375	0.00009375	0.00009375

Berkley WTPF

Mitigated - - Risk Summary

			Cancer Risk									
Receptor #	**Total Per/Million**		**Dredging**	**Peir**	**University**	**Seawall**	**Plaza**	**Boatlaunch**	**Haul 1**	**Haul 2**	**Haul 3**	
1	**3.4**	**3.4**	**0.01**	**5.3**	**0.0**	**0.0**	**0.1**	**0.00**	**1.42E-05**	**3.70E-05**	**5.70E-05**	**Max Risk**
Max Park	**5.3**	**2.35**	**459**	**467**	**513**	**436**	**488**	**437**	**120**	**120**	**210**	**Max Rec**
Total	8.8	5.8					Residence					
1	3.43		9.14E-03	3.40E+00	5.21E-03	2.31E-03	1.22E-02	1.37E-03	6.32E-06	2.07E-05	3.03E-05	
2	3.28		8.75E-03	3.25E+00	5.80E-03	2.27E-03	1.15E-02	1.34E-03	6.54E-06	2.12E-05	3.10E-05	
3	3.13		8.38E-03	3.10E+00	6.42E-03	2.25E-03	1.09E-02	1.26E-03	6.78E-06	2.18E-05	3.18E-05	
4	2.98		8.02E-03	2.95E+00	7.09E-03	2.25E-03	1.04E-02	1.19E-03	7.03E-06	2.24E-05	3.26E-05	
5	2.83		7.67E-03	2.80E+00	7.82E-03	2.25E-03	9.94E-03	1.14E-03	7.31E-06	2.30E-05	3.34E-05	
6	2.69		7.35E-03	2.66E+00	8.61E-03	2.25E-03	9.40E-03	1.13E-03	7.61E-06	2.37E-05	3.42E-05	
7	2.56		7.04E-03	2.53E+00	9.47E-03	2.23E-03	8.76E-03	1.15E-03	7.92E-06	2.44E-05	3.51E-05	
8	2.44		6.76E-03	2.41E+00	1.04E-02	2.21E-03	8.08E-03	1.19E-03	8.25E-06	2.52E-05	3.59E-05	
9	3.20		8.56E-03	3.17E+00	3.99E-03	2.11E-03	1.00E-02	1.24E-03	6.07E-06	2.00E-05	2.97E-05	
10	3.09		8.27E-03	3.06E+00	4.40E-03	2.07E-03	9.69E-03	1.28E-03	6.25E-06	2.05E-05	3.04E-05	
11	2.96		7.95E-03	2.93E+00	4.83E-03	2.04E-03	9.21E-03	1.24E-03	6.47E-06	2.11E-05	3.11E-05	
12	2.83		7.65E-03	2.81E+00	5.29E-03	2.03E-03	8.72E-03	1.17E-03	6.70E-06	2.16E-05	3.19E-05	
13	2.71		7.36E-03	2.68E+00	5.78E-03	2.03E-03	8.33E-03	1.10E-03	6.95E-06	2.22E-05	3.28E-05	
14	2.59		7.08E-03	2.56E+00	6.29E-03	2.03E-03	8.04E-03	1.06E-03	7.21E-06	2.28E-05	3.36E-05	
15	2.47		6.82E-03	2.45E+00	6.85E-03	2.04E-03	7.76E-03	1.05E-03	7.49E-06	2.35E-05	3.44E-05	
16	2.37		6.58E-03	2.34E+00	7.46E-03	2.03E-03	7.42E-03	1.07E-03	7.79E-06	2.42E-05	3.53E-05	
17	2.26		6.34E-03	2.24E+00	8.13E-03	2.01E-03	6.99E-03	1.11E-03	8.11E-06	2.49E-05	3.62E-05	
18	2.16		6.11E-03	2.13E+00	8.86E-03	1.98E-03	6.51E-03	1.14E-03	8.46E-06	2.57E-05	3.71E-05	
19	2.06		5.88E-03	2.04E+00	9.63E-03	1.94E-03	6.01E-03	1.15E-03	8.84E-06	2.65E-05	3.81E-05	
20	1.98		5.67E-03	1.95E+00	1.05E-02	1.90E-03	5.54E-03	1.15E-03	9.24E-06	2.73E-05	3.91E-05	
21	2.87		7.78E-03	2.85E+00	3.50E-03	1.91E-03	8.07E-03	1.17E-03	6.04E-06	1.99E-05	2.97E-05	
22	2.79		7.54E-03	2.77E+00	3.82E-03	1.87E-03	7.89E-03	1.20E-03	6.22E-06	2.04E-05	3.05E-05	
23	2.69		7.27E-03	2.67E+00	4.15E-03	1.84E-03	7.57E-03	1.15E-03	6.43E-06	2.09E-05	3.13E-05	
24	2.58		7.02E-03	2.56E+00	4.50E-03	1.83E-03	7.18E-03	1.08E-03	6.65E-06	2.14E-05	3.21E-05	
25	2.48		6.78E-03	2.46E+00	4.87E-03	1.84E-03	6.83E-03	1.02E-03	6.89E-06	2.20E-05	3.29E-05	
26	2.38		6.55E-03	2.36E+00	5.25E-03	1.85E-03	6.58E-03	9.82E-04	7.14E-06	2.26E-05	3.38E-05	
27	2.28		6.33E-03	2.26E+00	5.66E-03	1.85E-03	6.40E-03	9.78E-04	7.41E-06	2.33E-05	3.47E-05	
28	2.19		6.12E-03	2.17E+00	6.11E-03	1.85E-03	6.24E-03	9.98E-04	7.70E-06	2.39E-05	3.56E-05	

Berkley WTPF

Mitigated - - Risk Summary

		Cancer Risk								
Receptor #	Total Per/Million	Dredging	Peir	University	Seawall	Plaza	Boatlaunch	Haul 1	Haul 2	Haul 3
29	2.10	5.93E-03	2.08E+00	6.59E-03	1.83E-03	6.01E-03	1.03E-03	8.01E-06	2.46E-05	3.65E-05
30	2.01	5.73E-03	1.99E+00	7.12E-03	1.81E-03	5.71E-03	1.06E-03	8.34E-06	2.54E-05	3.75E-05
31	1.93	5.55E-03	1.91E+00	7.70E-03	1.78E-03	5.36E-03	1.08E-03	8.69E-06	2.62E-05	3.84E-05
32	1.85	5.37E-03	1.83E+00	8.32E-03	1.74E-03	4.99E-03	1.08E-03	9.07E-06	2.70E-05	3.94E-05
33	1.78	5.20E-03	1.76E+00	9.01E-03	1.71E-03	4.62E-03	1.07E-03	9.48E-06	2.79E-05	4.04E-05
34	1.71	5.04E-03	1.69E+00	9.77E-03	1.67E-03	4.29E-03	1.05E-03	9.92E-06	2.88E-05	4.15E-05
35	1.65	4.88E-03	1.63E+00	1.06E-02	1.63E-03	3.99E-03	1.03E-03	1.04E-05	2.98E-05	4.26E-05
36	1.59	4.72E-03	1.57E+00	1.17E-02	1.59E-03	3.73E-03	1.01E-03	1.09E-05	3.09E-05	4.37E-05
37	2.61	7.15E-03	2.59E+00	3.13E-03	1.74E-03	6.65E-03	1.11E-03	6.04E-06	1.97E-05	2.97E-05
38	2.53	6.93E-03	2.51E+00	3.37E-03	1.70E-03	6.53E-03	1.12E-03	6.23E-06	2.02E-05	3.05E-05
39	2.45	6.70E-03	2.43E+00	3.64E-03	1.67E-03	6.33E-03	1.07E-03	6.43E-06	2.07E-05	3.14E-05
40	2.37	6.48E-03	2.35E+00	3.92E-03	1.67E-03	6.05E-03	1.00E-03	6.64E-06	2.12E-05	3.22E-05
41	2.29	6.28E-03	2.27E+00	4.21E-03	1.67E-03	5.74E-03	9.47E-04	6.87E-06	2.18E-05	3.31E-05
42	2.20	6.08E-03	2.18E+00	4.51E-03	1.69E-03	5.49E-03	9.15E-04	7.11E-06	2.24E-05	3.40E-05
43	2.12	5.90E-03	2.10E+00	4.83E-03	1.69E-03	5.33E-03	9.12E-04	7.37E-06	2.30E-05	3.49E-05
44	2.04	5.72E-03	2.02E+00	5.16E-03	1.69E-03	5.23E-03	9.31E-04	7.65E-06	2.37E-05	3.59E-05
45	1.96	5.55E-03	1.94E+00	5.53E-03	1.68E-03	5.12E-03	9.59E-04	7.94E-06	2.44E-05	3.68E-05
46	1.88	5.38E-03	1.86E+00	5.93E-03	1.66E-03	4.97E-03	9.86E-04	8.26E-06	2.51E-05	3.78E-05
47	1.81	5.23E-03	1.79E+00	6.36E-03	1.63E-03	4.76E-03	1.01E-03	8.60E-06	2.59E-05	3.88E-05
48	1.73	5.07E-03	1.72E+00	6.83E-03	1.61E-03	4.50E-03	1.01E-03	8.97E-06	2.67E-05	3.98E-05
49	1.67	4.92E-03	1.65E+00	7.35E-03	1.58E-03	4.22E-03	1.01E-03	9.36E-06	2.76E-05	4.09E-05
50	1.61	4.78E-03	1.59E+00	7.91E-03	1.54E-03	3.93E-03	9.86E-04	9.79E-06	2.85E-05	4.20E-05
51	1.55	4.64E-03	1.53E+00	8.55E-03	1.51E-03	3.65E-03	9.63E-04	1.02E-05	2.95E-05	4.31E-05
52	1.50	4.51E-03	1.48E+00	9.29E-03	1.48E-03	3.41E-03	9.49E-04	1.07E-05	3.05E-05	4.43E-05
53	1.45	4.37E-03	1.43E+00	1.02E-02	1.44E-03	3.19E-03	9.45E-04	1.13E-05	3.16E-05	4.56E-05
54	1.40	4.25E-03	1.38E+00	1.13E-02	1.41E-03	3.00E-03	9.49E-04	1.19E-05	3.28E-05	4.68E-05
55	1.36	4.13E-03	1.34E+00	1.29E-02	1.37E-03	2.84E-03	9.51E-04	1.25E-05	3.41E-05	4.81E-05
56	2.42	6.78E-03	2.41E+00	2.64E-03	1.63E-03	5.55E-03	1.00E-03	5.91E-06	1.91E-05	2.89E-05
57	2.37	6.61E-03	2.36E+00	2.83E-03	1.59E-03	5.56E-03	1.06E-03	6.08E-06	1.95E-05	2.97E-05
58	2.31	6.41E-03	2.29E+00	3.03E-03	1.55E-03	5.49E-03	1.05E-03	6.26E-06	2.00E-05	3.06E-05
59	2.25	6.22E-03	2.23E+00	3.24E-03	1.53E-03	5.37E-03	9.96E-04	6.46E-06	2.05E-05	3.14E-05

Berkley WTPF
Mitigated - - Risk Summary

		Cancer Risk								
Receptor #	Total Per/Million	Dredging	Peir	University	Seawall	Plaza	Boatlaunch	Haul 1	Haul 2	Haul 3
60	2.18	6.03E-03	2.17E+00	3.47E-03	1.52E-03	5.18E-03	9.33E-04	6.67E-06	2.11E-05	3.23E-05
61	2.12	5.85E-03	2.10E+00	3.71E-03	1.53E-03	4.93E-03	8.83E-04	6.89E-06	2.16E-05	3.32E-05
62	2.05	5.68E-03	2.03E+00	3.96E-03	1.55E-03	4.69E-03	8.56E-04	7.12E-06	2.22E-05	3.42E-05
63	1.98	5.52E-03	1.96E+00	4.21E-03	1.56E-03	4.51E-03	8.53E-04	7.37E-06	2.28E-05	3.51E-05
64	1.91	5.36E-03	1.89E+00	4.48E-03	1.56E-03	4.41E-03	8.70E-04	7.64E-06	2.35E-05	3.61E-05
65	1.84	5.21E-03	1.82E+00	4.76E-03	1.55E-03	4.35E-03	8.97E-04	7.92E-06	2.42E-05	3.71E-05
66	1.77	5.07E-03	1.75E+00	5.07E-03	1.53E-03	4.29E-03	9.22E-04	8.23E-06	2.49E-05	3.81E-05
67	1.70	4.93E-03	1.68E+00	5.41E-03	1.51E-03	4.18E-03	9.41E-04	8.56E-06	2.57E-05	3.92E-05
68	1.64	4.80E-03	1.62E+00	5.78E-03	1.48E-03	4.03E-03	9.51E-04	8.91E-06	2.65E-05	4.02E-05
69	1.58	4.67E-03	1.56E+00	6.18E-03	1.46E-03	3.84E-03	9.47E-04	9.29E-06	2.73E-05	4.14E-05
70	1.52	4.54E-03	1.50E+00	6.63E-03	1.43E-03	3.61E-03	9.30E-04	9.70E-06	2.82E-05	4.25E-05
71	1.46	4.42E-03	1.45E+00	7.13E-03	1.40E-03	3.38E-03	9.08E-04	1.01E-05	2.92E-05	4.37E-05
72	1.41	4.30E-03	1.40E+00	7.70E-03	1.38E-03	3.16E-03	8.92E-04	1.06E-05	3.02E-05	4.49E-05
73	1.37	4.18E-03	1.35E+00	8.40E-03	1.34E-03	2.95E-03	8.87E-04	1.11E-05	3.12E-05	4.61E-05
74	1.33	4.07E-03	1.31E+00	9.27E-03	1.31E-03	2.77E-03	8.89E-04	1.17E-05	3.24E-05	4.74E-05
75	1.29	3.96E-03	1.27E+00	1.04E-02	1.28E-03	2.61E-03	8.92E-04	1.23E-05	3.36E-05	4.88E-05
76	2.21	6.26E-03	2.20E+00	2.42E-03	1.50E-03	4.69E-03	9.60E-04	5.98E-06	1.89E-05	2.89E-05
77	2.17	6.12E-03	2.15E+00	2.58E-03	1.46E-03	4.73E-03	9.99E-04	6.15E-06	1.94E-05	2.97E-05
78	2.12	5.96E-03	2.10E+00	2.75E-03	1.42E-03	4.68E-03	9.81E-04	6.33E-06	1.98E-05	3.06E-05
79	2.07	5.80E-03	2.05E+00	2.93E-03	1.40E-03	4.60E-03	9.29E-04	6.52E-06	2.03E-05	3.15E-05
80	2.02	5.64E-03	2.00E+00	3.12E-03	1.40E-03	4.48E-03	8.71E-04	6.73E-06	2.09E-05	3.24E-05
81	1.96	5.48E-03	1.95E+00	3.31E-03	1.41E-03	4.30E-03	8.26E-04	6.94E-06	2.14E-05	3.33E-05
82	1.91	5.33E-03	1.89E+00	3.52E-03	1.42E-03	4.08E-03	8.02E-04	7.17E-06	2.20E-05	3.43E-05
83	1.85	5.19E-03	1.83E+00	3.73E-03	1.43E-03	3.89E-03	8.00E-04	7.41E-06	2.26E-05	3.53E-05
84	1.79	5.05E-03	1.77E+00	3.96E-03	1.44E-03	3.77E-03	8.16E-04	7.67E-06	2.33E-05	3.63E-05
85	1.73	4.91E-03	1.72E+00	4.19E-03	1.43E-03	3.71E-03	8.40E-04	7.95E-06	2.39E-05	3.73E-05
86	1.67	4.79E-03	1.65E+00	4.44E-03	1.42E-03	3.68E-03	8.64E-04	8.25E-06	2.46E-05	3.84E-05
87	1.61	4.67E-03	1.59E+00	4.71E-03	1.40E-03	3.64E-03	8.83E-04	8.57E-06	2.54E-05	3.95E-05
88	1.55	4.55E-03	1.54E+00	5.01E-03	1.38E-03	3.57E-03	8.94E-04	8.91E-06	2.62E-05	4.06E-05
89	1.49	4.43E-03	1.48E+00	5.33E-03	1.35E-03	3.46E-03	8.93E-04	9.27E-06	2.70E-05	4.18E-05
90	1.44	4.32E-03	1.42E+00	5.70E-03	1.33E-03	3.31E-03	8.79E-04	9.67E-06	2.79E-05	4.30E-05

Berkley WTPF
Mitigated - - Risk Summary

		Cancer Risk								
Receptor #	Total Per/Million	Dredging	Peir	University	Seawall	Plaza	Boatlaunch	Haul 1	Haul 2	Haul 3
91	1.39	4.21E-03	1.37E+00	6.11E-03	1.31E-03	3.14E-03	8.59E-04	1.01E-05	2.88E-05	4.42E-05
92	1.34	4.10E-03	1.33E+00	6.58E-03	1.28E-03	2.95E-03	8.41E-04	1.06E-05	2.98E-05	4.55E-05
93	1.30	4.00E-03	1.28E+00	7.14E-03	1.26E-03	2.76E-03	8.33E-04	1.11E-05	3.09E-05	4.68E-05
94	1.26	3.90E-03	1.24E+00	7.84E-03	1.23E-03	2.59E-03	8.34E-04	1.16E-05	3.20E-05	4.81E-05
95	1.22	3.80E-03	1.20E+00	8.72E-03	1.20E-03	2.43E-03	8.38E-04	1.22E-05	3.32E-05	4.95E-05
96	1.19	3.71E-03	1.17E+00	9.92E-03	1.17E-03	2.29E-03	8.41E-04	1.28E-05	3.45E-05	5.10E-05
97	1.15	3.62E-03	1.13E+00	1.16E-02	1.14E-03	2.17E-03	8.37E-04	1.35E-05	3.59E-05	5.25E-05
98	2.03	5.81E-03	2.01E+00	2.24E-03	1.39E-03	4.02E-03	9.19E-04	6.07E-06	1.87E-05	2.89E-05
99	1.99	5.70E-03	1.98E+00	2.37E-03	1.35E-03	4.07E-03	9.45E-04	6.23E-06	1.92E-05	2.97E-05
100	1.95	5.57E-03	1.94E+00	2.51E-03	1.31E-03	4.04E-03	9.20E-04	6.41E-06	1.97E-05	3.06E-05
101	1.91	5.43E-03	1.90E+00	2.67E-03	1.29E-03	3.98E-03	8.69E-04	6.60E-06	2.02E-05	3.15E-05
102	1.87	5.30E-03	1.85E+00	2.83E-03	1.29E-03	3.90E-03	8.16E-04	6.81E-06	2.07E-05	3.25E-05
103	1.82	5.16E-03	1.81E+00	2.99E-03	1.30E-03	3.78E-03	7.75E-04	7.02E-06	2.12E-05	3.34E-05
104	1.78	5.03E-03	1.76E+00	3.17E-03	1.31E-03	3.61E-03	7.53E-04	7.25E-06	2.18E-05	3.44E-05
105	1.73	4.90E-03	1.72E+00	3.35E-03	1.33E-03	3.43E-03	7.51E-04	7.49E-06	2.24E-05	3.55E-05
106	1.68	4.77E-03	1.67E+00	3.54E-03	1.33E-03	3.29E-03	7.66E-04	7.75E-06	2.30E-05	3.65E-05
107	1.63	4.65E-03	1.62E+00	3.73E-03	1.33E-03	3.21E-03	7.89E-04	8.02E-06	2.37E-05	3.76E-05
108	1.58	4.54E-03	1.57E+00	3.94E-03	1.31E-03	3.18E-03	8.12E-04	8.31E-06	2.44E-05	3.87E-05
109	1.53	4.43E-03	1.51E+00	4.16E-03	1.30E-03	3.16E-03	8.30E-04	8.62E-06	2.51E-05	3.98E-05
110	1.48	4.32E-03	1.46E+00	4.41E-03	1.28E-03	3.13E-03	8.41E-04	8.95E-06	2.59E-05	4.10E-05
111	1.42	4.22E-03	1.41E+00	4.68E-03	1.26E-03	3.09E-03	8.43E-04	9.31E-06	2.67E-05	4.22E-05
112	1.37	4.12E-03	1.36E+00	4.99E-03	1.24E-03	3.00E-03	8.32E-04	9.70E-06	2.76E-05	4.34E-05
113	1.33	4.02E-03	1.31E+00	5.33E-03	1.22E-03	2.89E-03	8.14E-04	1.01E-05	2.85E-05	4.47E-05
114	1.28	3.92E-03	1.27E+00	5.73E-03	1.20E-03	2.75E-03	7.96E-04	1.06E-05	2.95E-05	4.60E-05
115	1.24	3.83E-03	1.22E+00	6.20E-03	1.18E-03	2.60E-03	7.85E-04	1.10E-05	3.06E-05	4.74E-05
116	1.20	3.74E-03	1.18E+00	6.77E-03	1.15E-03	2.44E-03	7.84E-04	1.16E-05	3.17E-05	4.88E-05
117	1.16	3.65E-03	1.15E+00	7.48E-03	1.12E-03	2.30E-03	7.87E-04	1.21E-05	3.29E-05	5.02E-05
118	1.13	3.56E-03	1.11E+00	8.41E-03	1.10E-03	2.16E-03	7.92E-04	1.28E-05	3.41E-05	5.18E-05
119	1.10	3.48E-03	1.08E+00	9.69E-03	1.07E-03	2.04E-03	7.92E-04	1.34E-05	3.55E-05	5.33E-05
120	1.07	3.40E-03	1.05E+00	1.16E-02	1.05E-03	1.93E-03	7.83E-04	1.42E-05	3.70E-05	5.50E-05
121	1.89	5.50E-03	1.88E+00	1.96E-03	1.31E-03	3.41E-03	8.17E-04	6.00E-06	1.81E-05	2.81E-05

Berkley WTPF

Mitigated - - Risk Summary

		Cancer Risk								
Receptor #	Total Per/Million	Dredging	Peir	University	Seawall	Plaza	Boatlaunch	Haul 1	Haul 2	Haul 3
122	1.87	5.42E-03	1.86E+00	2.07E-03	1.28E-03	3.49E-03	8.80E-04	6.15E-06	1.85E-05	2.89E-05
123	1.84	5.33E-03	1.83E+00	2.19E-03	1.24E-03	3.54E-03	8.94E-04	6.31E-06	1.90E-05	2.97E-05
124	1.80	5.22E-03	1.79E+00	2.31E-03	1.21E-03	3.52E-03	8.64E-04	6.50E-06	1.95E-05	3.06E-05
125	1.77	5.10E-03	1.76E+00	2.44E-03	1.19E-03	3.47E-03	8.14E-04	6.69E-06	2.00E-05	3.16E-05
126	1.73	4.99E-03	1.72E+00	2.58E-03	1.19E-03	3.42E-03	7.65E-04	6.90E-06	2.05E-05	3.25E-05
127	1.70	4.87E-03	1.69E+00	2.72E-03	1.20E-03	3.34E-03	7.28E-04	7.11E-06	2.10E-05	3.35E-05
128	1.66	4.76E-03	1.65E+00	2.87E-03	1.22E-03	3.22E-03	7.09E-04	7.34E-06	2.16E-05	3.45E-05
129	1.62	4.64E-03	1.61E+00	3.02E-03	1.23E-03	3.06E-03	7.08E-04	7.58E-06	2.22E-05	3.56E-05
130	1.58	4.53E-03	1.57E+00	3.18E-03	1.24E-03	2.92E-03	7.22E-04	7.84E-06	2.28E-05	3.67E-05
131	1.54	4.42E-03	1.53E+00	3.35E-03	1.23E-03	2.82E-03	7.43E-04	8.11E-06	2.35E-05	3.78E-05
132	1.50	4.32E-03	1.49E+00	3.53E-03	1.23E-03	2.77E-03	7.64E-04	8.40E-06	2.42E-05	3.89E-05
133	1.45	4.22E-03	1.44E+00	3.72E-03	1.21E-03	2.75E-03	7.82E-04	8.71E-06	2.49E-05	4.01E-05
134	1.41	4.12E-03	1.40E+00	3.93E-03	1.19E-03	2.74E-03	7.93E-04	9.04E-06	2.57E-05	4.13E-05
135	1.36	4.03E-03	1.35E+00	4.16E-03	1.18E-03	2.73E-03	7.97E-04	9.39E-06	2.65E-05	4.26E-05
136	1.32	3.93E-03	1.30E+00	4.42E-03	1.16E-03	2.69E-03	7.89E-04	9.77E-06	2.73E-05	4.38E-05
137	1.27	3.84E-03	1.26E+00	4.71E-03	1.14E-03	2.63E-03	7.73E-04	1.02E-05	2.82E-05	4.52E-05
138	1.23	3.76E-03	1.21E+00	5.05E-03	1.12E-03	2.55E-03	7.55E-04	1.06E-05	2.92E-05	4.65E-05
139	1.19	3.67E-03	1.17E+00	5.44E-03	1.10E-03	2.43E-03	7.43E-04	1.11E-05	3.02E-05	4.80E-05
140	1.15	3.59E-03	1.13E+00	5.91E-03	1.08E-03	2.31E-03	7.39E-04	1.16E-05	3.13E-05	4.94E-05
141	1.11	3.50E-03	1.10E+00	6.49E-03	1.06E-03	2.18E-03	7.41E-04	1.22E-05	3.25E-05	5.10E-05
142	1.08	3.43E-03	1.06E+00	7.22E-03	1.03E-03	2.05E-03	7.46E-04	1.28E-05	3.37E-05	5.25E-05
143	1.05	3.35E-03	1.03E+00	8.19E-03	1.01E-03	1.94E-03	7.48E-04	1.34E-05	3.51E-05	5.42E-05
144	1.02	3.27E-03	1.00E+00	9.56E-03	9.86E-04	1.83E-03	7.43E-04	1.42E-05	3.66E-05	5.60E-05
145	1.75	5.15E-03	1.74E+00	1.82E-03	1.22E-03	2.98E-03	7.91E-04	6.06E-06	1.79E-05	2.81E-05
146	1.73	5.08E-03	1.72E+00	1.92E-03	1.19E-03	3.05E-03	8.41E-04	6.22E-06	1.84E-05	2.89E-05
147	1.71	5.00E-03	1.69E+00	2.02E-03	1.15E-03	3.11E-03	8.46E-04	6.39E-06	1.88E-05	2.97E-05
148	1.67	4.91E-03	1.66E+00	2.13E-03	1.12E-03	3.10E-03	8.13E-04	6.57E-06	1.93E-05	3.06E-05
149	1.64	4.81E-03	1.63E+00	2.24E-03	1.11E-03	3.06E-03	7.64E-04	6.77E-06	1.97E-05	3.16E-05
150	1.61	4.71E-03	1.60E+00	2.36E-03	1.11E-03	3.01E-03	7.19E-04	6.98E-06	2.03E-05	3.26E-05
151	1.58	4.61E-03	1.57E+00	2.48E-03	1.12E-03	2.97E-03	6.86E-04	7.20E-06	2.08E-05	3.36E-05
152	1.55	4.51E-03	1.54E+00	2.61E-03	1.13E-03	2.89E-03	6.69E-04	7.43E-06	2.14E-05	3.46E-05

Berkley WTPF

Mitigated - - Risk Summary

		Cancer Risk								
Receptor #	Total Per/Million	Dredging	Peir	University	Seawall	Plaza	Boatlaunch	Haul 1	Haul 2	Haul 3
153	1.52	4.41E-03	1.51E+00	2.74E-03	1.15E-03	2.77E-03	6.68E-04	7.67E-06	2.19E-05	3.57E-05
154	1.49	4.31E-03	1.48E+00	2.88E-03	1.15E-03	2.63E-03	6.81E-04	7.93E-06	2.26E-05	3.68E-05
155	1.46	4.22E-03	1.45E+00	3.03E-03	1.15E-03	2.51E-03	7.01E-04	8.21E-06	2.32E-05	3.80E-05
156	1.42	4.12E-03	1.41E+00	3.18E-03	1.15E-03	2.44E-03	7.21E-04	8.50E-06	2.39E-05	3.91E-05
157	1.38	4.03E-03	1.37E+00	3.34E-03	1.13E-03	2.41E-03	7.38E-04	8.81E-06	2.46E-05	4.04E-05
158	1.34	3.94E-03	1.33E+00	3.52E-03	1.12E-03	2.40E-03	7.49E-04	9.14E-06	2.54E-05	4.16E-05
159	1.30	3.85E-03	1.29E+00	3.72E-03	1.10E-03	2.40E-03	7.54E-04	9.49E-06	2.62E-05	4.29E-05
160	1.26	3.77E-03	1.25E+00	3.94E-03	1.09E-03	2.40E-03	7.50E-04	9.87E-06	2.70E-05	4.42E-05
161	1.22	3.69E-03	1.21E+00	4.19E-03	1.07E-03	2.37E-03	7.36E-04	1.03E-05	2.79E-05	4.56E-05
162	1.18	3.60E-03	1.17E+00	4.48E-03	1.06E-03	2.33E-03	7.19E-04	1.07E-05	2.89E-05	4.70E-05
163	1.14	3.53E-03	1.13E+00	4.81E-03	1.04E-03	2.26E-03	7.05E-04	1.12E-05	2.99E-05	4.85E-05
164	1.10	3.45E-03	1.09E+00	5.20E-03	1.02E-03	2.17E-03	6.99E-04	1.17E-05	3.10E-05	5.01E-05
165	1.07	3.37E-03	1.06E+00	5.67E-03	9.99E-04	2.07E-03	7.00E-04	1.22E-05	3.21E-05	5.16E-05
166	1.04	3.30E-03	1.02E+00	6.25E-03	9.76E-04	1.96E-03	7.04E-04	1.28E-05	3.34E-05	5.33E-05
167	1.01	3.23E-03	9.92E-01	6.99E-03	9.53E-04	1.85E-03	7.07E-04	1.35E-05	3.47E-05	5.50E-05
168	1.62	4.83E-03	1.61E+00	1.70E-03	1.14E-03	2.63E-03	7.64E-04	6.10E-06	1.77E-05	2.80E-05
169	1.61	4.77E-03	1.59E+00	1.79E-03	1.11E-03	2.69E-03	8.04E-04	6.26E-06	1.81E-05	2.88E-05
170	1.59	4.71E-03	1.57E+00	1.87E-03	1.07E-03	2.75E-03	8.00E-04	6.43E-06	1.86E-05	2.97E-05
171	1.56	4.63E-03	1.55E+00	1.97E-03	1.04E-03	2.75E-03	7.65E-04	6.62E-06	1.90E-05	3.06E-05
172	1.53	4.54E-03	1.52E+00	2.06E-03	1.03E-03	2.72E-03	7.19E-04	6.82E-06	1.95E-05	3.16E-05
173	1.51	4.46E-03	1.50E+00	2.17E-03	1.03E-03	2.68E-03	6.78E-04	7.03E-06	2.00E-05	3.26E-05
174	1.48	4.38E-03	1.47E+00	2.27E-03	1.04E-03	2.64E-03	6.48E-04	7.26E-06	2.06E-05	3.36E-05
175	1.46	4.29E-03	1.45E+00	2.38E-03	1.06E-03	2.60E-03	6.32E-04	7.49E-06	2.11E-05	3.47E-05
176	1.43	4.20E-03	1.42E+00	2.50E-03	1.07E-03	2.51E-03	6.31E-04	7.74E-06	2.17E-05	3.58E-05
177	1.40	4.11E-03	1.39E+00	2.62E-03	1.08E-03	2.40E-03	6.44E-04	8.00E-06	2.23E-05	3.69E-05
178	1.38	4.03E-03	1.37E+00	2.75E-03	1.08E-03	2.28E-03	6.62E-04	8.28E-06	2.29E-05	3.81E-05
179	1.35	3.94E-03	1.34E+00	2.88E-03	1.07E-03	2.19E-03	6.81E-04	8.58E-06	2.36E-05	3.93E-05
180	1.32	3.86E-03	1.31E+00	3.03E-03	1.06E-03	2.14E-03	6.97E-04	8.89E-06	2.43E-05	4.06E-05
181	1.28	3.78E-03	1.27E+00	3.18E-03	1.05E-03	2.13E-03	7.09E-04	9.23E-06	2.51E-05	4.19E-05
182	1.25	3.70E-03	1.24E+00	3.35E-03	1.04E-03	2.12E-03	7.15E-04	9.58E-06	2.59E-05	4.32E-05
183	1.21	3.62E-03	1.20E+00	3.54E-03	1.02E-03	2.13E-03	7.13E-04	9.97E-06	2.67E-05	4.46E-05

Berkley WTPF
Mitigated - - Risk Summary

		Cancer Risk								
Receptor #	Total Per/Million	Dredging	Peir	University	Seawall	Plaza	Boatlaunch	Haul 1	Haul 2	Haul 3
184	1.18	3.54E-03	1.17E+00	3.75E-03	1.01E-03	2.12E-03	7.02E-04	1.04E-05	2.76E-05	4.61E-05
185	1.14	3.47E-03	1.13E+00	4.00E-03	9.95E-04	2.11E-03	6.86E-04	1.08E-05	2.86E-05	4.75E-05
186	1.10	3.40E-03	1.09E+00	4.28E-03	9.81E-04	2.08E-03	6.71E-04	1.13E-05	2.96E-05	4.91E-05
187	1.07	3.32E-03	1.06E+00	4.60E-03	9.64E-04	2.02E-03	6.63E-04	1.18E-05	3.06E-05	5.07E-05
188	1.03	3.25E-03	1.02E+00	4.99E-03	9.45E-04	1.95E-03	6.62E-04	1.23E-05	3.18E-05	5.23E-05
189	1.00	3.19E-03	9.89E-01	5.46E-03	9.24E-04	1.86E-03	6.65E-04	1.29E-05	3.30E-05	5.41E-05
190	0.97	3.11E-03	9.54E-01	6.03E-03	9.00E-04	1.77E-03	6.66E-04	1.37E-05	3.44E-05	5.61E-05
191	1.51	4.57E-03	1.50E+00	1.59E-03	1.07E-03	2.34E-03	7.40E-04	6.10E-06	1.75E-05	2.79E-05
192	1.50	4.51E-03	1.49E+00	1.67E-03	1.04E-03	2.40E-03	7.68E-04	6.27E-06	1.79E-05	2.88E-05
193	1.48	4.45E-03	1.47E+00	1.74E-03	1.00E-03	2.45E-03	7.57E-04	6.45E-06	1.83E-05	2.96E-05
194	1.46	4.37E-03	1.45E+00	1.82E-03	9.72E-04	2.46E-03	7.21E-04	6.64E-06	1.88E-05	3.06E-05
195	1.43	4.30E-03	1.42E+00	1.91E-03	9.60E-04	2.44E-03	6.78E-04	6.84E-06	1.93E-05	3.15E-05
196	1.41	4.23E-03	1.40E+00	2.00E-03	9.62E-04	2.40E-03	6.40E-04	7.06E-06	1.98E-05	3.26E-05
197	1.39	4.16E-03	1.38E+00	2.09E-03	9.72E-04	2.37E-03	6.13E-04	7.28E-06	2.03E-05	3.36E-05
198	1.37	4.08E-03	1.36E+00	2.19E-03	9.87E-04	2.34E-03	5.99E-04	7.52E-06	2.09E-05	3.47E-05
199	1.35	4.01E-03	1.34E+00	2.29E-03	1.00E-03	2.29E-03	5.98E-04	7.77E-06	2.14E-05	3.58E-05
200	1.32	3.93E-03	1.31E+00	2.40E-03	1.01E-03	2.20E-03	6.10E-04	8.04E-06	2.20E-05	3.70E-05
201	1.22	3.63E-03	1.21E+00	2.89E-03	9.88E-04	1.90E-03	6.72E-04	9.27E-06	2.48E-05	4.22E-05
202	1.20	3.56E-03	1.19E+00	3.04E-03	9.75E-04	1.89E-03	6.79E-04	9.63E-06	2.56E-05	4.35E-05
203	1.16	3.48E-03	1.15E+00	3.20E-03	9.62E-04	1.89E-03	6.78E-04	1.00E-05	2.64E-05	4.50E-05
204	1.13	3.41E-03	1.12E+00	3.38E-03	9.50E-04	1.90E-03	6.70E-04	1.04E-05	2.73E-05	4.65E-05
205	1.10	3.34E-03	1.09E+00	3.59E-03	9.39E-04	1.90E-03	6.55E-04	1.09E-05	2.82E-05	4.80E-05
206	1.07	3.28E-03	1.06E+00	3.83E-03	9.27E-04	1.89E-03	6.40E-04	1.13E-05	2.92E-05	4.96E-05
207	1.03	3.21E-03	1.02E+00	4.10E-03	9.12E-04	1.86E-03	6.31E-04	1.19E-05	3.03E-05	5.13E-05
208	1.00	3.14E-03	9.91E-01	4.42E-03	8.96E-04	1.82E-03	6.28E-04	1.24E-05	3.14E-05	5.30E-05
209	0.97	3.08E-03	9.60E-01	4.79E-03	8.77E-04	1.76E-03	6.30E-04	1.30E-05	3.26E-05	5.48E-05
210	0.93	3.00E-03	9.23E-01	5.22E-03	8.53E-04	1.68E-03	6.30E-04	1.38E-05	3.40E-05	5.70E-05
211	1.42	4.33E-03	1.41E+00	1.49E-03	1.01E-03	2.10E-03	7.16E-04	6.06E-06	1.73E-05	2.78E-05
212	1.40	4.27E-03	1.39E+00	1.56E-03	9.70E-04	2.14E-03	7.34E-04	6.24E-06	1.77E-05	2.87E-05
213	1.38	4.21E-03	1.37E+00	1.62E-03	9.35E-04	2.20E-03	7.17E-04	6.42E-06	1.81E-05	2.96E-05
214	1.36	4.15E-03	1.35E+00	1.70E-03	9.09E-04	2.22E-03	6.81E-04	6.62E-06	1.86E-05	3.05E-05

Berkley WTPF

Mitigated - - Risk Summary

		Cancer Risk								
Receptor #	Total Per/Million	Dredging	Peir	University	Seawall	Plaza	Boatlaunch	Haul 1	Haul 2	Haul 3
215	1.34	4.09E-03	1.33E+00	1.77E-03	8.99E-04	2.20E-03	6.40E-04	6.82E-06	1.90E-05	3.15E-05
216	1.32	4.02E-03	1.31E+00	1.85E-03	9.01E-04	2.16E-03	6.06E-04	7.04E-06	1.95E-05	3.25E-05
217	1.30	3.96E-03	1.30E+00	1.93E-03	9.11E-04	2.13E-03	5.81E-04	7.26E-06	2.00E-05	3.36E-05
218	1.29	3.89E-03	1.28E+00	2.02E-03	9.25E-04	2.11E-03	5.68E-04	7.50E-06	2.06E-05	3.47E-05
219	1.27	3.83E-03	1.26E+00	2.11E-03	9.39E-04	2.08E-03	5.68E-04	7.75E-06	2.12E-05	3.59E-05
220	1.12	3.36E-03	1.11E+00	2.91E-03	9.08E-04	1.69E-03	6.46E-04	1.00E-05	2.61E-05	4.53E-05
221	1.09	3.29E-03	1.08E+00	3.07E-03	8.97E-04	1.70E-03	6.40E-04	1.04E-05	2.70E-05	4.68E-05
222	1.06	3.23E-03	1.05E+00	3.25E-03	8.87E-04	1.70E-03	6.27E-04	1.09E-05	2.79E-05	4.84E-05
223	1.03	3.17E-03	1.02E+00	3.45E-03	8.77E-04	1.70E-03	6.12E-04	1.13E-05	2.89E-05	5.01E-05
224	1.00	3.11E-03	9.93E-01	3.68E-03	8.65E-04	1.70E-03	6.01E-04	1.19E-05	2.99E-05	5.18E-05
225	0.97	3.04E-03	9.63E-01	3.94E-03	8.51E-04	1.68E-03	5.97E-04	1.24E-05	3.10E-05	5.36E-05
226	0.94	2.98E-03	9.33E-01	4.24E-03	8.34E-04	1.65E-03	5.97E-04	1.30E-05	3.22E-05	5.55E-05
227	1.34	4.16E-03	1.33E+00	1.35E-03	9.72E-04	1.89E-03	6.47E-04	5.85E-06	1.66E-05	2.69E-05
228	1.33	4.11E-03	1.32E+00	1.40E-03	9.45E-04	1.89E-03	6.90E-04	6.01E-06	1.70E-05	2.77E-05
229	1.31	4.05E-03	1.30E+00	1.46E-03	9.10E-04	1.93E-03	7.00E-04	6.18E-06	1.74E-05	2.86E-05
230	1.30	4.00E-03	1.29E+00	1.52E-03	8.76E-04	1.98E-03	6.80E-04	6.36E-06	1.79E-05	2.95E-05
231	1.28	3.94E-03	1.27E+00	1.58E-03	8.52E-04	2.01E-03	6.43E-04	6.56E-06	1.83E-05	3.04E-05
232	1.26	3.89E-03	1.25E+00	1.65E-03	8.43E-04	1.99E-03	6.06E-04	6.76E-06	1.88E-05	3.14E-05
233	1.25	3.83E-03	1.24E+00	1.72E-03	8.45E-04	1.96E-03	5.74E-04	6.97E-06	1.93E-05	3.25E-05
234	1.23	3.78E-03	1.22E+00	1.79E-03	8.56E-04	1.93E-03	5.51E-04	7.20E-06	1.98E-05	3.36E-05
235	1.21	3.72E-03	1.20E+00	1.87E-03	8.69E-04	1.91E-03	5.40E-04	7.44E-06	2.03E-05	3.47E-05
236	1.20	3.66E-03	1.19E+00	1.95E-03	8.83E-04	1.90E-03	5.40E-04	7.69E-06	2.09E-05	3.59E-05
237	1.09	3.30E-03	1.08E+00	2.54E-03	8.70E-04	1.53E-03	6.14E-04	9.55E-06	2.50E-05	4.40E-05
238	1.07	3.24E-03	1.06E+00	2.66E-03	8.59E-04	1.52E-03	6.16E-04	9.94E-06	2.58E-05	4.56E-05
239	1.05	3.18E-03	1.04E+00	2.80E-03	8.49E-04	1.53E-03	6.12E-04	1.03E-05	2.66E-05	4.72E-05
240	1.03	3.13E-03	1.02E+00	2.95E-03	8.40E-04	1.53E-03	6.01E-04	1.08E-05	2.75E-05	4.88E-05
241	1.00	3.07E-03	9.90E-01	3.12E-03	8.31E-04	1.54E-03	5.87E-04	1.13E-05	2.85E-05	5.06E-05
242	0.97	3.01E-03	9.63E-01	3.31E-03	8.21E-04	1.54E-03	5.75E-04	1.18E-05	2.95E-05	5.23E-05
243	0.94	2.95E-03	9.35E-01	3.53E-03	8.09E-04	1.54E-03	5.68E-04	1.23E-05	3.06E-05	5.43E-05
244	0.92	2.89E-03	9.06E-01	3.77E-03	7.93E-04	1.53E-03	5.66E-04	1.30E-05	3.18E-05	5.63E-05
245	1.23	3.86E-03	1.22E+00	1.37E-03	8.54E-04	1.75E-03	6.68E-04	6.09E-06	1.72E-05	2.84E-05

Berkley WTPF

Mitigated - - Risk Summary

		Cancer Risk								
Receptor #	Total Per/Million	Dredging	Peir	University	Seawall	Plaza	Boatlaunch	Haul 1	Haul 2	Haul 3
246	1.22	3.81E-03	1.21E+00	1.43E-03	8.22E-04	1.80E-03	6.45E-04	6.28E-06	1.76E-05	2.94E-05
247	1.20	3.76E-03	1.20E+00	1.48E-03	8.01E-04	1.82E-03	6.09E-04	6.47E-06	1.81E-05	3.03E-05
248	1.19	3.71E-03	1.18E+00	1.54E-03	7.93E-04	1.82E-03	5.74E-04	6.66E-06	1.85E-05	3.13E-05
249	1.17	3.66E-03	1.17E+00	1.61E-03	7.95E-04	1.79E-03	5.45E-04	6.88E-06	1.90E-05	3.24E-05
250	1.16	3.61E-03	1.15E+00	1.67E-03	8.05E-04	1.76E-03	5.24E-04	7.10E-06	1.95E-05	3.35E-05
251	1.14	3.56E-03	1.14E+00	1.74E-03	8.19E-04	1.74E-03	5.13E-04	7.33E-06	2.00E-05	3.46E-05
252	1.13	3.51E-03	1.12E+00	1.81E-03	8.32E-04	1.73E-03	5.14E-04	7.58E-06	2.06E-05	3.58E-05
253	1.04	3.19E-03	1.04E+00	2.34E-03	8.24E-04	1.41E-03	5.85E-04	9.42E-06	2.46E-05	4.42E-05
254	1.03	3.14E-03	1.02E+00	2.45E-03	8.14E-04	1.39E-03	5.88E-04	9.79E-06	2.54E-05	4.58E-05
255	1.01	3.08E-03	1.00E+00	2.57E-03	8.04E-04	1.38E-03	5.85E-04	1.02E-05	2.63E-05	4.74E-05
256	0.99	3.03E-03	9.79E-01	2.70E-03	7.96E-04	1.38E-03	5.76E-04	1.06E-05	2.72E-05	4.92E-05
257	0.97	2.97E-03	9.57E-01	2.84E-03	7.89E-04	1.39E-03	5.63E-04	1.11E-05	2.81E-05	5.09E-05
258	0.94	2.92E-03	9.34E-01	3.00E-03	7.81E-04	1.40E-03	5.51E-04	1.16E-05	2.91E-05	5.28E-05
259	0.92	2.86E-03	9.08E-01	3.18E-03	7.70E-04	1.40E-03	5.42E-04	1.22E-05	3.02E-05	5.49E-05
260	1.10	3.45E-03	1.09E+00	1.56E-03	7.60E-04	1.61E-03	4.99E-04	6.97E-06	1.92E-05	3.34E-05
261	1.08	3.41E-03	1.07E+00	1.63E-03	7.73E-04	1.59E-03	4.89E-04	7.19E-06	1.98E-05	3.45E-05
262	1.01	3.13E-03	1.00E+00	2.08E-03	7.92E-04	1.35E-03	5.50E-04	8.88E-06	2.35E-05	4.27E-05
263	1.00	3.08E-03	9.89E-01	2.17E-03	7.83E-04	1.30E-03	5.58E-04	9.23E-06	2.43E-05	4.43E-05
264	0.98	3.03E-03	9.75E-01	2.26E-03	7.73E-04	1.27E-03	5.62E-04	9.60E-06	2.51E-05	4.59E-05
265	0.97	2.98E-03	9.60E-01	2.37E-03	7.64E-04	1.26E-03	5.61E-04	9.99E-06	2.59E-05	4.76E-05
266	0.95	2.94E-03	9.43E-01	2.48E-03	7.56E-04	1.26E-03	5.53E-04	1.04E-05	2.68E-05	4.94E-05
267	0.93	2.89E-03	9.25E-01	2.60E-03	7.49E-04	1.26E-03	5.42E-04	1.09E-05	2.77E-05	5.13E-05
268	0.91	2.84E-03	9.05E-01	2.73E-03	7.43E-04	1.27E-03	5.29E-04	1.14E-05	2.87E-05	5.32E-05
269	0.89	2.78E-03	8.81E-01	2.88E-03	7.34E-04	1.27E-03	5.19E-04	1.19E-05	2.98E-05	5.54E-05
270	0.96	3.02E-03	9.54E-01	1.93E-03	7.53E-04	1.28E-03	5.25E-04	8.68E-06	2.32E-05	4.27E-05
271	0.95	2.98E-03	9.44E-01	2.01E-03	7.44E-04	1.22E-03	5.33E-04	9.01E-06	2.40E-05	4.43E-05
272	0.94	2.94E-03	9.33E-01	2.10E-03	7.35E-04	1.18E-03	5.37E-04	9.37E-06	2.47E-05	4.60E-05
273	0.93	2.89E-03	9.20E-01	2.19E-03	7.27E-04	1.16E-03	5.37E-04	9.75E-06	2.56E-05	4.78E-05
274	0.91	2.85E-03	9.07E-01	2.29E-03	7.19E-04	1.15E-03	5.32E-04	1.02E-05	2.64E-05	4.96E-05
275	0.90	2.80E-03	8.92E-01	2.39E-03	7.13E-04	1.15E-03	5.21E-04	1.06E-05	2.73E-05	5.15E-05
276	0.88	2.75E-03	8.73E-01	2.50E-03	7.07E-04	1.16E-03	5.08E-04	1.11E-05	2.83E-05	5.36E-05

Berkley WTPF

Mitigated - - Risk Summary

		Cancer Risk								
Receptor #	Total Per/Million	Dredging	Peir	University	Seawall	Plaza	Boatlaunch	Haul 1	Haul 2	Haul 3
277	1.07	3.51E-03	1.06E+00	9.70E-04	7.72E-04	1.52E-03	4.36E-04	5.02E-06	1.47E-05	2.39E-05
278	1.06	3.49E-03	1.06E+00	1.01E-03	7.96E-04	1.43E-03	4.88E-04	5.14E-06	1.51E-05	2.46E-05
279	1.06	3.47E-03	1.05E+00	1.05E-03	7.96E-04	1.35E-03	5.40E-04	5.28E-06	1.54E-05	2.54E-05
280	1.05	3.44E-03	1.04E+00	1.09E-03	7.78E-04	1.30E-03	5.78E-04	5.42E-06	1.57E-05	2.62E-05
281	1.04	3.40E-03	1.04E+00	1.12E-03	7.48E-04	1.30E-03	5.91E-04	5.57E-06	1.61E-05	2.70E-05
282	0.93	2.96E-03	9.18E-01	1.73E-03	7.21E-04	1.27E-03	4.92E-04	8.15E-06	2.22E-05	4.11E-05
283	0.92	2.92E-03	9.10E-01	1.80E-03	7.16E-04	1.21E-03	5.02E-04	8.45E-06	2.29E-05	4.26E-05
284	0.91	2.88E-03	9.01E-01	1.88E-03	7.09E-04	1.15E-03	5.09E-04	8.78E-06	2.36E-05	4.43E-05
285	0.90	2.84E-03	8.92E-01	1.95E-03	7.01E-04	1.10E-03	5.14E-04	9.12E-06	2.44E-05	4.60E-05
286	0.89	2.80E-03	8.82E-01	2.03E-03	6.92E-04	1.07E-03	5.15E-04	9.49E-06	2.52E-05	4.78E-05
287	0.88	2.76E-03	8.71E-01	2.11E-03	6.85E-04	1.06E-03	5.11E-04	9.89E-06	2.61E-05	4.97E-05
288	0.87	2.72E-03	8.59E-01	2.20E-03	6.79E-04	1.06E-03	5.02E-04	1.03E-05	2.69E-05	5.17E-05
289	0.85	2.67E-03	8.42E-01	2.30E-03	6.73E-04	1.06E-03	4.89E-04	1.08E-05	2.80E-05	5.40E-05
290	1.02	3.39E-03	1.01E+00	8.96E-04	7.02E-04	1.43E-03	3.89E-04	4.78E-06	1.42E-05	2.30E-05
291	1.01	3.37E-03	1.00E+00	9.28E-04	7.43E-04	1.40E-03	4.31E-04	4.90E-06	1.45E-05	2.37E-05
292	1.01	3.35E-03	9.99E-01	9.64E-04	7.62E-04	1.32E-03	4.81E-04	5.03E-06	1.49E-05	2.44E-05
293	1.00	3.32E-03	9.94E-01	9.99E-04	7.58E-04	1.24E-03	5.28E-04	5.16E-06	1.52E-05	2.52E-05
294	0.99	3.29E-03	9.87E-01	1.03E-03	7.37E-04	1.20E-03	5.60E-04	5.30E-06	1.55E-05	2.60E-05
295	0.99	3.26E-03	9.80E-01	1.07E-03	7.08E-04	1.20E-03	5.67E-04	5.45E-06	1.59E-05	2.68E-05
296	0.98	3.23E-03	9.72E-01	1.10E-03	6.77E-04	1.23E-03	5.53E-04	5.60E-06	1.63E-05	2.77E-05
297	0.97	3.20E-03	9.64E-01	1.14E-03	6.53E-04	1.27E-03	5.26E-04	5.77E-06	1.67E-05	2.86E-05
298	0.96	3.16E-03	9.55E-01	1.18E-03	6.38E-04	1.29E-03	4.96E-04	5.93E-06	1.71E-05	2.96E-05
299	0.95	3.13E-03	9.46E-01	1.22E-03	6.33E-04	1.31E-03	4.70E-04	6.11E-06	1.76E-05	3.06E-05
300	0.94	3.09E-03	9.37E-01	1.26E-03	6.36E-04	1.30E-03	4.49E-04	6.30E-06	1.80E-05	3.17E-05
301	0.88	2.86E-03	8.75E-01	1.62E-03	6.87E-04	1.19E-03	4.71E-04	7.94E-06	2.19E-05	4.09E-05
302	0.87	2.82E-03	8.67E-01	1.69E-03	6.83E-04	1.15E-03	4.80E-04	8.23E-06	2.26E-05	4.25E-05
303	0.87	2.79E-03	8.60E-01	1.75E-03	6.77E-04	1.09E-03	4.87E-04	8.54E-06	2.33E-05	4.42E-05
304	0.86	2.75E-03	8.53E-01	1.82E-03	6.69E-04	1.04E-03	4.92E-04	8.88E-06	2.41E-05	4.60E-05
305	0.85	2.72E-03	8.45E-01	1.89E-03	6.61E-04	1.01E-03	4.94E-04	9.23E-06	2.49E-05	4.78E-05
306	0.84	2.68E-03	8.36E-01	1.96E-03	6.54E-04	9.83E-04	4.92E-04	9.61E-06	2.57E-05	4.98E-05
307	0.83	2.65E-03	8.26E-01	2.03E-03	6.48E-04	9.75E-04	4.84E-04	1.00E-05	2.66E-05	5.18E-05

Berkley WTPF
Mitigated - - Risk Summary

		Cancer Risk								
Receptor #	Total Per/Million	Dredging	Peir	University	Seawall	Plaza	Boatlaunch	Haul 1	Haul 2	Haul 3
308	0.96	3.25E-03	9.56E-01	8.59E-04	6.81E-04	1.34E-03	3.82E-04	4.68E-06	1.41E-05	2.29E-05
309	0.96	3.23E-03	9.52E-01	8.90E-04	7.16E-04	1.29E-03	4.25E-04	4.80E-06	1.43E-05	2.35E-05
310	0.95	3.21E-03	9.47E-01	9.23E-04	7.29E-04	1.21E-03	4.73E-04	4.92E-06	1.47E-05	2.42E-05
311	0.95	3.19E-03	9.42E-01	9.55E-04	7.22E-04	1.15E-03	5.16E-04	5.05E-06	1.50E-05	2.50E-05
312	0.94	3.16E-03	9.36E-01	9.87E-04	7.00E-04	1.11E-03	5.42E-04	5.19E-06	1.54E-05	2.58E-05
313	0.94	3.13E-03	9.30E-01	1.02E-03	6.71E-04	1.11E-03	5.45E-04	5.33E-06	1.57E-05	2.66E-05
314	0.93	3.10E-03	9.22E-01	1.05E-03	6.42E-04	1.14E-03	5.28E-04	5.48E-06	1.61E-05	2.75E-05
315	0.92	3.07E-03	9.15E-01	1.08E-03	6.19E-04	1.17E-03	5.01E-04	5.63E-06	1.65E-05	2.84E-05
316	0.91	3.04E-03	9.07E-01	1.12E-03	6.05E-04	1.20E-03	4.73E-04	5.80E-06	1.69E-05	2.94E-05
317	0.91	3.01E-03	8.99E-01	1.16E-03	6.01E-04	1.21E-03	4.49E-04	5.97E-06	1.74E-05	3.04E-05
318	0.90	2.98E-03	8.90E-01	1.20E-03	6.04E-04	1.21E-03	4.30E-04	6.15E-06	1.78E-05	3.15E-05
319	0.89	2.94E-03	8.82E-01	1.24E-03	6.13E-04	1.19E-03	4.16E-04	6.34E-06	1.83E-05	3.26E-05
320	0.88	2.91E-03	8.74E-01	1.28E-03	6.24E-04	1.17E-03	4.09E-04	6.55E-06	1.88E-05	3.38E-05
321	0.87	2.88E-03	8.65E-01	1.33E-03	6.36E-04	1.15E-03	4.10E-04	6.76E-06	1.93E-05	3.50E-05
322	0.86	2.85E-03	8.57E-01	1.37E-03	6.46E-04	1.14E-03	4.17E-04	6.98E-06	1.99E-05	3.63E-05
323	0.84	2.76E-03	8.34E-01	1.53E-03	6.56E-04	1.12E-03	4.51E-04	7.74E-06	2.17E-05	4.07E-05
324	0.83	2.73E-03	8.28E-01	1.58E-03	6.52E-04	1.09E-03	4.60E-04	8.02E-06	2.23E-05	4.23E-05
325	0.83	2.70E-03	8.21E-01	1.64E-03	6.46E-04	1.04E-03	4.67E-04	8.32E-06	2.30E-05	4.40E-05
326	0.82	2.67E-03	8.15E-01	1.70E-03	6.39E-04	9.94E-04	4.72E-04	8.64E-06	2.38E-05	4.58E-05
327	0.82	2.64E-03	8.09E-01	1.76E-03	6.32E-04	9.51E-04	4.75E-04	8.98E-06	2.45E-05	4.77E-05
328	0.81	2.60E-03	8.02E-01	1.82E-03	6.25E-04	9.21E-04	4.73E-04	9.34E-06	2.53E-05	4.97E-05
329	0.80	2.57E-03	7.94E-01	1.89E-03	6.19E-04	9.06E-04	4.67E-04	9.74E-06	2.62E-05	5.18E-05
330	0.91	3.12E-03	9.08E-01	8.26E-04	6.60E-04	1.24E-03	3.77E-04	4.59E-06	1.39E-05	2.27E-05
331	0.91	3.10E-03	9.04E-01	8.54E-04	6.90E-04	1.19E-03	4.20E-04	4.70E-06	1.42E-05	2.33E-05
332	0.91	3.08E-03	9.00E-01	8.84E-04	6.98E-04	1.12E-03	4.66E-04	4.82E-06	1.45E-05	2.40E-05
333	0.90	3.06E-03	8.95E-01	9.14E-04	6.88E-04	1.06E-03	5.04E-04	4.94E-06	1.48E-05	2.48E-05
334	0.90	3.04E-03	8.89E-01	9.43E-04	6.65E-04	1.03E-03	5.24E-04	5.08E-06	1.52E-05	2.56E-05
335	0.89	3.01E-03	8.83E-01	9.72E-04	6.37E-04	1.03E-03	5.23E-04	5.21E-06	1.55E-05	2.64E-05
336	0.88	2.99E-03	8.77E-01	1.00E-03	6.09E-04	1.05E-03	5.04E-04	5.36E-06	1.59E-05	2.72E-05
337	0.88	2.96E-03	8.70E-01	1.03E-03	5.88E-04	1.09E-03	4.78E-04	5.51E-06	1.63E-05	2.82E-05
338	0.87	2.93E-03	8.62E-01	1.06E-03	5.76E-04	1.11E-03	4.51E-04	5.67E-06	1.67E-05	2.91E-05

Berkley WTPF
Mitigated - - Risk Summary

		Cancer Risk								
Receptor #	Total Per/Million	Dredging	Peir	University	Seawall	Plaza	Boatlaunch	Haul 1	Haul 2	Haul 3
339	0.86	2.90E-03	8.55E-01	1.10E-03	5.72E-04	1.13E-03	4.29E-04	5.84E-06	1.72E-05	3.01E-05
340	0.85	2.87E-03	8.48E-01	1.14E-03	5.75E-04	1.13E-03	4.11E-04	6.01E-06	1.76E-05	3.12E-05
341	0.85	2.84E-03	8.40E-01	1.17E-03	5.83E-04	1.11E-03	3.99E-04	6.20E-06	1.81E-05	3.23E-05
342	0.84	2.81E-03	8.33E-01	1.21E-03	5.94E-04	1.09E-03	3.93E-04	6.39E-06	1.86E-05	3.35E-05
343	0.83	2.78E-03	8.25E-01	1.26E-03	6.06E-04	1.07E-03	3.93E-04	6.60E-06	1.91E-05	3.47E-05
344	0.82	2.75E-03	8.17E-01	1.30E-03	6.15E-04	1.06E-03	4.00E-04	6.82E-06	1.96E-05	3.61E-05
345	0.82	2.72E-03	8.10E-01	1.34E-03	6.22E-04	1.06E-03	4.10E-04	7.05E-06	2.02E-05	3.75E-05
346	0.81	2.70E-03	8.03E-01	1.39E-03	6.26E-04	1.06E-03	4.22E-04	7.29E-06	2.08E-05	3.89E-05
347	0.80	2.67E-03	7.97E-01	1.44E-03	6.26E-04	1.06E-03	4.33E-04	7.54E-06	2.14E-05	4.05E-05
348	0.80	2.64E-03	7.91E-01	1.49E-03	6.23E-04	1.03E-03	4.41E-04	7.82E-06	2.21E-05	4.21E-05
349	0.79	2.61E-03	7.85E-01	1.54E-03	6.18E-04	9.97E-04	4.48E-04	8.11E-06	2.27E-05	4.38E-05
350	0.79	2.59E-03	7.80E-01	1.59E-03	6.12E-04	9.51E-04	4.53E-04	8.42E-06	2.35E-05	4.56E-05
351	0.78	2.56E-03	7.74E-01	1.64E-03	6.04E-04	9.07E-04	4.56E-04	8.76E-06	2.42E-05	4.76E-05
352	0.77	2.53E-03	7.67E-01	1.70E-03	5.98E-04	8.71E-04	4.55E-04	9.12E-06	2.50E-05	4.96E-05
353	0.87	3.00E-03	8.64E-01	7.94E-04	6.40E-04	1.16E-03	3.72E-04	4.50E-06	1.37E-05	2.25E-05
354	0.87	2.99E-03	8.61E-01	8.21E-04	6.64E-04	1.11E-03	4.15E-04	4.60E-06	1.40E-05	2.31E-05
355	0.86	2.97E-03	8.56E-01	8.49E-04	6.69E-04	1.04E-03	4.58E-04	4.72E-06	1.43E-05	2.38E-05
356	0.86	2.95E-03	8.52E-01	8.76E-04	6.56E-04	9.85E-04	4.92E-04	4.84E-06	1.47E-05	2.46E-05
357	0.85	2.93E-03	8.47E-01	9.03E-04	6.33E-04	9.58E-04	5.07E-04	4.97E-06	1.50E-05	2.53E-05
358	0.85	2.90E-03	8.41E-01	9.30E-04	6.05E-04	9.60E-04	5.02E-04	5.11E-06	1.54E-05	2.61E-05
359	0.84	2.88E-03	8.35E-01	9.57E-04	5.79E-04	9.81E-04	4.82E-04	5.25E-06	1.57E-05	2.70E-05
360	0.83	2.85E-03	8.28E-01	9.85E-04	5.60E-04	1.01E-03	4.56E-04	5.40E-06	1.61E-05	2.79E-05
361	0.83	2.83E-03	8.22E-01	1.02E-03	5.48E-04	1.04E-03	4.31E-04	5.55E-06	1.65E-05	2.88E-05
362	0.82	2.80E-03	8.15E-01	1.05E-03	5.45E-04	1.05E-03	4.11E-04	5.71E-06	1.70E-05	2.98E-05
363	0.81	2.77E-03	8.08E-01	1.08E-03	5.48E-04	1.06E-03	3.94E-04	5.88E-06	1.74E-05	3.09E-05
364	0.81	2.74E-03	8.01E-01	1.12E-03	5.56E-04	1.04E-03	3.83E-04	6.06E-06	1.79E-05	3.20E-05
365	0.80	2.71E-03	7.94E-01	1.15E-03	5.67E-04	1.02E-03	3.77E-04	6.25E-06	1.84E-05	3.32E-05
366	0.79	2.69E-03	7.88E-01	1.19E-03	5.78E-04	1.00E-03	3.78E-04	6.45E-06	1.89E-05	3.44E-05
367	0.79	2.66E-03	7.81E-01	1.23E-03	5.87E-04	9.93E-04	3.84E-04	6.66E-06	1.94E-05	3.57E-05
368	0.78	2.64E-03	7.74E-01	1.27E-03	5.94E-04	9.92E-04	3.94E-04	6.88E-06	2.00E-05	3.71E-05
369	0.77	2.61E-03	7.68E-01	1.31E-03	5.98E-04	9.94E-04	4.05E-04	7.12E-06	2.05E-05	3.86E-05

Berkley WTPF

Mitigated - - Risk Summary

		Cancer Risk								
Receptor #	Total Per/Million	Dredging	Peir	University	Seawall	Plaza	Boatlaunch	Haul 1	Haul 2	Haul 3
370	0.77	2.58E-03	7.61E-01	1.35E-03	5.99E-04	9.91E-04	4.15E-04	7.37E-06	2.12E-05	4.02E-05
371	0.76	2.56E-03	7.56E-01	1.40E-03	5.97E-04	9.78E-04	4.23E-04	7.63E-06	2.18E-05	4.18E-05
372	0.76	2.53E-03	7.51E-01	1.44E-03	5.92E-04	9.51E-04	4.30E-04	7.91E-06	2.25E-05	4.35E-05
373	0.83	2.88E-03	8.21E-01	7.90E-04	6.40E-04	1.03E-03	4.10E-04	4.52E-06	1.39E-05	2.29E-05
374	0.82	2.86E-03	8.16E-01	8.16E-04	6.41E-04	9.66E-04	4.50E-04	4.63E-06	1.42E-05	2.36E-05
375	0.82	2.84E-03	8.12E-01	8.41E-04	6.26E-04	9.18E-04	4.79E-04	4.75E-06	1.45E-05	2.43E-05
376	0.81	2.82E-03	8.07E-01	8.66E-04	6.02E-04	8.94E-04	4.89E-04	4.88E-06	1.49E-05	2.51E-05
377	0.81	2.80E-03	8.02E-01	8.91E-04	5.76E-04	8.96E-04	4.81E-04	5.01E-06	1.52E-05	2.59E-05
378	0.80	2.78E-03	7.96E-01	9.16E-04	5.51E-04	9.16E-04	4.61E-04	5.14E-06	1.56E-05	2.67E-05
379	0.80	2.75E-03	7.90E-01	9.42E-04	5.33E-04	9.43E-04	4.36E-04	5.29E-06	1.60E-05	2.76E-05
380	0.79	2.73E-03	7.84E-01	9.69E-04	5.23E-04	9.67E-04	4.13E-04	5.44E-06	1.64E-05	2.85E-05
381	0.78	2.70E-03	7.78E-01	9.99E-04	5.20E-04	9.84E-04	3.94E-04	5.60E-06	1.68E-05	2.95E-05
382	0.78	2.68E-03	7.71E-01	1.03E-03	5.23E-04	9.89E-04	3.78E-04	5.76E-06	1.72E-05	3.06E-05
383	0.77	2.65E-03	7.65E-01	1.06E-03	5.31E-04	9.81E-04	3.68E-04	5.94E-06	1.77E-05	3.17E-05
384	0.76	2.63E-03	7.59E-01	1.10E-03	5.41E-04	9.62E-04	3.62E-04	6.12E-06	1.82E-05	3.29E-05
385	0.76	2.60E-03	7.53E-01	1.13E-03	5.52E-04	9.43E-04	3.63E-04	6.31E-06	1.87E-05	3.41E-05
386	0.75	2.58E-03	7.46E-01	1.17E-03	5.61E-04	9.30E-04	3.69E-04	6.51E-06	1.92E-05	3.54E-05
387	0.75	2.55E-03	7.40E-01	1.20E-03	5.68E-04	9.27E-04	3.79E-04	6.73E-06	1.97E-05	3.68E-05
388	0.74	2.53E-03	7.34E-01	1.24E-03	5.72E-04	9.30E-04	3.89E-04	6.96E-06	2.03E-05	3.83E-05
389	0.79	2.77E-03	7.82E-01	7.61E-04	6.16E-04	9.59E-04	4.05E-04	4.44E-06	1.38E-05	2.28E-05
390	0.78	2.76E-03	7.78E-01	7.85E-04	6.14E-04	9.01E-04	4.41E-04	4.55E-06	1.41E-05	2.34E-05
391	0.78	2.74E-03	7.75E-01	8.08E-04	5.98E-04	8.58E-04	4.66E-04	4.67E-06	1.44E-05	2.41E-05
392	0.78	2.73E-03	7.71E-01	8.31E-04	5.74E-04	8.37E-04	4.72E-04	4.79E-06	1.47E-05	2.49E-05
393	0.77	2.71E-03	7.67E-01	8.54E-04	5.48E-04	8.38E-04	4.62E-04	4.91E-06	1.51E-05	2.56E-05
394	0.77	2.68E-03	7.61E-01	8.77E-04	5.26E-04	8.57E-04	4.41E-04	5.05E-06	1.54E-05	2.65E-05
395	0.76	2.66E-03	7.55E-01	9.02E-04	5.09E-04	8.82E-04	4.17E-04	5.19E-06	1.58E-05	2.73E-05
396	0.75	2.64E-03	7.49E-01	9.27E-04	4.99E-04	9.05E-04	3.95E-04	5.33E-06	1.62E-05	2.83E-05
397	0.75	2.61E-03	7.43E-01	9.54E-04	4.96E-04	9.22E-04	3.78E-04	5.48E-06	1.66E-05	2.92E-05
398	0.74	2.59E-03	7.37E-01	9.83E-04	5.00E-04	9.29E-04	3.64E-04	5.65E-06	1.71E-05	3.03E-05
399	0.74	2.57E-03	7.31E-01	1.01E-03	5.07E-04	9.24E-04	3.54E-04	5.81E-06	1.75E-05	3.13E-05
400	0.73	2.54E-03	7.26E-01	1.04E-03	5.17E-04	9.08E-04	3.49E-04	5.99E-06	1.80E-05	3.25E-05

Berkley WTPF

Mitigated - - Risk Summary

		Cancer Risk								
Receptor #	Total Per/Million	Dredging	Peir	University	Seawall	Plaza	Boatlaunch	Haul 1	Haul 2	Haul 3
401	0.73	2.52E-03	7.20E-01	1.08E-03	5.27E-04	8.89E-04	3.49E-04	6.18E-06	1.85E-05	3.37E-05
402	0.72	2.50E-03	7.14E-01	1.11E-03	5.37E-04	8.75E-04	3.55E-04	6.38E-06	1.90E-05	3.50E-05
403	0.71	2.47E-03	7.09E-01	1.14E-03	5.44E-04	8.69E-04	3.64E-04	6.59E-06	1.95E-05	3.64E-05
404	0.75	2.66E-03	7.42E-01	7.55E-04	5.87E-04	8.41E-04	4.32E-04	4.49E-06	1.40E-05	2.33E-05
405	0.75	2.65E-03	7.41E-01	7.78E-04	5.71E-04	8.03E-04	4.53E-04	4.59E-06	1.43E-05	2.39E-05
406	0.74	2.64E-03	7.38E-01	7.99E-04	5.48E-04	7.85E-04	4.56E-04	4.70E-06	1.46E-05	2.46E-05
407	0.74	2.62E-03	7.34E-01	8.20E-04	5.23E-04	7.86E-04	4.43E-04	4.82E-06	1.49E-05	2.54E-05
408	0.73	2.60E-03	7.28E-01	8.42E-04	5.02E-04	8.04E-04	4.22E-04	4.95E-06	1.53E-05	2.62E-05
409	0.73	2.58E-03	7.23E-01	8.64E-04	4.86E-04	8.27E-04	4.00E-04	5.09E-06	1.57E-05	2.71E-05
410	0.72	2.55E-03	7.17E-01	8.88E-04	4.77E-04	8.49E-04	3.79E-04	5.23E-06	1.61E-05	2.80E-05
411	0.72	2.53E-03	7.11E-01	9.13E-04	4.75E-04	8.66E-04	3.63E-04	5.38E-06	1.65E-05	2.89E-05
412	0.71	2.51E-03	7.06E-01	9.39E-04	4.78E-04	8.74E-04	3.50E-04	5.54E-06	1.69E-05	2.99E-05
413	0.71	2.49E-03	7.00E-01	9.67E-04	4.85E-04	8.72E-04	3.40E-04	5.70E-06	1.74E-05	3.10E-05
414	0.70	2.46E-03	6.95E-01	9.95E-04	4.95E-04	8.58E-04	3.36E-04	5.87E-06	1.78E-05	3.21E-05
415	0.70	2.44E-03	6.90E-01	1.02E-03	5.05E-04	8.40E-04	3.36E-04	6.06E-06	1.83E-05	3.33E-05
416	0.69	2.42E-03	6.85E-01	1.05E-03	5.14E-04	8.25E-04	3.42E-04	6.25E-06	1.88E-05	3.46E-05
417	0.68	2.40E-03	6.79E-01	1.08E-03	5.21E-04	8.18E-04	3.51E-04	6.45E-06	1.94E-05	3.60E-05
418	0.71	2.54E-03	7.04E-01	7.68E-04	5.22E-04	7.36E-04	4.38E-04	4.64E-06	1.45E-05	2.45E-05
419	0.71	2.53E-03	7.03E-01	7.88E-04	5.00E-04	7.40E-04	4.25E-04	4.74E-06	1.48E-05	2.52E-05
420	0.70	2.52E-03	6.98E-01	8.09E-04	4.80E-04	7.55E-04	4.05E-04	4.86E-06	1.52E-05	2.59E-05
421	0.70	2.50E-03	6.93E-01	8.29E-04	4.65E-04	7.77E-04	3.83E-04	5.00E-06	1.56E-05	2.68E-05
422	0.69	2.48E-03	6.88E-01	8.51E-04	4.57E-04	7.98E-04	3.64E-04	5.14E-06	1.59E-05	2.77E-05
423	0.69	2.45E-03	6.82E-01	8.74E-04	4.55E-04	8.15E-04	3.49E-04	5.28E-06	1.63E-05	2.86E-05
424	0.68	2.43E-03	6.77E-01	8.98E-04	4.58E-04	8.24E-04	3.37E-04	5.43E-06	1.68E-05	2.96E-05
425	0.68	2.41E-03	6.71E-01	9.24E-04	4.65E-04	8.24E-04	3.28E-04	5.59E-06	1.72E-05	3.06E-05
426	0.67	2.39E-03	6.66E-01	9.49E-04	4.74E-04	8.13E-04	3.24E-04	5.76E-06	1.77E-05	3.18E-05
427	0.67	2.37E-03	6.62E-01	9.76E-04	4.84E-04	7.97E-04	3.24E-04	5.94E-06	1.81E-05	3.30E-05
428	0.66	2.35E-03	6.57E-01	1.00E-03	4.93E-04	7.81E-04	3.30E-04	6.13E-06	1.86E-05	3.42E-05
429	0.66	2.33E-03	6.51E-01	1.03E-03	4.99E-04	7.71E-04	3.37E-04	6.34E-06	1.92E-05	3.56E-05
430	0.66	2.38E-03	6.53E-01	8.38E-04	4.36E-04	7.68E-04	3.35E-04	5.20E-06	1.62E-05	2.83E-05
431	0.65	2.36E-03	6.49E-01	8.61E-04	4.39E-04	7.78E-04	3.24E-04	5.34E-06	1.66E-05	2.93E-05

Berkley WTPF

Mitigated - - Risk Summary

		Cancer Risk								
Receptor #	Total Per/Million	Dredging	Peir	University	Seawall	Plaza	Boatlaunch	Haul 1	Haul 2	Haul 3
432	0.65	2.34E-03	6.44E-01	8.84E-04	4.46E-04	7.80E-04	3.16E-04	5.50E-06	1.71E-05	3.03E-05
433	0.64	2.32E-03	6.39E-01	9.07E-04	4.55E-04	7.72E-04	3.12E-04	5.66E-06	1.75E-05	3.14E-05
434	0.64	2.30E-03	6.35E-01	9.31E-04	4.64E-04	7.57E-04	3.13E-04	5.83E-06	1.80E-05	3.26E-05
435	0.64	2.28E-03	6.31E-01	9.56E-04	4.73E-04	7.41E-04	3.18E-04	6.01E-06	1.85E-05	3.38E-05
						Park				
436	2.12	6.10E-03	2.08E+00	9.39E-04	2.65E-02	2.94E-03	2.27E-03	2.70E-06	7.88E-06	8.19E-06
437	1.95	5.52E-03	1.92E+00	9.36E-04	2.46E-02	3.03E-03	2.52E-03	2.79E-06	8.12E-06	8.29E-06
438	2.70	7.75E-03	2.67E+00	1.04E-03	1.95E-02	3.92E-03	1.59E-03	2.51E-06	7.37E-06	8.16E-06
439	2.47	6.90E-03	2.44E+00	1.06E-03	2.06E-02	3.90E-03	1.71E-03	2.60E-06	7.59E-06	8.26E-06
440	2.26	6.21E-03	2.23E+00	1.07E-03	2.17E-02	4.06E-03	1.94E-03	2.68E-06	7.82E-06	8.36E-06
441	2.06	5.60E-03	2.03E+00	1.07E-03	1.70E-02	4.21E-03	2.12E-03	2.78E-06	8.06E-06	8.46E-06
442	3.29	8.88E-03	3.26E+00	1.17E-03	1.05E-02	5.62E-03	1.32E-03	2.38E-06	7.11E-06	8.18E-06
443	2.95	7.77E-03	2.92E+00	1.19E-03	1.68E-02	5.51E-03	1.35E-03	2.47E-06	7.31E-06	8.30E-06
444	2.65	6.92E-03	2.62E+00	1.21E-03	1.56E-02	5.68E-03	1.48E-03	2.57E-06	7.53E-06	8.41E-06
445	2.39	6.22E-03	2.36E+00	1.23E-03	1.32E-02	5.91E-03	1.68E-03	2.66E-06	7.75E-06	8.52E-06
446	2.16	5.62E-03	2.13E+00	1.23E-03	1.13E-02	5.94E-03	1.80E-03	2.76E-06	7.99E-06	8.63E-06
447	3.64	8.73E-03	3.61E+00	1.36E-03	1.10E-02	8.56E-03	1.13E-03	2.34E-06	7.05E-06	8.31E-06
448	3.19	7.66E-03	3.16E+00	1.39E-03	1.19E-02	8.65E-03	1.17E-03	2.44E-06	7.25E-06	8.43E-06
449	2.82	6.83E-03	2.80E+00	1.42E-03	1.02E-02	8.83E-03	1.30E-03	2.53E-06	7.47E-06	8.56E-06
450	2.52	6.16E-03	2.49E+00	1.44E-03	9.03E-03	8.73E-03	1.47E-03	2.63E-06	7.69E-06	8.67E-06
451	2.25	5.56E-03	2.22E+00	1.45E-03	7.95E-03	8.21E-03	1.54E-03	2.73E-06	7.93E-06	8.80E-06
452	2.02	5.06E-03	2.00E+00	1.47E-03	7.04E-03	7.48E-03	1.50E-03	2.84E-06	8.18E-06	8.92E-06
453	3.98	8.49E-03	3.95E+00	1.61E-03	7.69E-03	1.52E-02	9.79E-04	2.30E-06	7.00E-06	8.43E-06
454	3.42	7.47E-03	3.38E+00	1.65E-03	8.76E-03	1.48E-02	1.03E-03	2.39E-06	7.20E-06	8.56E-06
455	2.97	6.67E-03	2.94E+00	1.70E-03	7.45E-03	1.39E-02	1.16E-03	2.49E-06	7.41E-06	8.70E-06
456	2.62	6.02E-03	2.59E+00	1.74E-03	6.65E-03	1.25E-02	1.30E-03	2.58E-06	7.62E-06	8.82E-06
457	2.32	5.45E-03	2.29E+00	1.77E-03	5.94E-03	1.09E-02	1.34E-03	2.69E-06	7.86E-06	8.95E-06
458	2.07	4.96E-03	2.05E+00	1.80E-03	5.36E-03	9.27E-03	1.28E-03	2.80E-06	8.10E-06	9.09E-06
459	5.18	9.35E-03	5.12E+00	1.88E-03	3.78E-03	3.59E-02	8.48E-04	2.18E-06	6.75E-06	8.40E-06
460	4.26	8.17E-03	4.21E+00	1.97E-03	8.89E-03	3.08E-02	8.60E-04	2.26E-06	6.94E-06	8.54E-06
461	3.58	7.21E-03	3.54E+00	2.04E-03	6.70E-03	2.58E-02	9.22E-04	2.35E-06	7.14E-06	8.69E-06

Berkley WTPF

Mitigated - - Risk Summary

		Cancer Risk								
Receptor #	Total Per/Million	Dredging	Peir	University	Seawall	Plaza	Boatlaunch	Haul 1	Haul 2	Haul 3
462	3.08	6.45E-03	3.04E+00	2.12E-03	5.70E-03	2.12E-02	1.04E-03	2.44E-06	7.34E-06	8.83E-06
463	2.69	5.84E-03	2.66E+00	2.20E-03	5.11E-03	1.71E-02	1.16E-03	2.54E-06	7.56E-06	8.96E-06
464	2.37	5.29E-03	2.34E+00	2.25E-03	4.61E-03	1.37E-02	1.17E-03	2.65E-06	7.79E-06	9.11E-06
465	2.11	4.83E-03	2.08E+00	2.29E-03	4.21E-03	1.10E-02	1.11E-03	2.76E-06	8.03E-06	9.25E-06
466	1.89	4.43E-03	1.87E+00	2.30E-03	3.88E-03	8.96E-03	1.08E-03	2.88E-06	8.28E-06	9.40E-06
467	5.34	8.86E-03	5.28E+00	2.40E-03	3.68E-03	4.95E-02	7.47E-04	2.14E-06	6.70E-06	8.50E-06
468	4.36	7.77E-03	4.28E+00	2.57E-03	6.17E-03	6.27E-02	7.66E-04	2.22E-06	6.89E-06	8.65E-06
469	3.63	6.89E-03	3.57E+00	2.71E-03	4.94E-03	4.23E-02	8.36E-04	2.31E-06	7.08E-06	8.81E-06
470	3.10	6.19E-03	3.06E+00	2.86E-03	4.34E-03	3.00E-02	9.49E-04	2.40E-06	7.28E-06	8.96E-06
471	2.70	5.61E-03	2.67E+00	2.99E-03	3.97E-03	2.20E-02	1.03E-03	2.49E-06	7.49E-06	9.10E-06
472	2.37	5.10E-03	2.34E+00	3.04E-03	3.63E-03	1.65E-02	1.02E-03	2.60E-06	7.72E-06	9.25E-06
473	2.11	4.66E-03	2.08E+00	3.04E-03	3.36E-03	1.28E-02	9.71E-04	2.71E-06	7.95E-06	9.41E-06
474	1.89	4.29E-03	1.87E+00	3.01E-03	3.14E-03	1.02E-02	9.41E-04	2.83E-06	8.20E-06	9.56E-06
475	1.71	3.97E-03	1.69E+00	2.95E-03	2.93E-03	8.23E-03	9.52E-04	2.96E-06	8.47E-06	9.72E-06
476	5.02	8.31E-03	4.96E+00	3.42E-03	4.08E-03	4.45E-02	6.64E-04	2.11E-06	6.65E-06	8.60E-06
477	4.17	7.32E-03	4.08E+00	3.83E-03	3.78E-03	7.59E-02	6.92E-04	2.19E-06	6.83E-06	8.76E-06
478	3.50	6.51E-03	3.43E+00	4.17E-03	3.46E-03	5.87E-02	7.66E-04	2.27E-06	7.02E-06	8.92E-06
479	3.01	5.88E-03	2.96E+00	4.40E-03	3.25E-03	3.79E-02	8.67E-04	2.36E-06	7.22E-06	9.08E-06
480	2.63	5.35E-03	2.59E+00	4.47E-03	3.07E-03	2.63E-02	9.26E-04	2.45E-06	7.43E-06	9.23E-06
481	2.32	4.88E-03	2.28E+00	4.39E-03	2.87E-03	1.91E-02	9.05E-04	2.55E-06	7.65E-06	9.39E-06
482	2.06	4.47E-03	2.04E+00	4.25E-03	2.70E-03	1.45E-02	8.56E-04	2.66E-06	7.88E-06	9.56E-06
483	1.85	4.12E-03	1.83E+00	4.10E-03	2.56E-03	1.14E-02	8.30E-04	2.78E-06	8.12E-06	9.72E-06
484	1.68	3.82E-03	1.66E+00	3.94E-03	2.42E-03	9.13E-03	8.40E-04	2.90E-06	8.38E-06	9.89E-06
485	1.53	3.56E-03	1.51E+00	3.77E-03	2.29E-03	7.51E-03	8.64E-04	3.03E-06	8.66E-06	1.01E-05
486	1.40	3.33E-03	1.39E+00	3.61E-03	2.16E-03	6.28E-03	8.77E-04	3.17E-06	8.94E-06	1.02E-05
487	4.46	7.72E-03	4.36E+00	4.43E-03	2.56E-03	8.25E-02	5.97E-04	2.08E-06	6.60E-06	8.69E-06
488	3.80	6.83E-03	3.67E+00	6.21E-03	2.58E-03	1.09E-01	6.32E-04	2.16E-06	6.78E-06	8.86E-06
489	3.23	6.11E-03	3.15E+00	8.83E-03	2.53E-03	6.26E-02	7.08E-04	2.24E-06	6.97E-06	9.02E-06
490	2.80	5.53E-03	2.74E+00	8.22E-03	2.46E-03	4.00E-02	7.92E-04	2.32E-06	7.16E-06	9.19E-06
491	2.47	5.04E-03	2.42E+00	7.56E-03	2.38E-03	2.77E-02	8.28E-04	2.41E-06	7.37E-06	9.36E-06
492	2.20	4.63E-03	2.16E+00	6.98E-03	2.29E-03	2.03E-02	8.04E-04	2.51E-06	7.58E-06	9.53E-06

Berkley WTPF

Mitigated - - Risk Summary

		Cancer Risk								
Receptor #	Total Per/Million	Dredging	Peir	University	Seawall	Plaza	Boatlaunch	Haul 1	Haul 2	Haul 3
493	1.97	4.27E-03	1.94E+00	6.44E-03	2.20E-03	1.54E-02	7.59E-04	2.61E-06	7.81E-06	9.70E-06
494	1.78	3.95E-03	1.75E+00	5.96E-03	2.11E-03	1.20E-02	7.38E-04	2.72E-06	8.05E-06	9.88E-06
495	1.62	3.67E-03	1.60E+00	5.55E-03	2.02E-03	9.67E-03	7.47E-04	2.85E-06	8.30E-06	1.01E-05
496	1.48	3.42E-03	1.46E+00	5.19E-03	1.92E-03	7.93E-03	7.68E-04	2.98E-06	8.57E-06	1.02E-05
497	1.36	3.21E-03	1.34E+00	4.87E-03	1.83E-03	6.62E-03	7.82E-04	3.12E-06	8.85E-06	1.04E-05
498	1.26	3.02E-03	1.24E+00	4.58E-03	1.75E-03	5.60E-03	7.79E-04	3.27E-06	9.15E-06	1.06E-05
499	1.17	2.85E-03	1.15E+00	4.32E-03	1.67E-03	4.81E-03	7.66E-04	3.42E-06	9.46E-06	1.08E-05
500	2.88	5.70E-03	2.81E+00	8.56E-03	1.97E-03	5.22E-02	6.59E-04	2.20E-06	6.91E-06	9.12E-06
501	2.53	5.18E-03	2.48E+00	1.08E-02	1.95E-03	3.51E-02	7.27E-04	2.29E-06	7.10E-06	9.30E-06
502	2.25	4.74E-03	2.21E+00	1.18E-02	1.91E-03	2.52E-02	7.46E-04	2.37E-06	7.30E-06	9.48E-06
503	2.03	4.37E-03	1.99E+00	1.33E-02	1.86E-03	1.89E-02	7.17E-04	2.47E-06	7.52E-06	9.66E-06
504	1.84	4.05E-03	1.81E+00	1.13E-02	1.81E-03	1.47E-02	6.77E-04	2.57E-06	7.74E-06	9.84E-06
505	1.67	3.76E-03	1.65E+00	9.78E-03	1.76E-03	1.17E-02	6.60E-04	2.67E-06	7.97E-06	1.00E-05
506	1.53	3.50E-03	1.51E+00	8.64E-03	1.70E-03	9.46E-03	6.69E-04	2.79E-06	8.22E-06	1.02E-05
507	1.41	3.28E-03	1.39E+00	7.75E-03	1.63E-03	7.81E-03	6.88E-04	2.92E-06	8.48E-06	1.04E-05
508	1.30	3.08E-03	1.28E+00	7.03E-03	1.57E-03	6.54E-03	7.03E-04	3.05E-06	8.76E-06	1.06E-05
509	1.20	2.90E-03	1.19E+00	6.44E-03	1.50E-03	5.56E-03	7.03E-04	3.20E-06	9.05E-06	1.08E-05
510	1.12	2.74E-03	1.11E+00	5.94E-03	1.44E-03	4.77E-03	6.90E-04	3.36E-06	9.36E-06	1.10E-05
511	1.05	2.59E-03	1.03E+00	5.50E-03	1.38E-03	4.14E-03	6.78E-04	3.53E-06	9.69E-06	1.12E-05
512	1.68	3.81E-03	1.65E+00	1.22E-02	1.51E-03	1.25E-02	6.06E-04	2.53E-06	7.67E-06	9.98E-06
513	1.55	3.56E-03	1.52E+00	1.82E-02	1.49E-03	1.03E-02	5.94E-04	2.63E-06	7.90E-06	1.02E-05
514	1.43	3.33E-03	1.40E+00	1.64E-02	1.45E-03	8.51E-03	6.02E-04	2.74E-06	8.14E-06	1.04E-05
515	1.32	3.12E-03	1.30E+00	1.35E-02	1.40E-03	7.15E-03	6.20E-04	2.86E-06	8.40E-06	1.06E-05
516	1.23	2.94E-03	1.20E+00	1.15E-02	1.35E-03	6.07E-03	6.35E-04	2.99E-06	8.67E-06	1.08E-05
517	1.14	2.77E-03	1.12E+00	1.00E-02	1.30E-03	5.21E-03	6.37E-04	3.14E-06	8.95E-06	1.10E-05
518	1.07	2.62E-03	1.05E+00	8.88E-03	1.26E-03	4.51E-03	6.27E-04	3.29E-06	9.26E-06	1.12E-05
519	1.00	2.49E-03	9.83E-01	7.97E-03	1.21E-03	3.94E-03	6.15E-04	3.45E-06	9.58E-06	1.14E-05
520	2.68	5.87E-03	2.63E+00	3.75E-03	1.33E-03	3.13E-02	4.60E-04	2.00E-06	6.45E-06	8.91E-06
521	2.40	5.31E-03	2.36E+00	5.44E-03	1.35E-03	2.62E-02	5.11E-04	2.07E-06	6.62E-06	9.11E-06
522	2.17	4.85E-03	2.13E+00	7.68E-03	1.36E-03	2.14E-02	5.76E-04	2.14E-06	6.80E-06	9.30E-06
523	1.22	2.96E-03	1.19E+00	1.34E-02	1.22E-03	6.18E-03	5.62E-04	2.81E-06	8.31E-06	1.07E-05

Berkley WTPF
Mitigated - - Risk Summary

		Cancer Risk								
Receptor #	Total Per/Million	Dredging	Peir	University	Seawall	Plaza	Boatlaunch	Haul 1	Haul 2	Haul 3
524	1.14	2.79E-03	1.12E+00	1.62E-02	1.18E-03	5.36E-03	5.76E-04	2.94E-06	8.58E-06	1.09E-05
525	1.07	2.64E-03	1.05E+00	1.73E-02	1.14E-03	4.68E-03	5.80E-04	3.07E-06	8.86E-06	1.12E-05
526	1.01	2.51E-03	9.84E-01	1.59E-02	1.10E-03	4.11E-03	5.73E-04	3.22E-06	9.16E-06	1.14E-05
527	0.95	2.38E-03	9.27E-01	1.33E-02	1.07E-03	3.64E-03	5.61E-04	3.38E-06	9.47E-06	1.16E-05
0	0.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Berkley WTPF
Mitigated - - Risk Summary

		Chronic Non Cancer Risk										
Receptor #	**Receptor #**	**Max Chronic**	**Dredging**	**Peir**	**University**	**Seawall**	**Plaza**	**Boatlaunch**	**Haul 1**	**Haul 2**	**Haul 3**	
1	**1**	**0.004**	**5.0E-05**	**5.9E-03**	**1.0E-04**	**1.4E-04**	**5.9E-04**	**1.4E-05**	**7.6E-08**	**2.0E-07**	**5.7E-05**	Max HI
Max Park	**Max Park**	**0.006**	**459**	**467**	**513**	**436**	**488**	**437**	**120**	**120**	**210**	Max Rec
Total	**Total**	**0.010**					Residence					
1	**1**	4.00E-03	4.89E-05	3.81E-03	2.89E-05	1.24E-05	6.52E-05	7.32E-06	3.38E-08	1.11E-07	3.03E-05	
2	**2**	3.83E-03	4.68E-05	3.64E-03	3.22E-05	1.22E-05	6.16E-05	7.17E-06	3.50E-08	1.14E-07	3.10E-05	
3	**3**	3.66E-03	4.48E-05	3.47E-03	3.57E-05	1.21E-05	5.84E-05	6.76E-06	3.63E-08	1.17E-07	3.18E-05	
4	**4**	3.49E-03	4.29E-05	3.30E-03	3.94E-05	1.21E-05	5.57E-05	6.35E-06	3.77E-08	1.20E-07	3.26E-05	
5	**5**	3.33E-03	4.11E-05	3.14E-03	4.34E-05	1.21E-05	5.32E-05	6.10E-06	3.91E-08	1.23E-07	3.34E-05	
6	**6**	3.17E-03	3.93E-05	2.98E-03	4.78E-05	1.20E-05	5.03E-05	6.06E-06	4.07E-08	1.27E-07	3.42E-05	
7	**7**	3.02E-03	3.77E-05	2.83E-03	5.26E-05	1.20E-05	4.69E-05	6.17E-06	4.24E-08	1.31E-07	3.51E-05	
8	**8**	2.89E-03	3.62E-05	2.70E-03	5.79E-05	1.18E-05	4.33E-05	6.36E-06	4.42E-08	1.35E-07	3.59E-05	
9	**9**	3.72E-03	4.59E-05	3.55E-03	2.22E-05	1.13E-05	5.36E-05	6.64E-06	3.25E-08	1.07E-07	2.97E-05	
10	**10**	3.60E-03	4.43E-05	3.43E-03	2.44E-05	1.11E-05	5.19E-05	6.85E-06	3.35E-08	1.10E-07	3.04E-05	
11	**11**	3.45E-03	4.26E-05	3.29E-03	2.69E-05	1.09E-05	4.93E-05	6.64E-06	3.46E-08	1.13E-07	3.11E-05	
12	**12**	3.31E-03	4.09E-05	3.14E-03	2.94E-05	1.09E-05	4.67E-05	6.24E-06	3.59E-08	1.16E-07	3.19E-05	
13	**13**	3.17E-03	3.94E-05	3.00E-03	3.21E-05	1.09E-05	4.46E-05	5.87E-06	3.72E-08	1.19E-07	3.28E-05	
14	**14**	3.04E-03	3.79E-05	2.87E-03	3.50E-05	1.09E-05	4.31E-05	5.66E-06	3.86E-08	1.22E-07	3.36E-05	
15	**15**	2.91E-03	3.65E-05	2.74E-03	3.81E-05	1.09E-05	4.16E-05	5.63E-06	4.01E-08	1.26E-07	3.44E-05	
16	**16**	2.79E-03	3.52E-05	2.62E-03	4.15E-05	1.09E-05	3.97E-05	5.75E-06	4.17E-08	1.29E-07	3.53E-05	
17	**17**	2.67E-03	3.40E-05	2.50E-03	4.52E-05	1.08E-05	3.74E-05	5.93E-06	4.34E-08	1.33E-07	3.62E-05	
18	**18**	2.56E-03	3.27E-05	2.39E-03	4.92E-05	1.06E-05	3.49E-05	6.08E-06	4.53E-08	1.37E-07	3.71E-05	
19	**19**	2.45E-03	3.15E-05	2.28E-03	5.35E-05	1.04E-05	3.22E-05	6.16E-06	4.74E-08	1.42E-07	3.81E-05	
20	**20**	2.36E-03	3.04E-05	2.18E-03	5.84E-05	1.02E-05	2.97E-05	6.18E-06	4.95E-08	1.46E-07	3.91E-05	
21	**21**	3.34E-03	4.16E-05	3.19E-03	1.94E-05	1.02E-05	4.32E-05	6.29E-06	3.24E-08	1.06E-07	2.97E-05	
22	**22**	3.25E-03	4.04E-05	3.10E-03	2.12E-05	1.00E-05	4.22E-05	6.41E-06	3.33E-08	1.09E-07	3.05E-05	
23	**23**	3.14E-03	3.89E-05	2.99E-03	2.30E-05	9.87E-06	4.05E-05	6.16E-06	3.44E-08	1.12E-07	3.13E-05	
24	**24**	3.02E-03	3.76E-05	2.87E-03	2.50E-05	9.81E-06	3.85E-05	5.78E-06	3.56E-08	1.15E-07	3.21E-05	
25	**25**	2.90E-03	3.63E-05	2.75E-03	2.70E-05	9.84E-06	3.66E-05	5.45E-06	3.69E-08	1.18E-07	3.29E-05	
26	**26**	2.79E-03	3.51E-05	2.64E-03	2.92E-05	9.90E-06	3.52E-05	5.26E-06	3.82E-08	1.21E-07	3.38E-05	
27	**27**	2.68E-03	3.39E-05	2.53E-03	3.15E-05	9.92E-06	3.43E-05	5.24E-06	3.97E-08	1.25E-07	3.47E-05	
28	**28**	2.58E-03	3.28E-05	2.43E-03	3.39E-05	9.89E-06	3.34E-05	5.35E-06	4.12E-08	1.28E-07	3.56E-05	

Berkley WTPF
Mitigated - - Risk Summary

		Chronic Non Cancer Risk									
Receptor #	**Receptor #**	**Max Chronic**	**Dredging**	**Peir**	**University**	**Seawall**	**Plaza**	**Boatlaunch**	**Haul 1**	**Haul 2**	**Haul 3**
29	**29**	2.48E-03	3.17E-05	2.32E-03	3.66E-05	9.81E-06	3.22E-05	5.51E-06	4.29E-08	1.32E-07	3.65E-05
30	**30**	2.38E-03	3.07E-05	2.23E-03	3.96E-05	9.68E-06	3.06E-05	5.66E-06	4.46E-08	1.36E-07	3.75E-05
31	**31**	2.29E-03	2.97E-05	2.13E-03	4.28E-05	9.52E-06	2.87E-05	5.77E-06	4.65E-08	1.40E-07	3.84E-05
32	**32**	2.20E-03	2.88E-05	2.05E-03	4.62E-05	9.34E-06	2.67E-05	5.80E-06	4.86E-08	1.45E-07	3.94E-05
33	**33**	2.13E-03	2.79E-05	1.97E-03	5.00E-05	9.15E-06	2.48E-05	5.73E-06	5.08E-08	1.49E-07	4.04E-05
34	**34**	2.05E-03	2.70E-05	1.89E-03	5.43E-05	8.95E-06	2.30E-05	5.61E-06	5.31E-08	1.54E-07	4.15E-05
35	**35**	1.99E-03	2.61E-05	1.83E-03	5.91E-05	8.75E-06	2.14E-05	5.49E-06	5.57E-08	1.60E-07	4.26E-05
36	**36**	1.93E-03	2.53E-05	1.76E-03	6.48E-05	8.53E-06	2.00E-05	5.42E-06	5.85E-08	1.65E-07	4.37E-05
37	**37**	3.03E-03	3.83E-05	2.90E-03	1.74E-05	9.32E-06	3.56E-05	5.97E-06	3.23E-08	1.05E-07	2.97E-05
38	**38**	2.95E-03	3.71E-05	2.81E-03	1.87E-05	9.11E-06	3.50E-05	5.99E-06	3.33E-08	1.08E-07	3.05E-05
39	**39**	2.86E-03	3.59E-05	2.73E-03	2.02E-05	8.96E-06	3.39E-05	5.73E-06	3.44E-08	1.11E-07	3.14E-05
40	**40**	2.77E-03	3.47E-05	2.63E-03	2.18E-05	8.92E-06	3.24E-05	5.37E-06	3.56E-08	1.14E-07	3.22E-05
41	**41**	2.67E-03	3.36E-05	2.54E-03	2.34E-05	8.96E-06	3.07E-05	5.07E-06	3.68E-08	1.17E-07	3.31E-05
42	**42**	2.58E-03	3.26E-05	2.45E-03	2.51E-05	9.03E-06	2.94E-05	4.90E-06	3.81E-08	1.20E-07	3.40E-05
43	**43**	2.49E-03	3.16E-05	2.35E-03	2.68E-05	9.07E-06	2.85E-05	4.88E-06	3.95E-08	1.23E-07	3.49E-05
44	**44**	2.40E-03	3.06E-05	2.26E-03	2.87E-05	9.05E-06	2.80E-05	4.98E-06	4.09E-08	1.27E-07	3.59E-05
45	**45**	2.31E-03	2.97E-05	2.17E-03	3.07E-05	8.99E-06	2.74E-05	5.14E-06	4.25E-08	1.31E-07	3.68E-05
46	**46**	2.22E-03	2.88E-05	2.08E-03	3.29E-05	8.88E-06	2.66E-05	5.28E-06	4.42E-08	1.35E-07	3.78E-05
47	**47**	2.14E-03	2.80E-05	2.00E-03	3.53E-05	8.75E-06	2.55E-05	5.39E-06	4.61E-08	1.39E-07	3.88E-05
48	**48**	2.06E-03	2.72E-05	1.92E-03	3.80E-05	8.60E-06	2.41E-05	5.43E-06	4.80E-08	1.43E-07	3.98E-05
49	**49**	1.99E-03	2.64E-05	1.85E-03	4.08E-05	8.44E-06	2.26E-05	5.39E-06	5.01E-08	1.48E-07	4.09E-05
50	**50**	1.92E-03	2.56E-05	1.78E-03	4.40E-05	8.27E-06	2.10E-05	5.28E-06	5.24E-08	1.53E-07	4.20E-05
51	**51**	1.86E-03	2.49E-05	1.71E-03	4.75E-05	8.10E-06	1.96E-05	5.16E-06	5.49E-08	1.58E-07	4.31E-05
52	**52**	1.81E-03	2.41E-05	1.65E-03	5.16E-05	7.92E-06	1.82E-05	5.08E-06	5.76E-08	1.63E-07	4.43E-05
53	**53**	1.75E-03	2.34E-05	1.60E-03	5.66E-05	7.72E-06	1.71E-05	5.06E-06	6.05E-08	1.69E-07	4.56E-05
54	**54**	1.71E-03	2.28E-05	1.55E-03	6.30E-05	7.53E-06	1.61E-05	5.08E-06	6.37E-08	1.76E-07	4.68E-05
55	**55**	1.67E-03	2.21E-05	1.50E-03	7.16E-05	7.34E-06	1.52E-05	5.09E-06	6.72E-08	1.82E-07	4.81E-05
56	**56**	2.82E-03	3.63E-05	2.69E-03	1.47E-05	8.72E-06	2.97E-05	5.36E-06	3.17E-08	1.02E-07	2.89E-05
57	**57**	2.76E-03	3.54E-05	2.64E-03	1.57E-05	8.53E-06	2.98E-05	5.66E-06	3.25E-08	1.05E-07	2.97E-05
58	**58**	2.69E-03	3.43E-05	2.57E-03	1.68E-05	8.32E-06	2.94E-05	5.61E-06	3.35E-08	1.07E-07	3.06E-05
59	**59**	2.62E-03	3.33E-05	2.50E-03	1.80E-05	8.18E-06	2.87E-05	5.33E-06	3.46E-08	1.10E-07	3.14E-05

Berkley WTPF
Mitigated - - Risk Summary

		Chronic Non Cancer Risk									
Receptor #	**Receptor #**	**Max Chronic**	**Dredging**	**Peir**	**University**	**Seawall**	**Plaza**	**Boatlaunch**	**Haul 1**	**Haul 2**	**Haul 3**
60	**60**	2.55E-03	3.23E-05	2.43E-03	1.93E-05	8.15E-06	2.77E-05	5.00E-06	3.57E-08	1.13E-07	3.23E-05
61	**61**	2.47E-03	3.13E-05	2.35E-03	2.06E-05	8.20E-06	2.64E-05	4.73E-06	3.69E-08	1.16E-07	3.32E-05
62	**62**	2.40E-03	3.04E-05	2.27E-03	2.20E-05	8.28E-06	2.51E-05	4.58E-06	3.81E-08	1.19E-07	3.42E-05
63	**63**	2.32E-03	2.95E-05	2.20E-03	2.34E-05	8.33E-06	2.41E-05	4.57E-06	3.95E-08	1.22E-07	3.51E-05
64	**64**	2.24E-03	2.87E-05	2.12E-03	2.49E-05	8.33E-06	2.36E-05	4.66E-06	4.09E-08	1.26E-07	3.61E-05
65	**65**	2.17E-03	2.79E-05	2.04E-03	2.65E-05	8.28E-06	2.33E-05	4.80E-06	4.24E-08	1.29E-07	3.71E-05
66	**66**	2.09E-03	2.71E-05	1.96E-03	2.82E-05	8.19E-06	2.30E-05	4.94E-06	4.41E-08	1.33E-07	3.81E-05
67	**67**	2.02E-03	2.64E-05	1.89E-03	3.01E-05	8.07E-06	2.24E-05	5.04E-06	4.58E-08	1.37E-07	3.92E-05
68	**68**	1.95E-03	2.57E-05	1.81E-03	3.21E-05	7.94E-06	2.16E-05	5.09E-06	4.77E-08	1.42E-07	4.02E-05
69	**69**	1.88E-03	2.50E-05	1.74E-03	3.43E-05	7.81E-06	2.05E-05	5.07E-06	4.97E-08	1.46E-07	4.14E-05
70	**70**	1.81E-03	2.43E-05	1.68E-03	3.68E-05	7.67E-06	1.94E-05	4.98E-06	5.19E-08	1.51E-07	4.25E-05
71	**71**	1.76E-03	2.37E-05	1.62E-03	3.96E-05	7.52E-06	1.81E-05	4.86E-06	5.43E-08	1.56E-07	4.37E-05
72	**72**	1.70E-03	2.30E-05	1.56E-03	4.28E-05	7.36E-06	1.69E-05	4.78E-06	5.69E-08	1.62E-07	4.49E-05
73	**73**	1.65E-03	2.24E-05	1.51E-03	4.67E-05	7.20E-06	1.58E-05	4.75E-06	5.96E-08	1.67E-07	4.61E-05
74	**74**	1.61E-03	2.18E-05	1.46E-03	5.15E-05	7.02E-06	1.48E-05	4.76E-06	6.27E-08	1.73E-07	4.74E-05
75	**75**	1.57E-03	2.12E-05	1.42E-03	5.79E-05	6.85E-06	1.40E-05	4.78E-06	6.60E-08	1.80E-07	4.88E-05
76	**76**	2.57E-03	3.35E-05	2.46E-03	1.35E-05	8.03E-06	2.51E-05	5.14E-06	3.20E-08	1.01E-07	2.89E-05
77	**77**	2.53E-03	3.28E-05	2.41E-03	1.43E-05	7.83E-06	2.53E-05	5.35E-06	3.29E-08	1.04E-07	2.97E-05
78	**78**	2.47E-03	3.19E-05	2.36E-03	1.53E-05	7.62E-06	2.51E-05	5.26E-06	3.39E-08	1.06E-07	3.06E-05
79	**79**	2.41E-03	3.11E-05	2.30E-03	1.63E-05	7.50E-06	2.46E-05	4.98E-06	3.49E-08	1.09E-07	3.15E-05
80	**80**	2.36E-03	3.02E-05	2.24E-03	1.73E-05	7.48E-06	2.40E-05	4.67E-06	3.60E-08	1.12E-07	3.24E-05
81	**81**	2.30E-03	2.94E-05	2.18E-03	1.84E-05	7.54E-06	2.30E-05	4.42E-06	3.72E-08	1.15E-07	3.33E-05
82	**82**	2.23E-03	2.86E-05	2.12E-03	1.96E-05	7.62E-06	2.19E-05	4.29E-06	3.84E-08	1.18E-07	3.43E-05
83	**83**	2.17E-03	2.78E-05	2.05E-03	2.07E-05	7.68E-06	2.09E-05	4.28E-06	3.97E-08	1.21E-07	3.53E-05
84	**84**	2.10E-03	2.70E-05	1.99E-03	2.20E-05	7.69E-06	2.02E-05	4.37E-06	4.11E-08	1.25E-07	3.63E-05
85	**85**	2.04E-03	2.63E-05	1.92E-03	2.33E-05	7.65E-06	1.99E-05	4.50E-06	4.26E-08	1.28E-07	3.73E-05
86	**86**	1.97E-03	2.56E-05	1.85E-03	2.47E-05	7.58E-06	1.97E-05	4.63E-06	4.42E-08	1.32E-07	3.84E-05
87	**87**	1.91E-03	2.50E-05	1.79E-03	2.62E-05	7.48E-06	1.95E-05	4.73E-06	4.59E-08	1.36E-07	3.95E-05
88	**88**	1.84E-03	2.43E-05	1.72E-03	2.78E-05	7.37E-06	1.91E-05	4.78E-06	4.77E-08	1.40E-07	4.06E-05
89	**89**	1.78E-03	2.37E-05	1.66E-03	2.96E-05	7.25E-06	1.85E-05	4.78E-06	4.97E-08	1.45E-07	4.18E-05
90	**90**	1.72E-03	2.31E-05	1.60E-03	3.17E-05	7.13E-06	1.77E-05	4.71E-06	5.18E-08	1.49E-07	4.30E-05

Berkley WTPF
Mitigated - - Risk Summary

		Chronic Non Cancer Risk									
Receptor #	**Receptor #**	**Max Chronic**	**Dredging**	**Peir**	**University**	**Seawall**	**Plaza**	**Boatlaunch**	**Haul 1**	**Haul 2**	**Haul 3**
91	**91**	1.67E-03	2.25E-05	1.54E-03	3.39E-05	7.00E-06	1.68E-05	4.60E-06	5.40E-08	1.54E-07	4.42E-05
92	**92**	1.62E-03	2.20E-05	1.48E-03	3.66E-05	6.87E-06	1.58E-05	4.50E-06	5.65E-08	1.60E-07	4.55E-05
93	**93**	1.57E-03	2.14E-05	1.43E-03	3.97E-05	6.72E-06	1.48E-05	4.46E-06	5.92E-08	1.65E-07	4.68E-05
94	**94**	1.53E-03	2.09E-05	1.39E-03	4.35E-05	6.57E-06	1.39E-05	4.46E-06	6.21E-08	1.71E-07	4.81E-05
95	**95**	1.49E-03	2.04E-05	1.35E-03	4.85E-05	6.41E-06	1.30E-05	4.49E-06	6.53E-08	1.78E-07	4.95E-05
96	**96**	1.46E-03	1.99E-05	1.31E-03	5.51E-05	6.26E-06	1.23E-05	4.50E-06	6.87E-08	1.85E-07	5.10E-05
97	**97**	1.43E-03	1.94E-05	1.27E-03	6.47E-05	6.12E-06	1.16E-05	4.48E-06	7.25E-08	1.92E-07	5.25E-05
98	**98**	2.36E-03	3.11E-05	2.25E-03	1.24E-05	7.42E-06	2.16E-05	4.92E-06	3.25E-08	1.00E-07	2.89E-05
99	**99**	2.32E-03	3.05E-05	2.22E-03	1.32E-05	7.21E-06	2.18E-05	5.06E-06	3.34E-08	1.03E-07	2.97E-05
100	**100**	2.28E-03	2.98E-05	2.17E-03	1.40E-05	7.02E-06	2.16E-05	4.93E-06	3.43E-08	1.05E-07	3.06E-05
101	**101**	2.23E-03	2.91E-05	2.12E-03	1.48E-05	6.91E-06	2.13E-05	4.65E-06	3.54E-08	1.08E-07	3.15E-05
102	**102**	2.18E-03	2.84E-05	2.07E-03	1.57E-05	6.89E-06	2.09E-05	4.37E-06	3.65E-08	1.11E-07	3.25E-05
103	**103**	2.14E-03	2.76E-05	2.03E-03	1.66E-05	6.95E-06	2.02E-05	4.15E-06	3.76E-08	1.14E-07	3.34E-05
104	**104**	2.08E-03	2.69E-05	1.98E-03	1.76E-05	7.03E-06	1.93E-05	4.03E-06	3.88E-08	1.17E-07	3.44E-05
105	**105**	2.03E-03	2.62E-05	1.92E-03	1.86E-05	7.10E-06	1.84E-05	4.02E-06	4.01E-08	1.20E-07	3.55E-05
106	**106**	1.98E-03	2.56E-05	1.87E-03	1.96E-05	7.13E-06	1.76E-05	4.10E-06	4.15E-08	1.23E-07	3.65E-05
107	**107**	1.92E-03	2.49E-05	1.81E-03	2.07E-05	7.10E-06	1.72E-05	4.23E-06	4.29E-08	1.27E-07	3.76E-05
108	**108**	1.87E-03	2.43E-05	1.75E-03	2.19E-05	7.04E-06	1.70E-05	4.35E-06	4.45E-08	1.31E-07	3.87E-05
109	**109**	1.81E-03	2.37E-05	1.70E-03	2.31E-05	6.95E-06	1.69E-05	4.44E-06	4.62E-08	1.35E-07	3.98E-05
110	**110**	1.75E-03	2.31E-05	1.64E-03	2.45E-05	6.85E-06	1.68E-05	4.50E-06	4.80E-08	1.39E-07	4.10E-05
111	**111**	1.70E-03	2.26E-05	1.58E-03	2.60E-05	6.75E-06	1.65E-05	4.51E-06	4.99E-08	1.43E-07	4.22E-05
112	**112**	1.64E-03	2.20E-05	1.52E-03	2.77E-05	6.65E-06	1.61E-05	4.46E-06	5.19E-08	1.48E-07	4.34E-05
113	**113**	1.59E-03	2.15E-05	1.47E-03	2.96E-05	6.54E-06	1.55E-05	4.36E-06	5.41E-08	1.53E-07	4.47E-05
114	**114**	1.54E-03	2.10E-05	1.42E-03	3.19E-05	6.42E-06	1.47E-05	4.26E-06	5.65E-08	1.58E-07	4.60E-05
115	**115**	1.50E-03	2.05E-05	1.37E-03	3.45E-05	6.30E-06	1.39E-05	4.21E-06	5.91E-08	1.64E-07	4.74E-05
116	**116**	1.45E-03	2.00E-05	1.32E-03	3.76E-05	6.16E-06	1.31E-05	4.20E-06	6.19E-08	1.70E-07	4.88E-05
117	**117**	1.42E-03	1.95E-05	1.28E-03	4.16E-05	6.02E-06	1.23E-05	4.22E-06	6.50E-08	1.76E-07	5.02E-05
118	**118**	1.38E-03	1.91E-05	1.24E-03	4.67E-05	5.87E-06	1.16E-05	4.24E-06	6.83E-08	1.83E-07	5.18E-05
119	**119**	1.36E-03	1.86E-05	1.21E-03	5.38E-05	5.74E-06	1.09E-05	4.24E-06	7.20E-08	1.90E-07	5.33E-05
120	**120**	1.33E-03	1.82E-05	1.17E-03	6.44E-05	5.62E-06	1.03E-05	4.19E-06	7.61E-08	1.98E-07	5.50E-05
121	**121**	2.20E-03	2.95E-05	2.10E-03	1.09E-05	7.02E-06	1.83E-05	4.38E-06	3.21E-08	9.71E-08	2.81E-05

Berkley WTPF
Mitigated - - Risk Summary

		Chronic Non Cancer Risk									
Receptor #	**Receptor #**	**Max Chronic**	**Dredging**	**Peir**	**University**	**Seawall**	**Plaza**	**Boatlaunch**	**Haul 1**	**Haul 2**	**Haul 3**
122	**122**	2.18E-03	2.90E-05	2.08E-03	1.15E-05	6.87E-06	1.87E-05	4.71E-06	3.29E-08	9.93E-08	2.89E-05
123	**123**	2.15E-03	2.85E-05	2.05E-03	1.21E-05	6.66E-06	1.89E-05	4.79E-06	3.38E-08	1.02E-07	2.97E-05
124	**124**	2.11E-03	2.79E-05	2.01E-03	1.28E-05	6.48E-06	1.89E-05	4.63E-06	3.48E-08	1.04E-07	3.06E-05
125	**125**	2.07E-03	2.73E-05	1.97E-03	1.36E-05	6.38E-06	1.86E-05	4.36E-06	3.58E-08	1.07E-07	3.16E-05
126	**126**	2.03E-03	2.67E-05	1.93E-03	1.43E-05	6.38E-06	1.83E-05	4.10E-06	3.69E-08	1.10E-07	3.25E-05
127	**127**	1.99E-03	2.61E-05	1.89E-03	1.51E-05	6.44E-06	1.79E-05	3.90E-06	3.81E-08	1.13E-07	3.35E-05
128	**128**	1.95E-03	2.55E-05	1.85E-03	1.59E-05	6.52E-06	1.72E-05	3.80E-06	3.93E-08	1.16E-07	3.45E-05
129	**129**	1.91E-03	2.49E-05	1.80E-03	1.68E-05	6.59E-06	1.64E-05	3.79E-06	4.06E-08	1.19E-07	3.56E-05
130	**130**	1.86E-03	2.43E-05	1.76E-03	1.77E-05	6.63E-06	1.56E-05	3.86E-06	4.20E-08	1.22E-07	3.67E-05
131	**131**	1.82E-03	2.37E-05	1.71E-03	1.86E-05	6.61E-06	1.51E-05	3.98E-06	4.34E-08	1.26E-07	3.78E-05
132	**132**	1.77E-03	2.31E-05	1.66E-03	1.96E-05	6.56E-06	1.48E-05	4.09E-06	4.50E-08	1.29E-07	3.89E-05
133	**133**	1.72E-03	2.26E-05	1.61E-03	2.07E-05	6.49E-06	1.47E-05	4.19E-06	4.66E-08	1.33E-07	4.01E-05
134	**134**	1.67E-03	2.21E-05	1.56E-03	2.18E-05	6.40E-06	1.47E-05	4.25E-06	4.84E-08	1.37E-07	4.13E-05
135	**135**	1.62E-03	2.16E-05	1.51E-03	2.31E-05	6.30E-06	1.46E-05	4.27E-06	5.03E-08	1.42E-07	4.26E-05
136	**136**	1.57E-03	2.11E-05	1.46E-03	2.45E-05	6.21E-06	1.44E-05	4.23E-06	5.23E-08	1.46E-07	4.38E-05
137	**137**	1.52E-03	2.06E-05	1.41E-03	2.62E-05	6.12E-06	1.41E-05	4.14E-06	5.45E-08	1.51E-07	4.52E-05
138	**138**	1.48E-03	2.01E-05	1.36E-03	2.81E-05	6.02E-06	1.36E-05	4.05E-06	5.69E-08	1.56E-07	4.65E-05
139	**139**	1.43E-03	1.96E-05	1.31E-03	3.02E-05	5.91E-06	1.30E-05	3.98E-06	5.94E-08	1.62E-07	4.80E-05
140	**140**	1.39E-03	1.92E-05	1.27E-03	3.29E-05	5.80E-06	1.24E-05	3.96E-06	6.21E-08	1.68E-07	4.94E-05
141	**141**	1.36E-03	1.88E-05	1.23E-03	3.60E-05	5.67E-06	1.17E-05	3.97E-06	6.51E-08	1.74E-07	5.10E-05
142	**142**	1.32E-03	1.83E-05	1.19E-03	4.01E-05	5.53E-06	1.10E-05	3.99E-06	6.84E-08	1.81E-07	5.25E-05
143	**143**	1.29E-03	1.79E-05	1.16E-03	4.55E-05	5.40E-06	1.04E-05	4.01E-06	7.19E-08	1.88E-07	5.42E-05
144	**144**	1.27E-03	1.75E-05	1.12E-03	5.31E-05	5.28E-06	9.78E-06	3.98E-06	7.60E-08	1.96E-07	5.60E-05
145	**145**	2.04E-03	2.76E-05	1.94E-03	1.01E-05	6.55E-06	1.60E-05	4.23E-06	3.25E-08	9.61E-08	2.81E-05
146	**146**	2.02E-03	2.72E-05	1.92E-03	1.07E-05	6.39E-06	1.64E-05	4.50E-06	3.33E-08	9.83E-08	2.89E-05
147	**147**	1.99E-03	2.68E-05	1.90E-03	1.12E-05	6.18E-06	1.66E-05	4.53E-06	3.42E-08	1.01E-07	2.97E-05
148	**148**	1.96E-03	2.63E-05	1.86E-03	1.18E-05	6.01E-06	1.66E-05	4.35E-06	3.52E-08	1.03E-07	3.06E-05
149	**149**	1.92E-03	2.58E-05	1.83E-03	1.24E-05	5.92E-06	1.64E-05	4.09E-06	3.63E-08	1.06E-07	3.16E-05
150	**150**	1.89E-03	2.52E-05	1.79E-03	1.31E-05	5.92E-06	1.61E-05	3.85E-06	3.74E-08	1.08E-07	3.26E-05
151	**151**	1.86E-03	2.47E-05	1.76E-03	1.38E-05	5.98E-06	1.59E-05	3.68E-06	3.85E-08	1.11E-07	3.36E-05
152	**152**	1.83E-03	2.42E-05	1.73E-03	1.45E-05	6.06E-06	1.55E-05	3.58E-06	3.98E-08	1.14E-07	3.46E-05

Berkley WTPF
Mitigated - - Risk Summary

		Chronic Non Cancer Risk									
Receptor #	**Receptor #**	**Max Chronic**	**Dredging**	**Peir**	**University**	**Seawall**	**Plaza**	**Boatlaunch**	**Haul 1**	**Haul 2**	**Haul 3**
153	**153**	1.79E-03	2.36E-05	1.69E-03	1.52E-05	6.13E-06	1.48E-05	3.58E-06	4.11E-08	1.17E-07	3.57E-05
154	**154**	1.76E-03	2.31E-05	1.66E-03	1.60E-05	6.18E-06	1.41E-05	3.65E-06	4.25E-08	1.21E-07	3.68E-05
155	**155**	1.72E-03	2.26E-05	1.62E-03	1.68E-05	6.17E-06	1.35E-05	3.75E-06	4.39E-08	1.24E-07	3.80E-05
156	**156**	1.68E-03	2.21E-05	1.58E-03	1.77E-05	6.13E-06	1.31E-05	3.86E-06	4.55E-08	1.28E-07	3.91E-05
157	**157**	1.64E-03	2.16E-05	1.54E-03	1.86E-05	6.07E-06	1.29E-05	3.95E-06	4.72E-08	1.32E-07	4.04E-05
158	**158**	1.60E-03	2.11E-05	1.49E-03	1.96E-05	5.99E-06	1.29E-05	4.01E-06	4.89E-08	1.36E-07	4.16E-05
159	**159**	1.55E-03	2.06E-05	1.45E-03	2.07E-05	5.90E-06	1.29E-05	4.04E-06	5.08E-08	1.40E-07	4.29E-05
160	**160**	1.51E-03	2.02E-05	1.40E-03	2.19E-05	5.82E-06	1.28E-05	4.01E-06	5.29E-08	1.45E-07	4.42E-05
161	**161**	1.47E-03	1.97E-05	1.35E-03	2.33E-05	5.74E-06	1.27E-05	3.94E-06	5.50E-08	1.50E-07	4.56E-05
162	**162**	1.42E-03	1.93E-05	1.31E-03	2.49E-05	5.66E-06	1.25E-05	3.85E-06	5.74E-08	1.55E-07	4.70E-05
163	**163**	1.38E-03	1.89E-05	1.27E-03	2.67E-05	5.57E-06	1.21E-05	3.78E-06	5.99E-08	1.60E-07	4.85E-05
164	**164**	1.34E-03	1.85E-05	1.22E-03	2.89E-05	5.46E-06	1.16E-05	3.74E-06	6.26E-08	1.66E-07	5.01E-05
165	**165**	1.30E-03	1.81E-05	1.18E-03	3.15E-05	5.35E-06	1.11E-05	3.75E-06	6.56E-08	1.72E-07	5.16E-05
166	**166**	1.27E-03	1.77E-05	1.15E-03	3.47E-05	5.23E-06	1.05E-05	3.77E-06	6.87E-08	1.79E-07	5.33E-05
167	**167**	1.24E-03	1.73E-05	1.11E-03	3.89E-05	5.10E-06	9.91E-06	3.79E-06	7.23E-08	1.86E-07	5.50E-05
168	**168**	1.89E-03	2.59E-05	1.80E-03	9.45E-06	6.12E-06	1.41E-05	4.09E-06	3.27E-08	9.50E-08	2.80E-05
169	**169**	1.87E-03	2.56E-05	1.79E-03	9.92E-06	5.95E-06	1.44E-05	4.30E-06	3.35E-08	9.72E-08	2.88E-05
170	**170**	1.85E-03	2.52E-05	1.76E-03	1.04E-05	5.74E-06	1.47E-05	4.29E-06	3.44E-08	9.94E-08	2.97E-05
171	**171**	1.82E-03	2.48E-05	1.73E-03	1.09E-05	5.58E-06	1.48E-05	4.10E-06	3.55E-08	1.02E-07	3.06E-05
172	**172**	1.80E-03	2.43E-05	1.70E-03	1.15E-05	5.51E-06	1.46E-05	3.85E-06	3.65E-08	1.05E-07	3.16E-05
173	**173**	1.77E-03	2.39E-05	1.68E-03	1.20E-05	5.51E-06	1.43E-05	3.63E-06	3.77E-08	1.07E-07	3.26E-05
174	**174**	1.74E-03	2.34E-05	1.65E-03	1.26E-05	5.57E-06	1.42E-05	3.47E-06	3.89E-08	1.10E-07	3.36E-05
175	**175**	1.71E-03	2.30E-05	1.62E-03	1.32E-05	5.65E-06	1.39E-05	3.38E-06	4.01E-08	1.13E-07	3.47E-05
176	**176**	1.68E-03	2.25E-05	1.59E-03	1.39E-05	5.73E-06	1.35E-05	3.38E-06	4.14E-08	1.16E-07	3.58E-05
177	**177**	1.66E-03	2.20E-05	1.56E-03	1.46E-05	5.77E-06	1.28E-05	3.45E-06	4.29E-08	1.19E-07	3.69E-05
178	**178**	1.63E-03	2.16E-05	1.53E-03	1.53E-05	5.78E-06	1.22E-05	3.55E-06	4.43E-08	1.23E-07	3.81E-05
179	**179**	1.59E-03	2.11E-05	1.50E-03	1.60E-05	5.75E-06	1.17E-05	3.65E-06	4.59E-08	1.27E-07	3.93E-05
180	**180**	1.56E-03	2.07E-05	1.46E-03	1.68E-05	5.69E-06	1.15E-05	3.73E-06	4.76E-08	1.30E-07	4.06E-05
181	**181**	1.53E-03	2.02E-05	1.42E-03	1.77E-05	5.62E-06	1.14E-05	3.80E-06	4.94E-08	1.34E-07	4.19E-05
182	**182**	1.49E-03	1.98E-05	1.39E-03	1.86E-05	5.54E-06	1.14E-05	3.83E-06	5.13E-08	1.39E-07	4.32E-05
183	**183**	1.45E-03	1.94E-05	1.35E-03	1.97E-05	5.47E-06	1.14E-05	3.82E-06	5.34E-08	1.43E-07	4.46E-05

Berkley WTPF
Mitigated - - Risk Summary

		Chronic Non Cancer Risk									
Receptor #	**Receptor #**	**Max Chronic**	**Dredging**	**Peir**	**University**	**Seawall**	**Plaza**	**Boatlaunch**	**Haul 1**	**Haul 2**	**Haul 3**
184	**184**	1.41E-03	1.90E-05	1.30E-03	2.09E-05	5.40E-06	1.14E-05	3.76E-06	5.56E-08	1.48E-07	4.61E-05
185	**185**	1.37E-03	1.86E-05	1.26E-03	2.22E-05	5.33E-06	1.13E-05	3.67E-06	5.79E-08	1.53E-07	4.75E-05
186	**186**	1.33E-03	1.82E-05	1.22E-03	2.38E-05	5.25E-06	1.11E-05	3.59E-06	6.04E-08	1.58E-07	4.91E-05
187	**187**	1.30E-03	1.78E-05	1.18E-03	2.56E-05	5.16E-06	1.08E-05	3.55E-06	6.31E-08	1.64E-07	5.07E-05
188	**188**	1.26E-03	1.74E-05	1.14E-03	2.77E-05	5.06E-06	1.04E-05	3.54E-06	6.61E-08	1.70E-07	5.23E-05
189	**189**	1.23E-03	1.71E-05	1.11E-03	3.03E-05	4.95E-06	9.98E-06	3.56E-06	6.93E-08	1.77E-07	5.41E-05
190	**190**	1.19E-03	1.66E-05	1.07E-03	3.35E-05	4.82E-06	9.47E-06	3.57E-06	7.32E-08	1.84E-07	5.61E-05
191	**191**	1.77E-03	2.44E-05	1.68E-03	8.85E-06	5.74E-06	1.25E-05	3.96E-06	3.27E-08	9.38E-08	2.79E-05
192	**192**	1.75E-03	2.41E-05	1.67E-03	9.25E-06	5.55E-06	1.28E-05	4.11E-06	3.36E-08	9.59E-08	2.88E-05
193	**193**	1.73E-03	2.38E-05	1.64E-03	9.67E-06	5.35E-06	1.31E-05	4.06E-06	3.45E-08	9.82E-08	2.96E-05
194	**194**	1.71E-03	2.34E-05	1.62E-03	1.01E-05	5.21E-06	1.32E-05	3.86E-06	3.55E-08	1.01E-07	3.06E-05
195	**195**	1.68E-03	2.30E-05	1.59E-03	1.06E-05	5.14E-06	1.30E-05	3.63E-06	3.66E-08	1.03E-07	3.15E-05
196	**196**	1.66E-03	2.27E-05	1.57E-03	1.11E-05	5.15E-06	1.28E-05	3.43E-06	3.78E-08	1.06E-07	3.26E-05
197	**197**	1.63E-03	2.23E-05	1.54E-03	1.16E-05	5.21E-06	1.27E-05	3.28E-06	3.90E-08	1.09E-07	3.36E-05
198	**198**	1.61E-03	2.19E-05	1.52E-03	1.22E-05	5.28E-06	1.25E-05	3.20E-06	4.03E-08	1.12E-07	3.47E-05
199	**199**	1.59E-03	2.15E-05	1.50E-03	1.27E-05	5.36E-06	1.22E-05	3.20E-06	4.16E-08	1.15E-07	3.58E-05
200	**200**	1.56E-03	2.11E-05	1.47E-03	1.33E-05	5.41E-06	1.18E-05	3.26E-06	4.30E-08	1.18E-07	3.70E-05
201	**201**	1.46E-03	1.94E-05	1.36E-03	1.61E-05	5.29E-06	1.02E-05	3.60E-06	4.97E-08	1.33E-07	4.22E-05
202	**202**	1.43E-03	1.90E-05	1.33E-03	1.69E-05	5.22E-06	1.01E-05	3.63E-06	5.16E-08	1.37E-07	4.35E-05
203	**203**	1.39E-03	1.87E-05	1.29E-03	1.78E-05	5.15E-06	1.01E-05	3.63E-06	5.37E-08	1.41E-07	4.50E-05
204	**204**	1.36E-03	1.83E-05	1.26E-03	1.88E-05	5.09E-06	1.01E-05	3.59E-06	5.59E-08	1.46E-07	4.65E-05
205	**205**	1.32E-03	1.79E-05	1.22E-03	1.99E-05	5.03E-06	1.02E-05	3.51E-06	5.82E-08	1.51E-07	4.80E-05
206	**206**	1.29E-03	1.75E-05	1.18E-03	2.13E-05	4.96E-06	1.01E-05	3.43E-06	6.08E-08	1.57E-07	4.96E-05
207	**207**	1.26E-03	1.72E-05	1.15E-03	2.28E-05	4.89E-06	9.98E-06	3.38E-06	6.35E-08	1.62E-07	5.13E-05
208	**208**	1.22E-03	1.68E-05	1.11E-03	2.45E-05	4.80E-06	9.76E-06	3.36E-06	6.65E-08	1.68E-07	5.30E-05
209	**209**	1.19E-03	1.65E-05	1.07E-03	2.66E-05	4.70E-06	9.44E-06	3.37E-06	6.97E-08	1.75E-07	5.48E-05
210	**210**	1.15E-03	1.61E-05	1.03E-03	2.90E-05	4.57E-06	9.02E-06	3.37E-06	7.38E-08	1.82E-07	5.70E-05
211	**211**	1.66E-03	2.32E-05	1.58E-03	8.29E-06	5.39E-06	1.12E-05	3.83E-06	3.25E-08	9.24E-08	2.78E-05
212	**212**	1.64E-03	2.29E-05	1.56E-03	8.65E-06	5.20E-06	1.15E-05	3.93E-06	3.34E-08	9.47E-08	2.87E-05
213	**213**	1.62E-03	2.25E-05	1.54E-03	9.02E-06	5.00E-06	1.18E-05	3.84E-06	3.44E-08	9.70E-08	2.96E-05
214	**214**	1.60E-03	2.22E-05	1.52E-03	9.42E-06	4.87E-06	1.19E-05	3.64E-06	3.54E-08	9.94E-08	3.05E-05

Berkley WTPF
Mitigated - - Risk Summary

		Chronic Non Cancer Risk									
Receptor #	**Receptor #**	**Max Chronic**	**Dredging**	**Peir**	**University**	**Seawall**	**Plaza**	**Boatlaunch**	**Haul 1**	**Haul 2**	**Haul 3**
215	**215**	1.58E-03	2.19E-05	1.49E-03	9.84E-06	4.81E-06	1.18E-05	3.43E-06	3.65E-08	1.02E-07	3.15E-05
216	**216**	1.56E-03	2.15E-05	1.47E-03	1.03E-05	4.82E-06	1.16E-05	3.24E-06	3.77E-08	1.05E-07	3.25E-05
217	**217**	1.54E-03	2.12E-05	1.45E-03	1.07E-05	4.88E-06	1.14E-05	3.11E-06	3.89E-08	1.07E-07	3.36E-05
218	**218**	1.52E-03	2.09E-05	1.43E-03	1.12E-05	4.95E-06	1.13E-05	3.04E-06	4.02E-08	1.10E-07	3.47E-05
219	**219**	1.50E-03	2.05E-05	1.41E-03	1.17E-05	5.03E-06	1.11E-05	3.04E-06	4.15E-08	1.13E-07	3.59E-05
220	**220**	1.34E-03	1.80E-05	1.24E-03	1.62E-05	4.86E-06	9.06E-06	3.46E-06	5.36E-08	1.40E-07	4.53E-05
221	**221**	1.31E-03	1.76E-05	1.21E-03	1.71E-05	4.80E-06	9.08E-06	3.43E-06	5.58E-08	1.44E-07	4.68E-05
222	**222**	1.28E-03	1.73E-05	1.18E-03	1.80E-05	4.75E-06	9.11E-06	3.36E-06	5.82E-08	1.49E-07	4.84E-05
223	**223**	1.25E-03	1.70E-05	1.15E-03	1.92E-05	4.70E-06	9.13E-06	3.28E-06	6.08E-08	1.55E-07	5.01E-05
224	**224**	1.22E-03	1.66E-05	1.11E-03	2.04E-05	4.63E-06	9.10E-06	3.22E-06	6.35E-08	1.60E-07	5.18E-05
225	**225**	1.19E-03	1.63E-05	1.08E-03	2.19E-05	4.56E-06	9.01E-06	3.19E-06	6.65E-08	1.66E-07	5.36E-05
226	**226**	1.16E-03	1.60E-05	1.04E-03	2.35E-05	4.47E-06	8.84E-06	3.20E-06	6.97E-08	1.72E-07	5.55E-05
227	**227**	1.56E-03	2.23E-05	1.49E-03	7.48E-06	5.20E-06	1.01E-05	3.46E-06	3.13E-08	8.91E-08	2.69E-05
228	**228**	1.55E-03	2.20E-05	1.48E-03	7.79E-06	5.06E-06	1.01E-05	3.70E-06	3.22E-08	9.12E-08	2.77E-05
229	**229**	1.54E-03	2.17E-05	1.46E-03	8.11E-06	4.87E-06	1.03E-05	3.75E-06	3.31E-08	9.34E-08	2.86E-05
230	**230**	1.52E-03	2.14E-05	1.44E-03	8.44E-06	4.69E-06	1.06E-05	3.64E-06	3.41E-08	9.57E-08	2.95E-05
231	**231**	1.50E-03	2.11E-05	1.42E-03	8.79E-06	4.56E-06	1.07E-05	3.45E-06	3.51E-08	9.81E-08	3.04E-05
232	**232**	1.48E-03	2.08E-05	1.40E-03	9.16E-06	4.51E-06	1.07E-05	3.24E-06	3.62E-08	1.01E-07	3.14E-05
233	**233**	1.47E-03	2.05E-05	1.38E-03	9.56E-06	4.53E-06	1.05E-05	3.07E-06	3.73E-08	1.03E-07	3.25E-05
234	**234**	1.45E-03	2.02E-05	1.37E-03	9.96E-06	4.58E-06	1.03E-05	2.95E-06	3.85E-08	1.06E-07	3.36E-05
235	**235**	1.43E-03	1.99E-05	1.35E-03	1.04E-05	4.66E-06	1.03E-05	2.89E-06	3.98E-08	1.09E-07	3.47E-05
236	**236**	1.41E-03	1.96E-05	1.33E-03	1.08E-05	4.73E-06	1.02E-05	2.89E-06	4.12E-08	1.12E-07	3.59E-05
237	**237**	1.31E-03	1.77E-05	1.21E-03	1.41E-05	4.66E-06	8.22E-06	3.29E-06	5.11E-08	1.34E-07	4.40E-05
238	**238**	1.28E-03	1.74E-05	1.19E-03	1.48E-05	4.60E-06	8.16E-06	3.30E-06	5.32E-08	1.38E-07	4.56E-05
239	**239**	1.26E-03	1.71E-05	1.16E-03	1.56E-05	4.54E-06	8.17E-06	3.28E-06	5.54E-08	1.43E-07	4.72E-05
240	**240**	1.24E-03	1.67E-05	1.14E-03	1.64E-05	4.50E-06	8.20E-06	3.22E-06	5.78E-08	1.47E-07	4.88E-05
241	**241**	1.21E-03	1.64E-05	1.11E-03	1.74E-05	4.45E-06	8.23E-06	3.14E-06	6.03E-08	1.53E-07	5.06E-05
242	**242**	1.18E-03	1.61E-05	1.08E-03	1.84E-05	4.40E-06	8.25E-06	3.08E-06	6.31E-08	1.58E-07	5.23E-05
243	**243**	1.15E-03	1.58E-05	1.05E-03	1.96E-05	4.33E-06	8.25E-06	3.04E-06	6.61E-08	1.64E-07	5.43E-05
244	**244**	1.12E-03	1.55E-05	1.01E-03	2.10E-05	4.25E-06	8.18E-06	3.03E-06	6.95E-08	1.71E-07	5.63E-05
245	**245**	1.44E-03	2.07E-05	1.37E-03	7.62E-06	4.57E-06	9.36E-06	3.58E-06	3.26E-08	9.21E-08	2.84E-05

Berkley WTPF
Mitigated - - Risk Summary

		Chronic Non Cancer Risk									
Receptor #	**Receptor #**	**Max Chronic**	**Dredging**	**Peir**	**University**	**Seawall**	**Plaza**	**Boatlaunch**	**Haul 1**	**Haul 2**	**Haul 3**
246	**246**	1.43E-03	2.04E-05	1.35E-03	7.92E-06	4.40E-06	9.62E-06	3.45E-06	3.36E-08	9.44E-08	2.94E-05
247	**247**	1.41E-03	2.01E-05	1.34E-03	8.23E-06	4.29E-06	9.76E-06	3.26E-06	3.46E-08	9.67E-08	3.03E-05
248	**248**	1.40E-03	1.99E-05	1.32E-03	8.57E-06	4.24E-06	9.73E-06	3.07E-06	3.57E-08	9.92E-08	3.13E-05
249	**249**	1.38E-03	1.96E-05	1.31E-03	8.92E-06	4.26E-06	9.58E-06	2.92E-06	3.68E-08	1.02E-07	3.24E-05
250	**250**	1.37E-03	1.93E-05	1.29E-03	9.29E-06	4.31E-06	9.42E-06	2.81E-06	3.80E-08	1.04E-07	3.35E-05
251	**251**	1.35E-03	1.90E-05	1.27E-03	9.67E-06	4.38E-06	9.33E-06	2.75E-06	3.93E-08	1.07E-07	3.46E-05
252	**252**	1.34E-03	1.88E-05	1.26E-03	1.01E-05	4.46E-06	9.27E-06	2.75E-06	4.06E-08	1.10E-07	3.58E-05
253	**253**	1.25E-03	1.71E-05	1.16E-03	1.30E-05	4.41E-06	7.52E-06	3.13E-06	5.04E-08	1.32E-07	4.42E-05
254	**254**	1.23E-03	1.68E-05	1.14E-03	1.36E-05	4.36E-06	7.42E-06	3.15E-06	5.24E-08	1.36E-07	4.58E-05
255	**255**	1.21E-03	1.65E-05	1.12E-03	1.43E-05	4.31E-06	7.39E-06	3.14E-06	5.46E-08	1.41E-07	4.74E-05
256	**256**	1.19E-03	1.62E-05	1.10E-03	1.50E-05	4.26E-06	7.41E-06	3.09E-06	5.70E-08	1.46E-07	4.92E-05
257	**257**	1.17E-03	1.59E-05	1.07E-03	1.58E-05	4.22E-06	7.44E-06	3.02E-06	5.95E-08	1.51E-07	5.09E-05
258	**258**	1.15E-03	1.56E-05	1.05E-03	1.67E-05	4.18E-06	7.47E-06	2.95E-06	6.21E-08	1.56E-07	5.28E-05
259	**259**	1.12E-03	1.53E-05	1.02E-03	1.77E-05	4.12E-06	7.50E-06	2.90E-06	6.52E-08	1.62E-07	5.49E-05
260	**260**	1.29E-03	1.85E-05	1.22E-03	8.69E-06	4.07E-06	8.63E-06	2.67E-06	3.73E-08	1.03E-07	3.34E-05
261	**261**	1.28E-03	1.82E-05	1.20E-03	9.03E-06	4.14E-06	8.52E-06	2.62E-06	3.85E-08	1.06E-07	3.45E-05
262	**262**	1.21E-03	1.68E-05	1.12E-03	1.15E-05	4.24E-06	7.25E-06	2.95E-06	4.76E-08	1.26E-07	4.27E-05
263	**263**	1.19E-03	1.65E-05	1.11E-03	1.20E-05	4.19E-06	6.97E-06	2.99E-06	4.94E-08	1.30E-07	4.43E-05
264	**264**	1.18E-03	1.62E-05	1.09E-03	1.26E-05	4.14E-06	6.80E-06	3.01E-06	5.14E-08	1.34E-07	4.59E-05
265	**265**	1.17E-03	1.60E-05	1.07E-03	1.32E-05	4.09E-06	6.74E-06	3.00E-06	5.35E-08	1.39E-07	4.76E-05
266	**266**	1.15E-03	1.57E-05	1.06E-03	1.38E-05	4.05E-06	6.73E-06	2.96E-06	5.58E-08	1.43E-07	4.94E-05
267	**267**	1.13E-03	1.55E-05	1.04E-03	1.45E-05	4.01E-06	6.76E-06	2.90E-06	5.82E-08	1.48E-07	5.13E-05
268	**268**	1.11E-03	1.52E-05	1.01E-03	1.52E-05	3.98E-06	6.79E-06	2.83E-06	6.09E-08	1.54E-07	5.32E-05
269	**269**	1.09E-03	1.49E-05	9.86E-04	1.60E-05	3.93E-06	6.82E-06	2.78E-06	6.39E-08	1.60E-07	5.54E-05
270	**270**	1.15E-03	1.62E-05	1.07E-03	1.07E-05	4.03E-06	6.84E-06	2.81E-06	4.65E-08	1.24E-07	4.27E-05
271	**271**	1.14E-03	1.60E-05	1.06E-03	1.12E-05	3.99E-06	6.53E-06	2.85E-06	4.83E-08	1.28E-07	4.43E-05
272	**272**	1.13E-03	1.57E-05	1.04E-03	1.17E-05	3.94E-06	6.31E-06	2.88E-06	5.02E-08	1.32E-07	4.60E-05
273	**273**	1.12E-03	1.55E-05	1.03E-03	1.22E-05	3.89E-06	6.19E-06	2.88E-06	5.22E-08	1.37E-07	4.78E-05
274	**274**	1.11E-03	1.52E-05	1.02E-03	1.27E-05	3.85E-06	6.16E-06	2.85E-06	5.44E-08	1.41E-07	4.96E-05
275	**275**	1.09E-03	1.50E-05	9.98E-04	1.33E-05	3.82E-06	6.17E-06	2.79E-06	5.68E-08	1.46E-07	5.15E-05
276	**276**	1.07E-03	1.47E-05	9.78E-04	1.39E-05	3.78E-06	6.19E-06	2.72E-06	5.95E-08	1.52E-07	5.36E-05

Berkley WTPF
Mitigated - - Risk Summary

		Chronic Non Cancer Risk									
Receptor #	**Receptor #**	**Max Chronic**	**Dredging**	**Peir**	**University**	**Seawall**	**Plaza**	**Boatlaunch**	**Haul 1**	**Haul 2**	**Haul 3**
277	**277**	1.25E-03	1.88E-05	1.19E-03	5.39E-06	4.13E-06	8.12E-06	2.34E-06	2.69E-08	7.89E-08	2.39E-05
278	**278**	1.25E-03	1.87E-05	1.18E-03	5.60E-06	4.26E-06	7.67E-06	2.61E-06	2.75E-08	8.06E-08	2.46E-05
279	**279**	1.24E-03	1.86E-05	1.18E-03	5.82E-06	4.26E-06	7.23E-06	2.89E-06	2.83E-08	8.24E-08	2.54E-05
280	**280**	1.23E-03	1.84E-05	1.17E-03	6.03E-06	4.16E-06	6.99E-06	3.09E-06	2.90E-08	8.43E-08	2.62E-05
281	**281**	1.22E-03	1.82E-05	1.16E-03	6.24E-06	4.00E-06	6.98E-06	3.16E-06	2.99E-08	8.63E-08	2.70E-05
282	**282**	1.11E-03	1.58E-05	1.03E-03	9.63E-06	3.86E-06	6.78E-06	2.64E-06	4.36E-08	1.19E-07	4.11E-05
283	**283**	1.10E-03	1.56E-05	1.02E-03	1.00E-05	3.84E-06	6.48E-06	2.69E-06	4.53E-08	1.23E-07	4.26E-05
284	**284**	1.09E-03	1.54E-05	1.01E-03	1.04E-05	3.80E-06	6.17E-06	2.73E-06	4.70E-08	1.27E-07	4.43E-05
285	**285**	1.08E-03	1.52E-05	9.98E-04	1.08E-05	3.75E-06	5.91E-06	2.75E-06	4.89E-08	1.31E-07	4.60E-05
286	**286**	1.07E-03	1.50E-05	9.87E-04	1.13E-05	3.71E-06	5.75E-06	2.76E-06	5.08E-08	1.35E-07	4.78E-05
287	**287**	1.06E-03	1.48E-05	9.75E-04	1.17E-05	3.67E-06	5.67E-06	2.74E-06	5.29E-08	1.40E-07	4.97E-05
288	**288**	1.05E-03	1.46E-05	9.61E-04	1.22E-05	3.64E-06	5.66E-06	2.69E-06	5.52E-08	1.44E-07	5.17E-05
289	**289**	1.04E-03	1.43E-05	9.42E-04	1.28E-05	3.60E-06	5.67E-06	2.62E-06	5.80E-08	1.50E-07	5.40E-05
290	**290**	1.19E-03	1.81E-05	1.13E-03	4.98E-06	3.76E-06	7.68E-06	2.08E-06	2.56E-08	7.62E-08	2.30E-05
291	**291**	1.19E-03	1.80E-05	1.12E-03	5.16E-06	3.98E-06	7.48E-06	2.31E-06	2.62E-08	7.78E-08	2.37E-05
292	**292**	1.18E-03	1.79E-05	1.12E-03	5.35E-06	4.08E-06	7.05E-06	2.57E-06	2.69E-08	7.95E-08	2.44E-05
293	**293**	1.17E-03	1.78E-05	1.11E-03	5.55E-06	4.06E-06	6.65E-06	2.83E-06	2.76E-08	8.14E-08	2.52E-05
294	**294**	1.17E-03	1.76E-05	1.11E-03	5.74E-06	3.95E-06	6.43E-06	3.00E-06	2.84E-08	8.32E-08	2.60E-05
295	**295**	1.16E-03	1.75E-05	1.10E-03	5.93E-06	3.79E-06	6.44E-06	3.04E-06	2.92E-08	8.52E-08	2.68E-05
296	**296**	1.15E-03	1.73E-05	1.09E-03	6.13E-06	3.63E-06	6.58E-06	2.96E-06	3.00E-08	8.73E-08	2.77E-05
297	**297**	1.14E-03	1.71E-05	1.08E-03	6.33E-06	3.50E-06	6.78E-06	2.82E-06	3.09E-08	8.94E-08	2.86E-05
298	**298**	1.14E-03	1.69E-05	1.07E-03	6.54E-06	3.42E-06	6.93E-06	2.66E-06	3.18E-08	9.17E-08	2.96E-05
299	**299**	1.13E-03	1.67E-05	1.06E-03	6.77E-06	3.39E-06	7.00E-06	2.52E-06	3.27E-08	9.40E-08	3.06E-05
300	**300**	1.12E-03	1.66E-05	1.05E-03	7.01E-06	3.41E-06	6.95E-06	2.41E-06	3.37E-08	9.65E-08	3.17E-05
301	**301**	1.06E-03	1.53E-05	9.79E-04	9.03E-06	3.68E-06	6.39E-06	2.52E-06	4.25E-08	1.17E-07	4.09E-05
302	**302**	1.05E-03	1.51E-05	9.71E-04	9.38E-06	3.66E-06	6.15E-06	2.57E-06	4.41E-08	1.21E-07	4.25E-05
303	**303**	1.04E-03	1.49E-05	9.63E-04	9.74E-06	3.62E-06	5.86E-06	2.61E-06	4.58E-08	1.25E-07	4.42E-05
304	**304**	1.04E-03	1.47E-05	9.54E-04	1.01E-05	3.58E-06	5.59E-06	2.64E-06	4.75E-08	1.29E-07	4.60E-05
305	**305**	1.03E-03	1.46E-05	9.46E-04	1.05E-05	3.54E-06	5.38E-06	2.65E-06	4.94E-08	1.33E-07	4.78E-05
306	**306**	1.02E-03	1.44E-05	9.36E-04	1.09E-05	3.50E-06	5.26E-06	2.63E-06	5.15E-08	1.38E-07	4.98E-05
307	**307**	1.01E-03	1.42E-05	9.25E-04	1.13E-05	3.47E-06	5.22E-06	2.59E-06	5.36E-08	1.42E-07	5.18E-05

Berkley WTPF
Mitigated - - Risk Summary

		Chronic Non Cancer Risk									
Receptor #	**Receptor #**	**Max Chronic**	**Dredging**	**Peir**	**University**	**Seawall**	**Plaza**	**Boatlaunch**	**Haul 1**	**Haul 2**	**Haul 3**
308	**308**	1.13E-03	1.74E-05	1.07E-03	4.77E-06	3.65E-06	7.15E-06	2.05E-06	2.51E-08	7.52E-08	2.29E-05
309	**309**	1.12E-03	1.73E-05	1.07E-03	4.94E-06	3.83E-06	6.91E-06	2.28E-06	2.57E-08	7.68E-08	2.35E-05
310	**310**	1.12E-03	1.72E-05	1.06E-03	5.13E-06	3.90E-06	6.49E-06	2.53E-06	2.63E-08	7.86E-08	2.42E-05
311	**311**	1.11E-03	1.71E-05	1.05E-03	5.31E-06	3.87E-06	6.13E-06	2.76E-06	2.70E-08	8.04E-08	2.50E-05
312	**312**	1.11E-03	1.69E-05	1.05E-03	5.48E-06	3.75E-06	5.95E-06	2.90E-06	2.78E-08	8.22E-08	2.58E-05
313	**313**	1.10E-03	1.68E-05	1.04E-03	5.66E-06	3.59E-06	5.95E-06	2.92E-06	2.85E-08	8.42E-08	2.66E-05
314	**314**	1.09E-03	1.66E-05	1.03E-03	5.83E-06	3.44E-06	6.09E-06	2.83E-06	2.93E-08	8.62E-08	2.75E-05
315	**315**	1.09E-03	1.65E-05	1.02E-03	6.02E-06	3.32E-06	6.27E-06	2.68E-06	3.02E-08	8.83E-08	2.84E-05
316	**316**	1.08E-03	1.63E-05	1.02E-03	6.21E-06	3.24E-06	6.42E-06	2.53E-06	3.11E-08	9.06E-08	2.94E-05
317	**317**	1.07E-03	1.61E-05	1.01E-03	6.42E-06	3.22E-06	6.49E-06	2.40E-06	3.20E-08	9.29E-08	3.04E-05
318	**318**	1.06E-03	1.59E-05	9.97E-04	6.64E-06	3.24E-06	6.47E-06	2.30E-06	3.30E-08	9.54E-08	3.15E-05
319	**319**	1.05E-03	1.58E-05	9.88E-04	6.87E-06	3.28E-06	6.37E-06	2.23E-06	3.40E-08	9.79E-08	3.26E-05
320	**320**	1.05E-03	1.56E-05	9.78E-04	7.11E-06	3.34E-06	6.24E-06	2.19E-06	3.51E-08	1.01E-07	3.38E-05
321	**321**	1.04E-03	1.54E-05	9.69E-04	7.36E-06	3.41E-06	6.15E-06	2.19E-06	3.62E-08	1.03E-07	3.50E-05
322	**322**	1.03E-03	1.53E-05	9.59E-04	7.62E-06	3.46E-06	6.13E-06	2.23E-06	3.74E-08	1.06E-07	3.63E-05
323	**323**	1.01E-03	1.48E-05	9.34E-04	8.48E-06	3.51E-06	6.02E-06	2.42E-06	4.14E-08	1.16E-07	4.07E-05
324	**324**	1.00E-03	1.46E-05	9.27E-04	8.79E-06	3.49E-06	5.84E-06	2.46E-06	4.29E-08	1.20E-07	4.23E-05
325	**325**	9.99E-04	1.45E-05	9.20E-04	9.11E-06	3.46E-06	5.59E-06	2.50E-06	4.46E-08	1.23E-07	4.40E-05
326	**326**	9.93E-04	1.43E-05	9.13E-04	9.44E-06	3.42E-06	5.32E-06	2.53E-06	4.63E-08	1.27E-07	4.58E-05
327	**327**	9.88E-04	1.41E-05	9.05E-04	9.78E-06	3.38E-06	5.09E-06	2.54E-06	4.81E-08	1.31E-07	4.77E-05
328	**328**	9.82E-04	1.39E-05	8.98E-04	1.01E-05	3.35E-06	4.93E-06	2.53E-06	5.00E-08	1.36E-07	4.97E-05
329	**329**	9.76E-04	1.38E-05	8.89E-04	1.05E-05	3.32E-06	4.85E-06	2.50E-06	5.21E-08	1.40E-07	5.18E-05
330	**330**	1.07E-03	1.67E-05	1.02E-03	4.59E-06	3.53E-06	6.67E-06	2.02E-06	2.46E-08	7.43E-08	2.27E-05
331	**331**	1.07E-03	1.66E-05	1.01E-03	4.75E-06	3.69E-06	6.39E-06	2.25E-06	2.51E-08	7.59E-08	2.33E-05
332	**332**	1.06E-03	1.65E-05	1.01E-03	4.91E-06	3.74E-06	6.00E-06	2.49E-06	2.58E-08	7.76E-08	2.40E-05
333	**333**	1.06E-03	1.64E-05	1.00E-03	5.08E-06	3.68E-06	5.68E-06	2.70E-06	2.65E-08	7.94E-08	2.48E-05
334	**334**	1.05E-03	1.63E-05	9.96E-04	5.24E-06	3.56E-06	5.52E-06	2.81E-06	2.72E-08	8.13E-08	2.56E-05
335	**335**	1.05E-03	1.61E-05	9.89E-04	5.40E-06	3.41E-06	5.52E-06	2.80E-06	2.79E-08	8.32E-08	2.64E-05
336	**336**	1.04E-03	1.60E-05	9.82E-04	5.57E-06	3.26E-06	5.65E-06	2.70E-06	2.87E-08	8.52E-08	2.72E-05
337	**337**	1.03E-03	1.58E-05	9.74E-04	5.73E-06	3.15E-06	5.81E-06	2.56E-06	2.95E-08	8.73E-08	2.82E-05
338	**338**	1.03E-03	1.57E-05	9.65E-04	5.91E-06	3.08E-06	5.96E-06	2.42E-06	3.04E-08	8.95E-08	2.91E-05

Berkley WTPF
Mitigated - - Risk Summary

		Chronic Non Cancer Risk									
Receptor #	**Receptor #**	**Max Chronic**	**Dredging**	**Peir**	**University**	**Seawall**	**Plaza**	**Boatlaunch**	**Haul 1**	**Haul 2**	**Haul 3**
339	**339**	1.02E-03	1.55E-05	9.57E-04	6.11E-06	3.06E-06	6.04E-06	2.30E-06	3.13E-08	9.18E-08	3.01E-05
340	**340**	1.01E-03	1.54E-05	9.49E-04	6.31E-06	3.08E-06	6.04E-06	2.20E-06	3.22E-08	9.43E-08	3.12E-05
341	**341**	1.01E-03	1.52E-05	9.40E-04	6.52E-06	3.12E-06	5.96E-06	2.14E-06	3.32E-08	9.68E-08	3.23E-05
342	**342**	9.98E-04	1.50E-05	9.32E-04	6.74E-06	3.18E-06	5.83E-06	2.10E-06	3.42E-08	9.94E-08	3.35E-05
343	**343**	9.91E-04	1.49E-05	9.24E-04	6.97E-06	3.24E-06	5.74E-06	2.10E-06	3.53E-08	1.02E-07	3.47E-05
344	**344**	9.84E-04	1.47E-05	9.15E-04	7.21E-06	3.30E-06	5.70E-06	2.14E-06	3.65E-08	1.05E-07	3.61E-05
345	**345**	9.78E-04	1.46E-05	9.07E-04	7.45E-06	3.33E-06	5.70E-06	2.20E-06	3.77E-08	1.08E-07	3.75E-05
346	**346**	9.72E-04	1.44E-05	8.99E-04	7.71E-06	3.35E-06	5.70E-06	2.26E-06	3.90E-08	1.11E-07	3.89E-05
347	**347**	9.66E-04	1.43E-05	8.92E-04	7.98E-06	3.35E-06	5.66E-06	2.32E-06	4.04E-08	1.15E-07	4.05E-05
348	**348**	9.61E-04	1.41E-05	8.85E-04	8.25E-06	3.34E-06	5.54E-06	2.36E-06	4.19E-08	1.18E-07	4.21E-05
349	**349**	9.56E-04	1.40E-05	8.79E-04	8.54E-06	3.31E-06	5.34E-06	2.40E-06	4.34E-08	1.22E-07	4.38E-05
350	**350**	9.52E-04	1.38E-05	8.73E-04	8.83E-06	3.28E-06	5.09E-06	2.43E-06	4.51E-08	1.26E-07	4.56E-05
351	**351**	9.47E-04	1.37E-05	8.66E-04	9.13E-06	3.24E-06	4.86E-06	2.44E-06	4.69E-08	1.30E-07	4.76E-05
352	**352**	9.42E-04	1.35E-05	8.59E-04	9.44E-06	3.20E-06	4.67E-06	2.44E-06	4.88E-08	1.34E-07	4.96E-05
353	**353**	1.02E-03	1.61E-05	9.67E-04	4.41E-06	3.43E-06	6.22E-06	1.99E-06	2.41E-08	7.35E-08	2.25E-05
354	**354**	1.02E-03	1.60E-05	9.64E-04	4.56E-06	3.56E-06	5.93E-06	2.22E-06	2.46E-08	7.51E-08	2.31E-05
355	**355**	1.01E-03	1.59E-05	9.58E-04	4.72E-06	3.58E-06	5.56E-06	2.45E-06	2.53E-08	7.68E-08	2.38E-05
356	**356**	1.01E-03	1.58E-05	9.53E-04	4.87E-06	3.51E-06	5.28E-06	2.63E-06	2.59E-08	7.85E-08	2.46E-05
357	**357**	1.01E-03	1.57E-05	9.48E-04	5.02E-06	3.39E-06	5.13E-06	2.71E-06	2.66E-08	8.04E-08	2.53E-05
358	**358**	1.00E-03	1.56E-05	9.42E-04	5.17E-06	3.24E-06	5.14E-06	2.69E-06	2.73E-08	8.23E-08	2.61E-05
359	**359**	9.93E-04	1.54E-05	9.35E-04	5.32E-06	3.10E-06	5.25E-06	2.58E-06	2.81E-08	8.43E-08	2.70E-05
360	**360**	9.87E-04	1.53E-05	9.27E-04	5.47E-06	3.00E-06	5.41E-06	2.44E-06	2.89E-08	8.64E-08	2.79E-05
361	**361**	9.80E-04	1.51E-05	9.20E-04	5.64E-06	2.93E-06	5.55E-06	2.31E-06	2.97E-08	8.86E-08	2.88E-05
362	**362**	9.74E-04	1.50E-05	9.12E-04	5.82E-06	2.92E-06	5.64E-06	2.20E-06	3.06E-08	9.09E-08	2.98E-05
363	**363**	9.67E-04	1.48E-05	9.04E-04	6.00E-06	2.93E-06	5.65E-06	2.11E-06	3.15E-08	9.33E-08	3.09E-05
364	**364**	9.60E-04	1.47E-05	8.97E-04	6.20E-06	2.98E-06	5.59E-06	2.05E-06	3.25E-08	9.57E-08	3.20E-05
365	**365**	9.54E-04	1.45E-05	8.89E-04	6.40E-06	3.03E-06	5.47E-06	2.02E-06	3.35E-08	9.84E-08	3.32E-05
366	**366**	9.48E-04	1.44E-05	8.82E-04	6.61E-06	3.09E-06	5.37E-06	2.02E-06	3.45E-08	1.01E-07	3.44E-05
367	**367**	9.41E-04	1.43E-05	8.74E-04	6.83E-06	3.14E-06	5.32E-06	2.06E-06	3.57E-08	1.04E-07	3.57E-05
368	**368**	9.35E-04	1.41E-05	8.66E-04	7.05E-06	3.18E-06	5.31E-06	2.11E-06	3.69E-08	1.07E-07	3.71E-05
369	**369**	9.30E-04	1.40E-05	8.59E-04	7.28E-06	3.20E-06	5.32E-06	2.17E-06	3.81E-08	1.10E-07	3.86E-05

Berkley WTPF
Mitigated - - Risk Summary

		Chronic Non Cancer Risk									
Receptor #	**Receptor #**	**Max Chronic**	**Dredging**	**Peir**	**University**	**Seawall**	**Plaza**	**Boatlaunch**	**Haul 1**	**Haul 2**	**Haul 3**
370	**370**	9.25E-04	1.38E-05	8.52E-04	7.52E-06	3.21E-06	5.31E-06	2.22E-06	3.95E-08	1.13E-07	4.02E-05
371	**371**	9.20E-04	1.37E-05	8.46E-04	7.77E-06	3.20E-06	5.24E-06	2.27E-06	4.09E-08	1.17E-07	4.18E-05
372	**372**	9.16E-04	1.36E-05	8.40E-04	8.02E-06	3.17E-06	5.09E-06	2.30E-06	4.24E-08	1.20E-07	4.35E-05
373	**373**	9.73E-04	1.54E-05	9.19E-04	4.39E-06	3.43E-06	5.51E-06	2.20E-06	2.42E-08	7.43E-08	2.29E-05
374	**374**	9.68E-04	1.53E-05	9.14E-04	4.53E-06	3.43E-06	5.17E-06	2.41E-06	2.48E-08	7.60E-08	2.36E-05
375	**375**	9.64E-04	1.52E-05	9.09E-04	4.67E-06	3.35E-06	4.92E-06	2.56E-06	2.54E-08	7.77E-08	2.43E-05
376	**376**	9.60E-04	1.51E-05	9.04E-04	4.81E-06	3.23E-06	4.79E-06	2.62E-06	2.61E-08	7.96E-08	2.51E-05
377	**377**	9.54E-04	1.50E-05	8.98E-04	4.95E-06	3.08E-06	4.80E-06	2.58E-06	2.68E-08	8.15E-08	2.59E-05
378	**378**	9.49E-04	1.49E-05	8.92E-04	5.09E-06	2.95E-06	4.90E-06	2.47E-06	2.75E-08	8.35E-08	2.67E-05
379	**379**	9.43E-04	1.47E-05	8.85E-04	5.23E-06	2.86E-06	5.05E-06	2.33E-06	2.83E-08	8.55E-08	2.76E-05
380	**380**	9.36E-04	1.46E-05	8.78E-04	5.39E-06	2.80E-06	5.18E-06	2.21E-06	2.91E-08	8.77E-08	2.85E-05
381	**381**	9.30E-04	1.45E-05	8.71E-04	5.55E-06	2.78E-06	5.27E-06	2.11E-06	3.00E-08	9.00E-08	2.95E-05
382	**382**	9.24E-04	1.43E-05	8.63E-04	5.72E-06	2.80E-06	5.30E-06	2.03E-06	3.08E-08	9.23E-08	3.06E-05
383	**383**	9.18E-04	1.42E-05	8.56E-04	5.90E-06	2.84E-06	5.25E-06	1.97E-06	3.18E-08	9.48E-08	3.17E-05
384	**384**	9.13E-04	1.41E-05	8.50E-04	6.09E-06	2.90E-06	5.15E-06	1.94E-06	3.28E-08	9.73E-08	3.29E-05
385	**385**	9.07E-04	1.39E-05	8.43E-04	6.28E-06	2.95E-06	5.05E-06	1.94E-06	3.38E-08	1.00E-07	3.41E-05
386	**386**	9.01E-04	1.38E-05	8.36E-04	6.48E-06	3.00E-06	4.98E-06	1.98E-06	3.49E-08	1.03E-07	3.54E-05
387	**387**	8.96E-04	1.37E-05	8.29E-04	6.68E-06	3.04E-06	4.97E-06	2.03E-06	3.60E-08	1.06E-07	3.68E-05
388	**388**	8.90E-04	1.35E-05	8.21E-04	6.89E-06	3.06E-06	4.98E-06	2.08E-06	3.73E-08	1.09E-07	3.83E-05
389	**389**	9.28E-04	1.48E-05	8.76E-04	4.23E-06	3.30E-06	5.14E-06	2.17E-06	2.38E-08	7.36E-08	2.28E-05
390	**390**	9.24E-04	1.48E-05	8.71E-04	4.36E-06	3.29E-06	4.83E-06	2.36E-06	2.44E-08	7.53E-08	2.34E-05
391	**391**	9.21E-04	1.47E-05	8.68E-04	4.49E-06	3.20E-06	4.59E-06	2.49E-06	2.50E-08	7.70E-08	2.41E-05
392	**392**	9.18E-04	1.46E-05	8.64E-04	4.62E-06	3.07E-06	4.48E-06	2.53E-06	2.56E-08	7.88E-08	2.49E-05
393	**393**	9.13E-04	1.45E-05	8.58E-04	4.75E-06	2.94E-06	4.49E-06	2.47E-06	2.63E-08	8.07E-08	2.56E-05
394	**394**	9.08E-04	1.44E-05	8.52E-04	4.87E-06	2.81E-06	4.59E-06	2.36E-06	2.70E-08	8.27E-08	2.65E-05
395	**395**	9.02E-04	1.43E-05	8.46E-04	5.01E-06	2.72E-06	4.72E-06	2.23E-06	2.78E-08	8.47E-08	2.73E-05
396	**396**	8.96E-04	1.41E-05	8.39E-04	5.15E-06	2.67E-06	4.85E-06	2.12E-06	2.85E-08	8.69E-08	2.83E-05
397	**397**	8.90E-04	1.40E-05	8.32E-04	5.30E-06	2.66E-06	4.94E-06	2.02E-06	2.94E-08	8.91E-08	2.92E-05
398	**398**	8.85E-04	1.39E-05	8.25E-04	5.46E-06	2.67E-06	4.98E-06	1.95E-06	3.02E-08	9.14E-08	3.03E-05
399	**399**	8.79E-04	1.37E-05	8.19E-04	5.63E-06	2.72E-06	4.95E-06	1.89E-06	3.11E-08	9.39E-08	3.13E-05
400	**400**	8.74E-04	1.36E-05	8.13E-04	5.80E-06	2.77E-06	4.86E-06	1.87E-06	3.21E-08	9.64E-08	3.25E-05

Berkley WTPF
Mitigated - - Risk Summary

		Chronic Non Cancer Risk									
Receptor #	**Receptor #**	**Max Chronic**	**Dredging**	**Peir**	**University**	**Seawall**	**Plaza**	**Boatlaunch**	**Haul 1**	**Haul 2**	**Haul 3**
401	**401**	8.69E-04	1.35E-05	8.06E-04	5.97E-06	2.82E-06	4.76E-06	1.87E-06	3.31E-08	9.90E-08	3.37E-05
402	**402**	8.64E-04	1.34E-05	8.00E-04	6.15E-06	2.87E-06	4.68E-06	1.90E-06	3.42E-08	1.02E-07	3.50E-05
403	**403**	8.59E-04	1.32E-05	7.94E-04	6.33E-06	2.91E-06	4.66E-06	1.95E-06	3.53E-08	1.05E-07	3.64E-05
404	**404**	8.83E-04	1.42E-05	8.31E-04	4.20E-06	3.14E-06	4.50E-06	2.31E-06	2.40E-08	7.47E-08	2.33E-05
405	**405**	8.81E-04	1.42E-05	8.29E-04	4.32E-06	3.06E-06	4.30E-06	2.42E-06	2.46E-08	7.64E-08	2.39E-05
406	**406**	8.79E-04	1.41E-05	8.26E-04	4.44E-06	2.93E-06	4.20E-06	2.44E-06	2.52E-08	7.81E-08	2.46E-05
407	**407**	8.75E-04	1.40E-05	8.21E-04	4.56E-06	2.80E-06	4.21E-06	2.37E-06	2.58E-08	8.00E-08	2.54E-05
408	**408**	8.70E-04	1.39E-05	8.16E-04	4.68E-06	2.69E-06	4.30E-06	2.26E-06	2.65E-08	8.19E-08	2.62E-05
409	**409**	8.64E-04	1.38E-05	8.09E-04	4.80E-06	2.60E-06	4.43E-06	2.14E-06	2.72E-08	8.40E-08	2.71E-05
410	**410**	8.59E-04	1.37E-05	8.03E-04	4.93E-06	2.56E-06	4.55E-06	2.03E-06	2.80E-08	8.61E-08	2.80E-05
411	**411**	8.53E-04	1.36E-05	7.97E-04	5.07E-06	2.54E-06	4.64E-06	1.94E-06	2.88E-08	8.83E-08	2.89E-05
412	**412**	8.48E-04	1.34E-05	7.90E-04	5.22E-06	2.56E-06	4.68E-06	1.87E-06	2.96E-08	9.06E-08	2.99E-05
413	**413**	8.43E-04	1.33E-05	7.84E-04	5.37E-06	2.60E-06	4.67E-06	1.82E-06	3.05E-08	9.30E-08	3.10E-05
414	**414**	8.38E-04	1.32E-05	7.78E-04	5.53E-06	2.65E-06	4.60E-06	1.80E-06	3.15E-08	9.55E-08	3.21E-05
415	**415**	8.33E-04	1.31E-05	7.72E-04	5.69E-06	2.70E-06	4.50E-06	1.80E-06	3.24E-08	9.81E-08	3.33E-05
416	**416**	8.29E-04	1.30E-05	7.66E-04	5.85E-06	2.75E-06	4.42E-06	1.83E-06	3.35E-08	1.01E-07	3.46E-05
417	**417**	8.24E-04	1.28E-05	7.60E-04	6.02E-06	2.79E-06	4.38E-06	1.88E-06	3.46E-08	1.04E-07	3.60E-05
418	**418**	8.40E-04	1.36E-05	7.88E-04	4.27E-06	2.79E-06	3.94E-06	2.34E-06	2.48E-08	7.76E-08	2.45E-05
419	**419**	8.39E-04	1.36E-05	7.87E-04	4.38E-06	2.68E-06	3.96E-06	2.28E-06	2.54E-08	7.93E-08	2.52E-05
420	**420**	8.34E-04	1.35E-05	7.82E-04	4.49E-06	2.57E-06	4.05E-06	2.17E-06	2.60E-08	8.13E-08	2.59E-05
421	**421**	8.29E-04	1.34E-05	7.76E-04	4.61E-06	2.49E-06	4.16E-06	2.05E-06	2.68E-08	8.33E-08	2.68E-05
422	**422**	8.24E-04	1.33E-05	7.70E-04	4.73E-06	2.45E-06	4.28E-06	1.95E-06	2.75E-08	8.54E-08	2.77E-05
423	**423**	8.19E-04	1.31E-05	7.64E-04	4.86E-06	2.44E-06	4.36E-06	1.87E-06	2.83E-08	8.75E-08	2.86E-05
424	**424**	8.14E-04	1.30E-05	7.58E-04	4.99E-06	2.45E-06	4.41E-06	1.80E-06	2.91E-08	8.98E-08	2.96E-05
425	**425**	8.09E-04	1.29E-05	7.52E-04	5.13E-06	2.49E-06	4.41E-06	1.76E-06	2.99E-08	9.22E-08	3.06E-05
426	**426**	8.05E-04	1.28E-05	7.46E-04	5.28E-06	2.54E-06	4.36E-06	1.73E-06	3.09E-08	9.46E-08	3.18E-05
427	**427**	8.00E-04	1.27E-05	7.41E-04	5.42E-06	2.59E-06	4.27E-06	1.74E-06	3.18E-08	9.72E-08	3.30E-05
428	**428**	7.96E-04	1.26E-05	7.35E-04	5.57E-06	2.64E-06	4.18E-06	1.76E-06	3.28E-08	9.98E-08	3.42E-05
429	**429**	7.91E-04	1.25E-05	7.28E-04	5.72E-06	2.67E-06	4.13E-06	1.81E-06	3.39E-08	1.03E-07	3.56E-05
430	**430**	7.85E-04	1.27E-05	7.31E-04	4.66E-06	2.33E-06	4.11E-06	1.79E-06	2.78E-08	8.69E-08	2.83E-05
431	**431**	7.81E-04	1.26E-05	7.26E-04	4.78E-06	2.35E-06	4.17E-06	1.73E-06	2.86E-08	8.91E-08	2.93E-05

Berkley WTPF
Mitigated - - Risk Summary

		Chronic Non Cancer Risk									
Receptor #	**Receptor #**	**Max Chronic**	**Dredging**	**Peir**	**University**	**Seawall**	**Plaza**	**Boatlaunch**	**Haul 1**	**Haul 2**	**Haul 3**
432	**432**	7.77E-04	1.25E-05	7.20E-04	4.91E-06	2.39E-06	4.18E-06	1.69E-06	2.95E-08	9.15E-08	3.03E-05
433	**433**	7.73E-04	1.24E-05	7.16E-04	5.04E-06	2.43E-06	4.13E-06	1.67E-06	3.03E-08	9.38E-08	3.14E-05
434	**434**	7.69E-04	1.23E-05	7.11E-04	5.17E-06	2.48E-06	4.05E-06	1.68E-06	3.12E-08	9.63E-08	3.26E-05
435	**435**	7.66E-04	1.22E-05	7.06E-04	5.31E-06	2.53E-06	3.97E-06	1.70E-06	3.22E-08	9.89E-08	3.38E-05
						Park					
436	**436**	2.55E-03	3.27E-05	2.33E-03	5.22E-06	1.42E-04	1.57E-05	1.22E-05	1.44E-08	4.22E-08	8.19E-06
437	**437**	2.35E-03	2.96E-05	2.15E-03	5.20E-06	1.32E-04	1.62E-05	1.35E-05	1.49E-08	4.35E-08	8.29E-06
438	**438**	3.18E-03	4.15E-05	2.99E-03	5.80E-06	1.05E-04	2.10E-05	8.51E-06	1.34E-08	3.95E-08	8.16E-06
439	**439**	2.92E-03	3.69E-05	2.73E-03	5.87E-06	1.10E-04	2.09E-05	9.14E-06	1.39E-08	4.06E-08	8.26E-06
440	**440**	2.69E-03	3.32E-05	2.49E-03	5.93E-06	1.16E-04	2.17E-05	1.04E-05	1.44E-08	4.19E-08	8.36E-06
441	**441**	2.44E-03	3.00E-05	2.27E-03	5.93E-06	9.13E-05	2.25E-05	1.13E-05	1.49E-08	4.32E-08	8.46E-06
442	**442**	3.80E-03	4.75E-05	3.65E-03	6.50E-06	5.64E-05	3.01E-05	7.06E-06	1.28E-08	3.80E-08	8.18E-06
443	**443**	3.45E-03	4.16E-05	3.27E-03	6.63E-06	8.98E-05	2.95E-05	7.23E-06	1.32E-08	3.92E-08	8.30E-06
444	**444**	3.11E-03	3.70E-05	2.94E-03	6.74E-06	8.33E-05	3.04E-05	7.90E-06	1.37E-08	4.03E-08	8.41E-06
445	**445**	2.81E-03	3.33E-05	2.65E-03	6.82E-06	7.09E-05	3.17E-05	9.00E-06	1.42E-08	4.15E-08	8.52E-06
446	**446**	2.53E-03	3.01E-05	2.39E-03	6.85E-06	6.03E-05	3.18E-05	9.63E-06	1.48E-08	4.28E-08	8.63E-06
447	**447**	4.21E-03	4.68E-05	4.04E-03	7.54E-06	5.90E-05	4.58E-05	6.04E-06	1.25E-08	3.78E-08	8.31E-06
448	**448**	3.72E-03	4.10E-05	3.54E-03	7.71E-06	6.35E-05	4.63E-05	6.26E-06	1.30E-08	3.88E-08	8.43E-06
449	**449**	3.29E-03	3.66E-05	3.13E-03	7.87E-06	5.45E-05	4.73E-05	6.95E-06	1.35E-08	4.00E-08	8.56E-06
450	**450**	2.94E-03	3.30E-05	2.79E-03	8.00E-06	4.84E-05	4.68E-05	7.88E-06	1.41E-08	4.12E-08	8.67E-06
451	**451**	2.63E-03	2.98E-05	2.49E-03	8.07E-06	4.26E-05	4.40E-05	8.27E-06	1.46E-08	4.24E-08	8.80E-06
452	**452**	2.36E-03	2.71E-05	2.23E-03	8.15E-06	3.77E-05	4.00E-05	8.03E-06	1.52E-08	4.38E-08	8.92E-06
453	**453**	4.61E-03	4.55E-05	4.42E-03	8.93E-06	4.12E-05	8.14E-05	5.24E-06	1.23E-08	3.75E-08	8.43E-06
454	**454**	3.98E-03	4.00E-05	3.79E-03	9.19E-06	4.69E-05	7.92E-05	5.52E-06	1.28E-08	3.85E-08	8.56E-06
455	**455**	3.47E-03	3.57E-05	3.30E-03	9.42E-06	3.99E-05	7.47E-05	6.20E-06	1.33E-08	3.97E-08	8.70E-06
456	**456**	3.06E-03	3.22E-05	2.90E-03	9.65E-06	3.56E-05	6.72E-05	6.96E-06	1.38E-08	4.08E-08	8.82E-06
457	**457**	2.71E-03	2.92E-05	2.57E-03	9.83E-06	3.18E-05	5.82E-05	7.16E-06	1.44E-08	4.21E-08	8.95E-06
458	**458**	2.43E-03	2.66E-05	2.29E-03	9.98E-06	2.87E-05	4.96E-05	6.88E-06	1.50E-08	4.34E-08	9.09E-06
459	**459**	6.02E-03	5.01E-05	5.74E-03	1.04E-05	2.02E-05	1.92E-04	4.54E-06	1.17E-08	3.62E-08	8.40E-06
460	**460**	5.00E-03	4.37E-05	4.72E-03	1.10E-05	4.76E-05	1.65E-04	4.61E-06	1.21E-08	3.72E-08	8.54E-06
461	**461**	4.20E-03	3.86E-05	3.96E-03	1.14E-05	3.59E-05	1.38E-04	4.94E-06	1.26E-08	3.82E-08	8.69E-06

Berkley WTPF
Mitigated - - Risk Summary

		Chronic Non Cancer Risk									
Receptor #	**Receptor #**	**Max Chronic**	**Dredging**	**Peir**	**University**	**Seawall**	**Plaza**	**Boatlaunch**	**Haul 1**	**Haul 2**	**Haul 3**
462	**462**	3.61E-03	3.46E-05	3.41E-03	1.18E-05	3.05E-05	1.13E-04	5.59E-06	1.31E-08	3.93E-08	8.83E-06
463	**463**	3.16E-03	3.13E-05	2.98E-03	1.22E-05	2.74E-05	9.15E-05	6.19E-06	1.36E-08	4.05E-08	8.96E-06
464	**464**	2.78E-03	2.83E-05	2.62E-03	1.25E-05	2.47E-05	7.32E-05	6.24E-06	1.42E-08	4.17E-08	9.11E-06
465	**465**	2.47E-03	2.58E-05	2.33E-03	1.27E-05	2.25E-05	5.90E-05	5.95E-06	1.48E-08	4.30E-08	9.25E-06
466	**466**	2.21E-03	2.37E-05	2.09E-03	1.28E-05	2.08E-05	4.80E-05	5.77E-06	1.54E-08	4.43E-08	9.40E-06
467	**467**	6.27E-03	4.75E-05	5.91E-03	1.34E-05	1.97E-05	2.65E-04	4.00E-06	1.15E-08	3.59E-08	8.50E-06
468	**468**	5.23E-03	4.16E-05	4.79E-03	1.43E-05	3.30E-05	3.36E-04	4.10E-06	1.19E-08	3.69E-08	8.65E-06
469	**469**	4.32E-03	3.69E-05	4.00E-03	1.50E-05	2.64E-05	2.27E-04	4.48E-06	1.24E-08	3.79E-08	8.81E-06
470	**470**	3.67E-03	3.31E-05	3.42E-03	1.59E-05	2.33E-05	1.61E-04	5.08E-06	1.29E-08	3.90E-08	8.96E-06
471	**471**	3.19E-03	3.01E-05	2.99E-03	1.66E-05	2.13E-05	1.18E-04	5.53E-06	1.34E-08	4.01E-08	9.10E-06
472	**472**	2.79E-03	2.73E-05	2.62E-03	1.69E-05	1.94E-05	8.86E-05	5.48E-06	1.39E-08	4.13E-08	9.25E-06
473	**473**	2.47E-03	2.50E-05	2.33E-03	1.69E-05	1.80E-05	6.85E-05	5.20E-06	1.45E-08	4.26E-08	9.41E-06
474	**474**	2.22E-03	2.30E-05	2.09E-03	1.67E-05	1.68E-05	5.44E-05	5.04E-06	1.52E-08	4.39E-08	9.56E-06
475	**475**	2.00E-03	2.12E-05	1.89E-03	1.64E-05	1.57E-05	4.41E-05	5.10E-06	1.58E-08	4.53E-08	9.72E-06
476	**476**	5.89E-03	4.45E-05	5.55E-03	1.90E-05	2.18E-05	2.38E-04	3.56E-06	1.13E-08	3.56E-08	8.60E-06
477	**477**	5.06E-03	3.92E-05	4.56E-03	2.13E-05	2.02E-05	4.07E-04	3.70E-06	1.17E-08	3.66E-08	8.76E-06
478	**478**	4.24E-03	3.49E-05	3.84E-03	2.32E-05	1.86E-05	3.14E-04	4.10E-06	1.22E-08	3.76E-08	8.92E-06
479	**479**	3.60E-03	3.15E-05	3.31E-03	2.45E-05	1.74E-05	2.03E-04	4.64E-06	1.26E-08	3.87E-08	9.08E-06
480	**480**	3.13E-03	2.87E-05	2.90E-03	2.48E-05	1.64E-05	1.41E-04	4.96E-06	1.31E-08	3.98E-08	9.23E-06
481	**481**	2.74E-03	2.61E-05	2.56E-03	2.44E-05	1.54E-05	1.02E-04	4.85E-06	1.37E-08	4.10E-08	9.39E-06
482	**482**	2.43E-03	2.39E-05	2.28E-03	2.36E-05	1.45E-05	7.76E-05	4.58E-06	1.42E-08	4.22E-08	9.56E-06
483	**483**	2.18E-03	2.21E-05	2.05E-03	2.28E-05	1.37E-05	6.08E-05	4.44E-06	1.49E-08	4.35E-08	9.72E-06
484	**484**	1.97E-03	2.05E-05	1.86E-03	2.19E-05	1.30E-05	4.89E-05	4.50E-06	1.55E-08	4.49E-08	9.89E-06
485	**485**	1.80E-03	1.91E-05	1.69E-03	2.10E-05	1.23E-05	4.02E-05	4.63E-06	1.62E-08	4.63E-08	1.01E-05
486	**486**	1.65E-03	1.78E-05	1.55E-03	2.01E-05	1.16E-05	3.36E-05	4.70E-06	1.70E-08	4.79E-08	1.02E-05
487	**487**	5.41E-03	4.13E-05	4.88E-03	2.46E-05	1.37E-05	4.42E-04	3.20E-06	1.11E-08	3.53E-08	8.69E-06
488	**488**	4.79E-03	3.66E-05	4.11E-03	3.45E-05	1.38E-05	5.86E-04	3.38E-06	1.15E-08	3.63E-08	8.86E-06
489	**489**	3.97E-03	3.27E-05	3.52E-03	4.90E-05	1.35E-05	3.35E-04	3.79E-06	1.20E-08	3.73E-08	9.02E-06
490	**490**	3.39E-03	2.96E-05	3.07E-03	4.56E-05	1.32E-05	2.14E-04	4.24E-06	1.24E-08	3.83E-08	9.19E-06
491	**491**	2.96E-03	2.70E-05	2.71E-03	4.20E-05	1.27E-05	1.48E-04	4.43E-06	1.29E-08	3.94E-08	9.36E-06
492	**492**	2.62E-03	2.48E-05	2.42E-03	3.88E-05	1.23E-05	1.08E-04	4.30E-06	1.34E-08	4.06E-08	9.53E-06

Berkley WTPF
Mitigated - - Risk Summary

		Chronic Non Cancer Risk									
Receptor #	**Receptor #**	**Max Chronic**	**Dredging**	**Peir**	**University**	**Seawall**	**Plaza**	**Boatlaunch**	**Haul 1**	**Haul 2**	**Haul 3**
493	**493**	2.34E-03	2.28E-05	2.17E-03	3.58E-05	1.18E-05	8.24E-05	4.07E-06	1.40E-08	4.18E-08	9.70E-06
494	**494**	2.11E-03	2.11E-05	1.96E-03	3.31E-05	1.13E-05	6.45E-05	3.95E-06	1.46E-08	4.31E-08	9.88E-06
495	**495**	1.91E-03	1.96E-05	1.79E-03	3.08E-05	1.08E-05	5.18E-05	4.00E-06	1.52E-08	4.44E-08	1.01E-05
496	**496**	1.75E-03	1.83E-05	1.63E-03	2.88E-05	1.03E-05	4.25E-05	4.11E-06	1.59E-08	4.59E-08	1.02E-05
497	**497**	1.61E-03	1.72E-05	1.50E-03	2.71E-05	9.82E-06	3.54E-05	4.19E-06	1.67E-08	4.74E-08	1.04E-05
498	**498**	1.48E-03	1.61E-05	1.39E-03	2.54E-05	9.35E-06	3.00E-05	4.17E-06	1.75E-08	4.90E-08	1.06E-05
499	**499**	1.38E-03	1.53E-05	1.29E-03	2.40E-05	8.92E-06	2.57E-05	4.10E-06	1.83E-08	5.07E-08	1.08E-05
500	**500**	3.52E-03	3.05E-05	3.14E-03	4.76E-05	1.06E-05	2.79E-04	3.53E-06	1.18E-08	3.70E-08	9.12E-06
501	**501**	3.07E-03	2.77E-05	2.77E-03	6.02E-05	1.04E-05	1.88E-04	3.90E-06	1.22E-08	3.80E-08	9.30E-06
502	**502**	2.72E-03	2.54E-05	2.47E-03	6.57E-05	1.02E-05	1.35E-04	3.99E-06	1.27E-08	3.91E-08	9.48E-06
503	**503**	2.45E-03	2.34E-05	2.23E-03	7.41E-05	9.96E-06	1.01E-04	3.84E-06	1.32E-08	4.02E-08	9.66E-06
504	**504**	2.21E-03	2.17E-05	2.02E-03	6.27E-05	9.70E-06	7.86E-05	3.63E-06	1.37E-08	4.14E-08	9.84E-06
505	**505**	2.00E-03	2.01E-05	1.84E-03	5.44E-05	9.42E-06	6.25E-05	3.54E-06	1.43E-08	4.27E-08	1.00E-05
506	**506**	1.83E-03	1.88E-05	1.69E-03	4.80E-05	9.10E-06	5.07E-05	3.58E-06	1.49E-08	4.40E-08	1.02E-05
507	**507**	1.68E-03	1.75E-05	1.55E-03	4.30E-05	8.75E-06	4.18E-05	3.69E-06	1.56E-08	4.54E-08	1.04E-05
508	**508**	1.55E-03	1.65E-05	1.43E-03	3.91E-05	8.40E-06	3.50E-05	3.76E-06	1.64E-08	4.69E-08	1.06E-05
509	**509**	1.43E-03	1.55E-05	1.33E-03	3.58E-05	8.05E-06	2.97E-05	3.76E-06	1.71E-08	4.85E-08	1.08E-05
510	**510**	1.33E-03	1.47E-05	1.24E-03	3.30E-05	7.72E-06	2.55E-05	3.70E-06	1.80E-08	5.01E-08	1.10E-05
511	**511**	1.24E-03	1.39E-05	1.16E-03	3.05E-05	7.40E-06	2.22E-05	3.63E-06	1.89E-08	5.19E-08	1.12E-05
512	**512**	2.02E-03	2.04E-05	1.84E-03	6.77E-05	8.11E-06	6.69E-05	3.25E-06	1.35E-08	4.11E-08	9.98E-06
513	**513**	1.90E-03	1.91E-05	1.70E-03	1.01E-04	7.99E-06	5.50E-05	3.18E-06	1.41E-08	4.23E-08	1.02E-05
514	**514**	1.74E-03	1.78E-05	1.57E-03	9.14E-05	7.77E-06	4.56E-05	3.22E-06	1.47E-08	4.36E-08	1.04E-05
515	**515**	1.60E-03	1.67E-05	1.45E-03	7.51E-05	7.52E-06	3.83E-05	3.32E-06	1.53E-08	4.50E-08	1.06E-05
516	**516**	1.48E-03	1.57E-05	1.35E-03	6.38E-05	7.25E-06	3.25E-05	3.40E-06	1.60E-08	4.64E-08	1.08E-05
517	**517**	1.38E-03	1.48E-05	1.26E-03	5.56E-05	6.98E-06	2.79E-05	3.41E-06	1.68E-08	4.79E-08	1.10E-05
518	**518**	1.28E-03	1.41E-05	1.17E-03	4.93E-05	6.73E-06	2.42E-05	3.36E-06	1.76E-08	4.96E-08	1.12E-05
519	**519**	1.20E-03	1.33E-05	1.10E-03	4.43E-05	6.48E-06	2.11E-05	3.29E-06	1.85E-08	5.13E-08	1.14E-05
520	**520**	3.19E-03	3.15E-05	2.95E-03	2.09E-05	7.13E-06	1.67E-04	2.46E-06	1.07E-08	3.45E-08	8.91E-06
521	**521**	2.86E-03	2.85E-05	2.64E-03	3.02E-05	7.24E-06	1.40E-04	2.74E-06	1.11E-08	3.55E-08	9.11E-06
522	**522**	2.59E-03	2.59E-05	2.38E-03	4.27E-05	7.26E-06	1.15E-04	3.08E-06	1.15E-08	3.64E-08	9.30E-06
523	**523**	1.48E-03	1.59E-05	1.34E-03	7.42E-05	6.54E-06	3.31E-05	3.01E-06	1.50E-08	4.45E-08	1.07E-05

Berkley WTPF
Mitigated - - Risk Summary

		Chronic Non Cancer Risk									
Receptor #	**Receptor #**	**Max Chronic**	**Dredging**	**Peir**	**University**	**Seawall**	**Plaza**	**Boatlaunch**	**Haul 1**	**Haul 2**	**Haul 3**
524	**524**	1.40E-03	1.50E-05	1.25E-03	9.00E-05	6.33E-06	2.87E-05	3.08E-06	1.57E-08	4.59E-08	1.09E-05
525	**525**	1.33E-03	1.41E-05	1.17E-03	9.64E-05	6.12E-06	2.51E-05	3.11E-06	1.65E-08	4.74E-08	1.12E-05
526	**526**	1.25E-03	1.34E-05	1.10E-03	8.84E-05	5.91E-06	2.20E-05	3.07E-06	1.72E-08	4.90E-08	1.14E-05
527	**527**	1.16E-03	1.28E-05	1.04E-03	7.40E-05	5.72E-06	1.95E-05	3.01E-06	1.81E-08	5.07E-08	1.16E-05
0	**0**	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Berkley WTPF

PM2.5 Mitigated Concentration

Receptor #	Conc.	*Dredging*	*Peir*	*University*		*Seawall*		*Plaza*		*Boatlaunch*		*Haul1*		*Haul2*		*Haul3*	
		Exhaust	*Exhaust*	*Exhaust*	*Fugitive*	*Exhaust*	*Fugitive*	*Exhaust*	*Fugitive*	*Exhaust*	*Fugitive*	*Exhaust*	*Fugitive*	*Exhaust*	*Fugitive*	*Exhaust*	*Fugitive*
1	**0.02**																
Max (park)	**0.10**																
Total	**0.12**																
	Emissions:	**5.48E-04**	**0.02**	**5.72718E-05**	**7.15897E-06**	**6.37E-05**	**0.00**	**5.72718E-05**	**9.55E-06**	**5.73E-05**	**9.55E-06**	**6.65E-07**	**1.12E-06**	**2.87E-06**	**4.85E-06**	**2.86E-06**	**4.82E-06**
1	1.92E-02	2.35E-04	1.8E-02	1.4E-04	1.6E-05	6.2E-05	5.1E-06	3.3E-04	5.2E-05	3.7E-05	6.2E-06	1.7E-07	2.9E-07	5.5E-07	9.4E-07	8.1E-07	1.4E-06
2	1.83E-02	2.25E-04	1.7E-02	1.6E-04	1.7E-05	6.1E-05	5.0E-06	3.1E-04	4.9E-05	3.6E-05	5.5E-06	1.8E-07	3.0E-07	5.7E-07	9.6E-07	8.3E-07	1.4E-06
3	1.75E-02	2.15E-04	1.7E-02	1.8E-04	1.9E-05	6.0E-05	5.0E-06	2.9E-04	4.6E-05	3.4E-05	4.9E-06	1.8E-07	3.1E-07	5.8E-07	9.9E-07	8.5E-07	1.4E-06
4	1.67E-02	2.06E-04	1.6E-02	2.0E-04	2.0E-05	6.0E-05	5.0E-06	2.8E-04	4.5E-05	3.2E-05	4.5E-06	1.9E-07	3.2E-07	6.0E-07	1.0E-06	8.7E-07	1.5E-06
5	1.59E-02	1.97E-04	1.5E-02	2.2E-04	2.2E-05	6.0E-05	5.1E-06	2.7E-04	4.4E-05	3.0E-05	4.3E-06	2.0E-07	3.3E-07	6.2E-07	1.0E-06	8.9E-07	1.5E-06
6	1.52E-02	1.89E-04	1.4E-02	2.4E-04	2.4E-05	6.0E-05	5.1E-06	2.5E-04	4.2E-05	3.0E-05	4.3E-06	2.0E-07	3.4E-07	6.4E-07	1.1E-06	9.2E-07	1.5E-06
7	1.45E-02	1.81E-04	1.4E-02	2.6E-04	2.6E-05	6.0E-05	5.1E-06	2.3E-04	4.0E-05	3.1E-05	4.6E-06	2.1E-07	3.6E-07	6.5E-07	1.1E-06	9.4E-07	1.6E-06
8	1.38E-02	1.74E-04	1.3E-02	2.9E-04	2.8E-05	5.9E-05	5.1E-06	2.2E-04	3.6E-05	3.2E-05	4.8E-06	2.2E-07	3.7E-07	6.7E-07	1.1E-06	9.6E-07	1.6E-06
9	1.78E-02	2.20E-04	1.7E-02	1.1E-04	1.2E-05	5.6E-05	4.8E-06	2.7E-04	4.2E-05	3.3E-05	5.7E-06	1.6E-07	2.7E-07	5.4E-07	9.1E-07	7.9E-07	1.3E-06
10	1.72E-02	2.13E-04	1.6E-02	1.2E-04	1.3E-05	5.6E-05	4.6E-06	2.6E-04	4.1E-05	3.4E-05	5.7E-06	1.7E-07	2.8E-07	5.5E-07	9.3E-07	8.1E-07	1.4E-06
11	1.65E-02	2.05E-04	1.6E-02	1.3E-04	1.4E-05	5.5E-05	4.4E-06	2.5E-04	3.9E-05	3.3E-05	5.0E-06	1.7E-07	2.9E-07	5.6E-07	9.5E-07	8.3E-07	1.4E-06
12	1.58E-02	1.97E-04	1.5E-02	1.5E-04	1.5E-05	5.4E-05	4.4E-06	2.3E-04	3.7E-05	3.1E-05	4.5E-06	1.8E-07	3.0E-07	5.8E-07	9.8E-07	8.6E-07	1.4E-06
13	1.51E-02	1.89E-04	1.4E-02	1.6E-04	1.7E-05	5.4E-05	4.5E-06	2.2E-04	3.5E-05	2.9E-05	4.1E-06	1.9E-07	3.1E-07	5.9E-07	1.0E-06	8.8E-07	1.5E-06
14	1.45E-02	1.82E-04	1.4E-02	1.7E-04	1.8E-05	5.4E-05	4.6E-06	2.2E-04	3.5E-05	2.8E-05	4.0E-06	1.9E-07	3.3E-07	6.1E-07	1.0E-06	9.0E-07	1.5E-06
15	1.39E-02	1.76E-04	1.3E-02	1.9E-04	1.9E-05	5.5E-05	4.6E-06	2.1E-04	3.4E-05	2.8E-05	4.0E-06	2.0E-07	3.4E-07	6.3E-07	1.1E-06	9.2E-07	1.6E-06
16	1.33E-02	1.69E-04	1.3E-02	2.1E-04	2.0E-05	5.4E-05	4.6E-06	2.0E-04	3.4E-05	2.9E-05	4.2E-06	2.1E-07	3.5E-07	6.5E-07	1.1E-06	9.5E-07	1.6E-06
17	1.27E-02	1.63E-04	1.2E-02	2.3E-04	2.2E-05	5.4E-05	4.6E-06	1.9E-04	3.2E-05	3.0E-05	4.5E-06	2.2E-07	3.7E-07	6.7E-07	1.1E-06	9.7E-07	1.6E-06
18	1.22E-02	1.57E-04	1.1E-02	2.5E-04	2.4E-05	5.3E-05	4.6E-06	1.7E-04	2.9E-05	3.0E-05	4.6E-06	2.3E-07	3.8E-07	6.9E-07	1.2E-06	9.9E-07	1.7E-06
19	1.17E-02	1.51E-04	1.1E-02	2.7E-04	2.5E-05	5.2E-05	4.5E-06	1.6E-04	2.7E-05	3.1E-05	4.7E-06	2.4E-07	4.0E-07	7.1E-07	1.2E-06	1.0E-06	1.7E-06
20	1.12E-02	1.46E-04	1.0E-02	2.9E-04	2.7E-05	5.1E-05	4.4E-06	1.5E-04	2.4E-05	3.1E-05	4.7E-06	2.5E-07	4.2E-07	7.3E-07	1.2E-06	1.0E-06	1.8E-06
21	1.60E-02	2.00E-04	1.5E-02	9.7E-05	1.1E-05	5.1E-05	4.4E-06	2.2E-04	3.4E-05	3.1E-05	5.4E-06	1.6E-07	2.7E-07	5.3E-07	9.0E-07	8.0E-07	1.3E-06
22	1.55E-02	1.94E-04	1.5E-02	1.1E-04	1.1E-05	5.0E-05	4.1E-06	2.1E-04	3.3E-05	3.2E-05	5.3E-06	1.7E-07	2.8E-07	5.4E-07	9.2E-07	8.2E-07	1.4E-06
23	1.50E-02	1.87E-04	1.4E-02	1.2E-04	1.2E-05	4.9E-05	4.0E-06	2.0E-04	3.3E-05	3.1E-05	4.6E-06	1.7E-07	2.9E-07	5.6E-07	9.4E-07	8.4E-07	1.4E-06
24	1.44E-02	1.81E-04	1.4E-02	1.2E-04	1.3E-05	4.9E-05	4.0E-06	1.9E-04	3.0E-05	2.9E-05	4.1E-06	1.8E-07	3.0E-07	5.7E-07	9.7E-07	8.6E-07	1.5E-06
25	1.38E-02	1.74E-04	1.3E-02	1.4E-04	1.4E-05	4.9E-05	4.1E-06	1.8E-04	2.8E-05	2.7E-05	3.8E-06	1.8E-07	3.1E-07	5.9E-07	1.0E-06	8.8E-07	1.5E-06
26	1.33E-02	1.68E-04	1.3E-02	1.5E-04	1.5E-05	4.9E-05	4.2E-06	1.8E-04	2.7E-05	2.6E-05	3.7E-06	1.9E-07	3.2E-07	6.1E-07	1.0E-06	9.1E-07	1.5E-06
27	1.28E-02	1.63E-04	1.2E-02	1.6E-04	1.6E-05	5.0E-05	4.2E-06	1.7E-04	2.7E-05	2.6E-05	3.7E-06	2.0E-07	3.4E-07	6.2E-07	1.1E-06	9.3E-07	1.6E-06
28	1.23E-02	1.58E-04	1.2E-02	1.7E-04	1.7E-05	4.9E-05	4.2E-06	1.7E-04	2.8E-05	2.7E-05	3.9E-06	2.1E-07	3.5E-07	6.4E-07	1.1E-06	9.5E-07	1.6E-06
29	1.18E-02	1.52E-04	1.1E-02	1.8E-04	1.8E-05	4.9E-05	4.2E-06	1.6E-04	2.7E-05	2.8E-05	4.2E-06	2.1E-07	3.6E-07	6.6E-07	1.1E-06	9.8E-07	1.7E-06
30	1.13E-02	1.48E-04	1.1E-02	2.0E-04	1.9E-05	4.8E-05	4.2E-06	1.5E-04	2.6E-05	2.8E-05	4.3E-06	2.2E-07	3.8E-07	6.8E-07	1.1E-06	1.0E-06	1.7E-06
31	1.09E-02	1.43E-04	1.0E-02	2.1E-04	2.0E-05	4.8E-05	4.1E-06	1.4E-04	2.4E-05	2.9E-05	4.3E-06	2.3E-07	3.9E-07	7.0E-07	1.2E-06	1.0E-06	1.7E-06
32	1.05E-02	1.38E-04	9.8E-03	2.3E-04	2.2E-05	4.7E-05	4.0E-06	1.3E-04	2.2E-05	2.9E-05	4.4E-06	2.4E-07	4.1E-07	7.2E-07	1.2E-06	1.1E-06	1.8E-06
33	1.01E-02	1.34E-04	9.4E-03	2.5E-04	2.3E-05	4.6E-05	4.0E-06	1.2E-04	2.0E-05	2.9E-05	4.4E-06	2.5E-07	4.3E-07	7.5E-07	1.3E-06	1.1E-06	1.8E-06
34	9.73E-03	1.30E-04	9.1E-03	2.7E-04	2.5E-05	4.5E-05	3.9E-06	1.1E-04	1.9E-05	2.8E-05	4.2E-06	2.7E-07	4.5E-07	7.7E-07	1.3E-06	1.1E-06	1.9E-06
35	9.42E-03	1.26E-04	8.8E-03	3.0E-04	2.7E-05	4.4E-05	3.8E-06	1.1E-04	1.7E-05	2.7E-05	4.0E-06	2.8E-07	4.7E-07	8.0E-07	1.3E-06	1.1E-06	1.9E-06
36	9.12E-03	1.22E-04	8.4E-03	3.2E-04	2.9E-05	4.3E-05	3.7E-06	1.0E-04	1.6E-05	2.7E-05	4.0E-06	2.9E-07	4.9E-07	8.3E-07	1.4E-06	1.2E-06	2.0E-06
37	1.45E-02	1.84E-04	1.4E-02	8.7E-05	9.5E-06	4.7E-05	3.9E-06	1.8E-04	2.8E-05	3.0E-05	5.2E-06	1.6E-07	2.7E-07	5.3E-07	8.9E-07	8.0E-07	1.3E-06
38	1.41E-02	1.78E-04	1.4E-02	9.4E-05	1.0E-05	4.6E-05	3.7E-06	1.7E-04	2.7E-05	3.0E-05	4.9E-06	1.7E-07	2.8E-07	5.4E-07	9.1E-07	8.2E-07	1.4E-06
39	1.37E-02	1.72E-04	1.3E-02	1.0E-04	1.1E-05	4.5E-05	3.6E-06	1.7E-04	2.7E-05	2.9E-05	4.2E-06	1.7E-07	2.9E-07	5.5E-07	9.4E-07	8.4E-07	1.4E-06
40	1.32E-02	1.67E-04	1.3E-02	1.1E-04	1.1E-05	4.5E-05	3.6E-06	1.6E-04	2.6E-05	2.7E-05	3.8E-06	1.8E-07	3.0E-07	5.7E-07	9.6E-07	8.6E-07	1.5E-06
41	1.27E-02	1.62E-04	1.2E-02	1.2E-04	1.2E-05	4.5E-05	3.7E-06	1.5E-04	2.4E-05	2.5E-05	3.6E-06	1.8E-07	3.1E-07	5.8E-07	9.9E-07	8.9E-07	1.5E-06

Berkley WTPF

PM2.5 Mitigated Concentration

Receptor #	Conc.	*Dredging*	*Peir*	*University*		*Seawall*		*Plaza*		*Boatlaunch*		*Haul1*		*Haul2*		*Haul3*	
		Exhaust	*Exhaust*	*Exhaust*	*Fugitive*	*Exhaust*	*Fugitive*	*Exhaust*	*Fugitive*	*Exhaust*	*Fugitive*	*Exhaust*	*Fugitive*	*Exhaust*	*Fugitive*	*Exhaust*	*Fugitive*
1	0.02																
Max (park)	0.10																
Total	0.12																
	Emissions:	5.48E-04	0.02	5.72718E-05	7.15897E-06	6.37E-05	0.00	5.72718E-05	9.55E-06	5.73E-05	9.55E-06	6.65E-07	1.12E-06	2.87E-06	4.85E-06	2.86E-06	4.82E-06
42	1.23E-02	1.56E-04	1.2E-02	1.3E-04	1.3E-05	4.5E-05	3.8E-06	1.5E-04	2.3E-05	2.5E-05	3.4E-06	1.9E-07	3.2E-07	6.0E-07	1.0E-06	9.1E-07	1.5E-06
43	1.18E-02	1.52E-04	1.1E-02	1.3E-04	1.4E-05	4.5E-05	3.8E-06	1.4E-04	2.2E-05	2.4E-05	3.5E-06	2.0E-07	3.3E-07	6.2E-07	1.0E-06	9.4E-07	1.6E-06
44	1.14E-02	1.47E-04	1.1E-02	1.4E-04	1.4E-05	4.5E-05	3.9E-06	1.4E-04	2.2E-05	2.5E-05	3.6E-06	2.0E-07	3.5E-07	6.3E-07	1.1E-06	9.6E-07	1.6E-06
45	1.10E-02	1.43E-04	1.0E-02	1.5E-04	1.5E-05	4.5E-05	3.8E-06	1.4E-04	2.3E-05	2.6E-05	3.9E-06	2.1E-07	3.6E-07	6.5E-07	1.1E-06	9.9E-07	1.7E-06
46	1.06E-02	1.39E-04	1.0E-02	1.6E-04	1.6E-05	4.4E-05	3.8E-06	1.3E-04	2.2E-05	2.6E-05	4.0E-06	2.2E-07	3.7E-07	6.7E-07	1.1E-06	1.0E-06	1.7E-06
47	1.02E-02	1.34E-04	9.6E-03	1.8E-04	1.7E-05	4.4E-05	3.8E-06	1.3E-04	2.2E-05	2.7E-05	4.0E-06	2.3E-07	3.9E-07	6.9E-07	1.2E-06	1.0E-06	1.8E-06
48	9.78E-03	1.31E-04	9.2E-03	1.9E-04	1.8E-05	4.3E-05	3.7E-06	1.2E-04	2.0E-05	2.7E-05	4.1E-06	2.4E-07	4.1E-07	7.2E-07	1.2E-06	1.1E-06	1.8E-06
49	9.43E-03	1.27E-04	8.9E-03	2.0E-04	1.9E-05	4.2E-05	3.6E-06	1.1E-04	1.9E-05	2.7E-05	4.1E-06	2.5E-07	4.2E-07	7.4E-07	1.2E-06	1.1E-06	1.8E-06
50	9.10E-03	1.23E-04	8.5E-03	2.2E-04	2.0E-05	4.1E-05	3.6E-06	1.1E-04	1.7E-05	2.6E-05	4.0E-06	2.6E-07	4.4E-07	7.6E-07	1.3E-06	1.1E-06	1.9E-06
51	8.80E-03	1.19E-04	8.2E-03	2.4E-04	2.2E-05	4.0E-05	3.5E-06	9.8E-05	1.6E-05	2.6E-05	3.7E-06	2.7E-07	4.6E-07	7.9E-07	1.3E-06	1.2E-06	2.0E-06
52	8.52E-03	1.16E-04	7.9E-03	2.6E-04	2.4E-05	4.0E-05	3.5E-06	9.1E-05	1.5E-05	2.5E-05	3.7E-06	2.9E-07	4.9E-07	8.2E-07	1.4E-06	1.2E-06	2.0E-06
53	8.27E-03	1.13E-04	7.7E-03	2.8E-04	2.6E-05	3.9E-05	3.4E-06	8.5E-05	1.4E-05	2.5E-05	3.8E-06	3.0E-07	5.1E-07	8.5E-07	1.4E-06	1.2E-06	2.1E-06
54	8.06E-03	1.09E-04	7.4E-03	3.1E-04	3.0E-05	3.8E-05	3.3E-06	8.0E-05	1.3E-05	2.5E-05	3.9E-06	3.2E-07	5.4E-07	8.8E-07	1.5E-06	1.3E-06	2.1E-06
55	7.87E-03	1.06E-04	7.2E-03	3.6E-04	3.4E-05	3.7E-05	3.2E-06	7.6E-05	1.2E-05	2.5E-05	4.0E-06	3.4E-07	5.7E-07	9.1E-07	1.5E-06	1.3E-06	2.2E-06
56	1.34E-02	1.74E-04	1.3E-02	7.3E-05	8.3E-06	4.4E-05	3.8E-06	1.5E-04	2.3E-05	2.7E-05	4.5E-06	1.6E-07	2.7E-07	5.1E-07	8.6E-07	7.7E-07	1.3E-06
57	1.32E-02	1.70E-04	1.3E-02	7.9E-05	8.7E-06	4.3E-05	3.6E-06	1.5E-04	2.3E-05	2.8E-05	4.9E-06	1.6E-07	2.7E-07	5.2E-07	8.8E-07	8.0E-07	1.3E-06
58	1.28E-02	1.65E-04	1.2E-02	8.4E-05	9.2E-06	4.2E-05	3.4E-06	1.5E-04	2.3E-05	2.8E-05	4.5E-06	1.7E-07	2.8E-07	5.4E-07	9.0E-07	8.2E-07	1.4E-06
59	1.25E-02	1.60E-04	1.2E-02	9.0E-05	9.8E-06	4.1E-05	3.3E-06	1.4E-04	2.3E-05	2.7E-05	3.9E-06	1.7E-07	2.9E-07	5.5E-07	9.3E-07	8.4E-07	1.4E-06
60	1.21E-02	1.55E-04	1.2E-02	9.6E-05	1.0E-05	4.1E-05	3.3E-06	1.4E-04	2.2E-05	2.5E-05	3.5E-06	1.8E-07	3.0E-07	5.6E-07	9.5E-07	8.7E-07	1.5E-06
61	1.18E-02	1.51E-04	1.1E-02	1.0E-04	1.1E-05	4.1E-05	3.4E-06	1.3E-04	2.1E-05	2.4E-05	3.3E-06	1.8E-07	3.1E-07	5.8E-07	9.8E-07	8.9E-07	1.5E-06
62	1.14E-02	1.46E-04	1.1E-02	1.1E-04	1.2E-05	4.1E-05	3.5E-06	1.3E-04	1.9E-05	2.3E-05	3.2E-06	1.9E-07	3.2E-07	5.9E-07	1.0E-06	9.1E-07	1.5E-06
63	1.10E-02	1.42E-04	1.1E-02	1.2E-04	1.2E-05	4.2E-05	3.5E-06	1.2E-04	1.8E-05	2.3E-05	3.2E-06	2.0E-07	3.3E-07	6.1E-07	1.0E-06	9.4E-07	1.6E-06
64	1.06E-02	1.38E-04	1.0E-02	1.2E-04	1.3E-05	4.2E-05	3.5E-06	1.2E-04	1.8E-05	2.3E-05	3.4E-06	2.0E-07	3.5E-07	6.3E-07	1.1E-06	9.7E-07	1.6E-06
65	1.03E-02	1.34E-04	9.8E-03	1.3E-04	1.3E-05	4.1E-05	3.5E-06	1.2E-04	1.9E-05	2.4E-05	3.6E-06	2.1E-07	3.6E-07	6.5E-07	1.1E-06	9.9E-07	1.7E-06
66	9.91E-03	1.30E-04	9.4E-03	1.4E-04	1.4E-05	4.1E-05	3.5E-06	1.1E-04	1.9E-05	2.5E-05	3.7E-06	2.2E-07	3.7E-07	6.7E-07	1.1E-06	1.0E-06	1.7E-06
67	9.55E-03	1.27E-04	9.1E-03	1.5E-04	1.5E-05	4.0E-05	3.5E-06	1.1E-04	1.9E-05	2.5E-05	3.8E-06	2.3E-07	3.9E-07	6.9E-07	1.2E-06	1.0E-06	1.8E-06
68	9.21E-03	1.23E-04	8.7E-03	1.6E-04	1.6E-05	4.0E-05	3.4E-06	1.1E-04	1.8E-05	2.5E-05	3.9E-06	2.4E-07	4.0E-07	7.1E-07	1.2E-06	1.1E-06	1.8E-06
69	8.88E-03	1.20E-04	8.4E-03	1.7E-04	1.7E-05	3.9E-05	3.4E-06	1.0E-04	1.7E-05	2.5E-05	3.9E-06	2.5E-07	4.2E-07	7.3E-07	1.2E-06	1.1E-06	1.9E-06
70	8.57E-03	1.17E-04	8.1E-03	1.8E-04	1.8E-05	3.8E-05	3.3E-06	9.7E-05	1.6E-05	2.5E-05	3.8E-06	2.6E-07	4.4E-07	7.6E-07	1.3E-06	1.1E-06	1.9E-06
71	8.28E-03	1.14E-04	7.8E-03	2.0E-04	1.9E-05	3.8E-05	3.3E-06	9.1E-05	1.5E-05	2.4E-05	3.5E-06	2.7E-07	4.6E-07	7.8E-07	1.3E-06	1.2E-06	2.0E-06
72	8.02E-03	1.11E-04	7.5E-03	2.1E-04	2.1E-05	3.7E-05	3.2E-06	8.5E-05	1.4E-05	2.4E-05	3.5E-06	2.8E-07	4.8E-07	8.1E-07	1.4E-06	1.2E-06	2.0E-06
73	7.78E-03	1.08E-04	7.3E-03	2.3E-04	2.3E-05	3.6E-05	3.2E-06	7.9E-05	1.3E-05	2.4E-05	3.5E-06	3.0E-07	5.0E-07	8.4E-07	1.4E-06	1.2E-06	2.1E-06
74	7.57E-03	1.05E-04	7.0E-03	2.6E-04	2.5E-05	3.5E-05	3.1E-06	7.4E-05	1.2E-05	2.4E-05	3.6E-06	3.1E-07	5.3E-07	8.7E-07	1.5E-06	1.3E-06	2.1E-06
75	7.38E-03	1.02E-04	6.8E-03	2.9E-04	2.9E-05	3.4E-05	3.0E-06	7.0E-05	1.1E-05	2.4E-05	3.7E-06	3.3E-07	5.6E-07	9.0E-07	1.5E-06	1.3E-06	2.2E-06
76	1.23E-02	1.61E-04	1.2E-02	6.7E-05	7.6E-06	4.0E-05	3.5E-06	1.3E-04	1.9E-05	2.6E-05	4.4E-06	1.6E-07	2.7E-07	5.1E-07	8.5E-07	7.7E-07	1.3E-06
77	1.20E-02	1.58E-04	1.2E-02	7.2E-05	8.0E-06	3.9E-05	3.3E-06	1.3E-04	1.9E-05	2.7E-05	4.6E-06	1.6E-07	2.8E-07	5.2E-07	8.8E-07	8.0E-07	1.3E-06
78	1.18E-02	1.53E-04	1.1E-02	7.6E-05	8.5E-06	3.8E-05	3.1E-06	1.3E-04	1.9E-05	2.6E-05	4.1E-06	1.7E-07	2.9E-07	5.3E-07	9.0E-07	8.2E-07	1.4E-06
79	1.15E-02	1.49E-04	1.1E-02	8.1E-05	8.9E-06	3.8E-05	3.0E-06	1.2E-04	1.9E-05	2.5E-05	3.6E-06	1.7E-07	2.9E-07	5.4E-07	9.2E-07	8.4E-07	1.4E-06
80	1.12E-02	1.45E-04	1.1E-02	8.7E-05	9.4E-06	3.7E-05	3.0E-06	1.2E-04	1.9E-05	2.3E-05	3.3E-06	1.8E-07	3.0E-07	5.6E-07	9.4E-07	8.7E-07	1.5E-06
81	1.09E-02	1.41E-04	1.0E-02	9.2E-05	9.9E-06	3.8E-05	3.1E-06	1.2E-04	1.8E-05	2.2E-05	3.1E-06	1.9E-07	3.1E-07	5.7E-07	9.7E-07	8.9E-07	1.5E-06
82	1.06E-02	1.37E-04	1.0E-02	9.8E-05	1.0E-05	3.8E-05	3.2E-06	1.1E-04	1.7E-05	2.1E-05	3.0E-06	1.9E-07	3.2E-07	5.9E-07	1.0E-06	9.2E-07	1.6E-06

Berkley WTPF

PM2.5 Mitigated Concentration

Receptor #	Conc.	*Dredging*	*Peir*	*University*		*Seawall*		*Plaza*		*Boatlaunch*		*Haul1*		*Haul2*		*Haul3*	
		Exhaust	*Exhaust*	*Exhaust*	*Fugitive*	*Exhaust*	*Fugitive*	*Exhaust*	*Fugitive*	*Exhaust*	*Fugitive*	*Exhaust*	*Fugitive*	*Exhaust*	*Fugitive*	*Exhaust*	*Fugitive*
1	0.02																
Max (park)	0.10																
Total	0.12																
	Emissions:	5.48E-04	0.02	5.72718E-05	7.15897E-06	6.37E-05	0.00	5.72718E-05	9.55E-06	5.73E-05	9.55E-06	6.65E-07	1.12E-06	2.87E-06	4.85E-06	2.86E-06	4.82E-06
83	1.03E-02	1.33E-04	9.9E-03	1.0E-04	1.1E-05	3.8E-05	3.3E-06	1.0E-04	1.6E-05	2.1E-05	3.0E-06	2.0E-07	3.4E-07	6.1E-07	1.0E-06	9.5E-07	1.6E-06
84	9.98E-03	1.30E-04	9.5E-03	1.1E-04	1.1E-05	3.8E-05	3.3E-06	1.0E-04	1.5E-05	2.2E-05	3.2E-06	2.1E-07	3.5E-07	6.2E-07	1.1E-06	9.7E-07	1.6E-06
85	9.66E-03	1.26E-04	9.2E-03	1.2E-04	1.2E-05	3.8E-05	3.3E-06	9.9E-05	1.5E-05	2.2E-05	3.4E-06	2.1E-07	3.6E-07	6.4E-07	1.1E-06	1.0E-06	1.7E-06
86	9.34E-03	1.23E-04	8.9E-03	1.2E-04	1.3E-05	3.8E-05	3.2E-06	9.9E-05	1.6E-05	2.3E-05	3.5E-06	2.2E-07	3.7E-07	6.6E-07	1.1E-06	1.0E-06	1.7E-06
87	9.02E-03	1.20E-04	8.6E-03	1.3E-04	1.3E-05	3.7E-05	3.2E-06	9.8E-05	1.6E-05	2.4E-05	3.5E-06	2.3E-07	3.9E-07	6.8E-07	1.1E-06	1.1E-06	1.8E-06
88	8.71E-03	1.17E-04	8.3E-03	1.4E-04	1.4E-05	3.7E-05	3.2E-06	9.6E-05	1.6E-05	2.4E-05	3.6E-06	2.4E-07	4.0E-07	7.0E-07	1.2E-06	1.1E-06	1.8E-06
89	8.41E-03	1.14E-04	8.0E-03	1.5E-04	1.5E-05	3.6E-05	3.1E-06	9.3E-05	1.6E-05	2.4E-05	3.7E-06	2.5E-07	4.2E-07	7.2E-07	1.2E-06	1.1E-06	1.9E-06
90	8.12E-03	1.11E-04	7.7E-03	1.6E-04	1.6E-05	3.6E-05	3.1E-06	8.9E-05	1.5E-05	2.4E-05	3.6E-06	2.6E-07	4.4E-07	7.5E-07	1.3E-06	1.2E-06	1.9E-06
91	7.84E-03	1.08E-04	7.4E-03	1.7E-04	1.7E-05	3.5E-05	3.0E-06	8.4E-05	1.4E-05	2.3E-05	3.4E-06	2.7E-07	4.6E-07	7.7E-07	1.3E-06	1.2E-06	2.0E-06
92	7.59E-03	1.06E-04	7.1E-03	1.8E-04	1.9E-05	3.4E-05	3.0E-06	7.9E-05	1.3E-05	2.3E-05	3.2E-06	2.8E-07	4.8E-07	8.0E-07	1.3E-06	1.2E-06	2.1E-06
93	7.36E-03	1.03E-04	6.9E-03	2.0E-04	2.0E-05	3.4E-05	3.0E-06	7.4E-05	1.2E-05	2.2E-05	3.3E-06	3.0E-07	5.0E-07	8.3E-07	1.4E-06	1.3E-06	2.1E-06
94	7.15E-03	1.00E-04	6.7E-03	2.2E-04	2.3E-05	3.3E-05	2.9E-06	6.9E-05	1.1E-05	2.2E-05	3.4E-06	3.1E-07	5.2E-07	8.6E-07	1.4E-06	1.3E-06	2.2E-06
95	6.97E-03	9.78E-05	6.5E-03	2.4E-04	2.6E-05	3.2E-05	2.8E-06	6.5E-05	1.0E-05	2.2E-05	3.5E-06	3.3E-07	5.5E-07	8.9E-07	1.5E-06	1.3E-06	2.2E-06
96	6.81E-03	9.54E-05	6.3E-03	2.8E-04	3.0E-05	3.1E-05	2.7E-06	6.1E-05	9.8E-06	2.3E-05	3.6E-06	3.4E-07	5.8E-07	9.2E-07	1.6E-06	1.4E-06	2.3E-06
97	6.68E-03	9.31E-05	6.1E-03	3.2E-04	3.7E-05	3.1E-05	2.6E-06	5.8E-05	9.2E-06	2.2E-05	3.6E-06	3.6E-07	6.1E-07	9.6E-07	1.6E-06	1.4E-06	2.4E-06
98	1.12E-02	1.50E-04	1.1E-02	6.2E-05	7.1E-06	3.7E-05	3.2E-06	1.1E-04	1.6E-05	2.5E-05	4.3E-06	1.6E-07	2.7E-07	5.0E-07	8.5E-07	7.7E-07	1.3E-06
99	1.11E-02	1.47E-04	1.1E-02	6.6E-05	7.4E-06	3.6E-05	3.0E-06	1.1E-04	1.7E-05	2.5E-05	4.3E-06	1.7E-07	2.8E-07	5.1E-07	8.7E-07	8.0E-07	1.3E-06
100	1.08E-02	1.43E-04	1.0E-02	7.0E-05	7.8E-06	3.5E-05	2.8E-06	1.1E-04	1.7E-05	2.5E-05	3.8E-06	1.7E-07	2.9E-07	5.3E-07	8.9E-07	8.2E-07	1.4E-06
101	1.06E-02	1.40E-04	1.0E-02	7.4E-05	8.2E-06	3.5E-05	2.8E-06	1.1E-04	1.6E-05	2.3E-05	3.4E-06	1.8E-07	3.0E-07	5.4E-07	9.1E-07	8.4E-07	1.4E-06
102	1.04E-02	1.36E-04	1.0E-02	7.8E-05	8.6E-06	3.4E-05	2.8E-06	1.0E-04	1.6E-05	2.2E-05	3.1E-06	1.8E-07	3.1E-07	5.5E-07	9.3E-07	8.7E-07	1.5E-06
103	1.01E-02	1.33E-04	9.7E-03	8.3E-05	9.0E-06	3.5E-05	2.9E-06	1.0E-04	1.6E-05	2.1E-05	2.9E-06	1.9E-07	3.2E-07	5.7E-07	9.6E-07	9.0E-07	1.5E-06
104	9.89E-03	1.29E-04	9.5E-03	8.8E-05	9.5E-06	3.5E-05	2.9E-06	9.7E-05	1.5E-05	2.0E-05	2.8E-06	1.9E-07	3.3E-07	5.8E-07	9.9E-07	9.2E-07	1.6E-06
105	9.63E-03	1.26E-04	9.2E-03	9.3E-05	1.0E-05	3.6E-05	3.0E-06	9.2E-05	1.4E-05	2.0E-05	2.8E-06	2.0E-07	3.4E-07	6.0E-07	1.0E-06	9.5E-07	1.6E-06
106	9.37E-03	1.23E-04	9.0E-03	9.8E-05	1.0E-05	3.6E-05	3.0E-06	8.8E-05	1.3E-05	2.1E-05	3.0E-06	2.1E-07	3.5E-07	6.2E-07	1.0E-06	9.8E-07	1.7E-06
107	9.10E-03	1.20E-04	8.7E-03	1.0E-04	1.1E-05	3.6E-05	3.0E-06	8.6E-05	1.3E-05	2.1E-05	3.2E-06	2.1E-07	3.6E-07	6.3E-07	1.1E-06	1.0E-06	1.7E-06
108	8.83E-03	1.17E-04	8.4E-03	1.1E-04	1.1E-05	3.5E-05	3.0E-06	8.5E-05	1.3E-05	2.2E-05	3.3E-06	2.2E-07	3.8E-07	6.5E-07	1.1E-06	1.0E-06	1.7E-06
109	8.55E-03	1.14E-04	8.1E-03	1.2E-04	1.2E-05	3.5E-05	3.0E-06	8.5E-05	1.3E-05	2.2E-05	3.3E-06	2.3E-07	3.9E-07	6.7E-07	1.1E-06	1.1E-06	1.8E-06
110	8.27E-03	1.11E-04	7.9E-03	1.2E-04	1.3E-05	3.4E-05	2.9E-06	8.4E-05	1.4E-05	2.3E-05	3.4E-06	2.4E-07	4.0E-07	6.9E-07	1.2E-06	1.1E-06	1.9E-06
111	8.00E-03	1.08E-04	7.6E-03	1.3E-04	1.4E-05	3.4E-05	2.9E-06	8.3E-05	1.4E-05	2.3E-05	3.4E-06	2.5E-07	4.2E-07	7.2E-07	1.2E-06	1.1E-06	1.9E-06
112	7.73E-03	1.06E-04	7.3E-03	1.4E-04	1.5E-05	3.3E-05	2.9E-06	8.0E-05	1.4E-05	2.2E-05	3.4E-06	2.6E-07	4.4E-07	7.4E-07	1.2E-06	1.2E-06	2.0E-06
113	7.47E-03	1.03E-04	7.0E-03	1.5E-04	1.6E-05	3.3E-05	2.8E-06	7.7E-05	1.3E-05	2.2E-05	3.2E-06	2.7E-07	4.6E-07	7.6E-07	1.3E-06	1.2E-06	2.0E-06
114	7.23E-03	1.01E-04	6.8E-03	1.6E-04	1.7E-05	3.2E-05	2.8E-06	7.4E-05	1.2E-05	2.1E-05	3.1E-06	2.8E-07	4.8E-07	7.9E-07	1.3E-06	1.2E-06	2.1E-06
115	7.00E-03	9.84E-05	6.6E-03	1.7E-04	1.8E-05	3.1E-05	2.8E-06	7.0E-05	1.2E-05	2.1E-05	3.0E-06	3.0E-07	5.0E-07	8.2E-07	1.4E-06	1.3E-06	2.1E-06
116	6.80E-03	9.61E-05	6.4E-03	1.9E-04	2.0E-05	3.1E-05	2.7E-06	6.5E-05	1.1E-05	2.1E-05	3.1E-06	3.1E-07	5.2E-07	8.5E-07	1.4E-06	1.3E-06	2.2E-06
117	6.61E-03	9.38E-05	6.2E-03	2.1E-04	2.3E-05	3.0E-05	2.6E-06	6.1E-05	1.0E-05	2.1E-05	3.2E-06	3.2E-07	5.5E-07	8.8E-07	1.5E-06	1.3E-06	2.3E-06
118	6.45E-03	9.16E-05	6.0E-03	2.3E-04	2.7E-05	2.9E-05	2.5E-06	5.8E-05	9.3E-06	2.1E-05	3.3E-06	3.4E-07	5.8E-07	9.1E-07	1.5E-06	1.4E-06	2.3E-06
119	6.32E-03	8.95E-05	5.8E-03	2.7E-04	3.2E-05	2.9E-05	2.5E-06	5.5E-05	8.7E-06	2.1E-05	3.4E-06	3.6E-07	6.1E-07	9.5E-07	1.6E-06	1.4E-06	2.4E-06
120	6.21E-03	8.73E-05	5.6E-03	3.2E-04	4.1E-05	2.8E-05	2.4E-06	5.2E-05	8.2E-06	2.1E-05	3.4E-06	3.8E-07	6.4E-07	9.9E-07	1.7E-06	1.5E-06	2.5E-06
121	1.05E-02	1.42E-04	1.0E-02	5.4E-05	6.2E-06	3.5E-05	3.1E-06	9.1E-05	1.3E-05	2.2E-05	3.6E-06	1.6E-07	2.7E-07	4.9E-07	8.2E-07	7.5E-07	1.3E-06
122	1.04E-02	1.39E-04	1.0E-02	5.8E-05	6.5E-06	3.4E-05	3.0E-06	9.3E-05	1.4E-05	2.4E-05	4.1E-06	1.6E-07	2.8E-07	5.0E-07	8.4E-07	7.7E-07	1.3E-06
123	1.02E-02	1.37E-04	9.8E-03	6.1E-05	6.8E-06	3.3E-05	2.8E-06	9.5E-05	1.5E-05	2.4E-05	4.0E-06	1.7E-07	2.9E-07	5.1E-07	8.6E-07	8.0E-07	1.3E-06

Berkley WTPF

PM2.5 Mitigated Concentration

Receptor #	Conc.	*Dredging Exhaust*	*Peir Exhaust*	*University Exhaust*	*Fugitive*	*Seawall Exhaust*	*Fugitive*	*Plaza Exhaust*	*Fugitive*	*Boatlaunch Exhaust*	*Fugitive*	*Haul1 Exhaust*	*Fugitive*	*Haul2 Exhaust*	*Fugitive*	*Haul3 Exhaust*	*Fugitive*
1	0.02																
Max (park)	0.10																
Total	0.12																
	Emissions:	5.48E-04	0.02	5.72718E-05	7.15897E-06	6.37E-05	0.00	5.72718E-05	9.55E-06	5.73E-05	9.55E-06	6.65E-07	1.12E-06	2.87E-06	4.85E-06	2.86E-06	4.82E-06
124	1.00E-02	1.34E-04	9.6E-03	6.4E-05	7.1E-06	3.2E-05	2.6E-06	9.4E-05	1.4E-05	2.3E-05	3.5E-06	1.7E-07	2.9E-07	5.2E-07	8.8E-07	8.2E-07	1.4E-06
125	9.81E-03	1.31E-04	9.4E-03	6.8E-05	7.5E-06	3.2E-05	2.6E-06	9.3E-05	1.4E-05	2.2E-05	3.1E-06	1.8E-07	3.0E-07	5.3E-07	9.0E-07	8.5E-07	1.4E-06
126	9.62E-03	1.28E-04	9.2E-03	7.2E-05	7.8E-06	3.2E-05	2.6E-06	9.1E-05	1.4E-05	2.0E-05	2.9E-06	1.8E-07	3.1E-07	5.5E-07	9.3E-07	8.7E-07	1.5E-06
127	9.43E-03	1.25E-04	9.1E-03	7.5E-05	8.2E-06	3.2E-05	2.6E-06	8.9E-05	1.4E-05	2.0E-05	2.7E-06	1.9E-07	3.2E-07	5.6E-07	9.5E-07	9.0E-07	1.5E-06
128	9.23E-03	1.22E-04	8.9E-03	8.0E-05	8.6E-06	3.3E-05	2.7E-06	8.6E-05	1.4E-05	1.9E-05	2.7E-06	2.0E-07	3.3E-07	5.8E-07	9.8E-07	9.2E-07	1.6E-06
129	9.02E-03	1.19E-04	8.7E-03	8.4E-05	9.0E-06	3.3E-05	2.8E-06	8.2E-05	1.3E-05	1.9E-05	2.7E-06	2.0E-07	3.4E-07	5.9E-07	1.0E-06	9.5E-07	1.6E-06
130	8.81E-03	1.17E-04	8.4E-03	8.8E-05	9.5E-06	3.3E-05	2.8E-06	7.8E-05	1.2E-05	1.9E-05	2.8E-06	2.1E-07	3.5E-07	6.1E-07	1.0E-06	9.8E-07	1.7E-06
131	8.59E-03	1.14E-04	8.2E-03	9.3E-05	9.9E-06	3.3E-05	2.8E-06	7.5E-05	1.1E-05	2.0E-05	3.0E-06	2.2E-07	3.7E-07	6.3E-07	1.1E-06	1.0E-06	1.7E-06
132	8.35E-03	1.11E-04	8.0E-03	9.8E-05	1.0E-05	3.3E-05	2.8E-06	7.4E-05	1.1E-05	2.0E-05	3.1E-06	2.2E-07	3.8E-07	6.5E-07	1.1E-06	1.0E-06	1.8E-06
133	8.12E-03	1.08E-04	7.7E-03	1.0E-04	1.1E-05	3.2E-05	2.8E-06	7.4E-05	1.1E-05	2.1E-05	3.2E-06	2.3E-07	3.9E-07	6.7E-07	1.1E-06	1.1E-06	1.8E-06
134	7.87E-03	1.06E-04	7.5E-03	1.1E-04	1.2E-05	3.2E-05	2.7E-06	7.3E-05	1.2E-05	2.1E-05	3.2E-06	2.4E-07	4.1E-07	6.9E-07	1.2E-06	1.1E-06	1.9E-06
135	7.63E-03	1.04E-04	7.2E-03	1.2E-04	1.2E-05	3.2E-05	2.7E-06	7.3E-05	1.2E-05	2.1E-05	3.2E-06	2.5E-07	4.2E-07	7.1E-07	1.2E-06	1.1E-06	1.9E-06
136	7.39E-03	1.01E-04	7.0E-03	1.2E-04	1.3E-05	3.1E-05	2.7E-06	7.2E-05	1.2E-05	2.1E-05	3.2E-06	2.6E-07	4.4E-07	7.3E-07	1.2E-06	1.2E-06	2.0E-06
137	7.15E-03	9.89E-05	6.8E-03	1.3E-04	1.4E-05	3.1E-05	2.6E-06	7.1E-05	1.2E-05	2.1E-05	3.1E-06	2.7E-07	4.6E-07	7.6E-07	1.3E-06	1.2E-06	2.0E-06
138	6.92E-03	9.66E-05	6.5E-03	1.4E-04	1.5E-05	3.0E-05	2.6E-06	6.8E-05	1.2E-05	2.0E-05	2.9E-06	2.8E-07	4.8E-07	7.8E-07	1.3E-06	1.2E-06	2.1E-06
139	6.70E-03	9.44E-05	6.3E-03	1.5E-04	1.7E-05	3.0E-05	2.6E-06	6.5E-05	1.1E-05	2.0E-05	2.9E-06	3.0E-07	5.0E-07	8.1E-07	1.4E-06	1.3E-06	2.2E-06
140	6.50E-03	9.23E-05	6.1E-03	1.6E-04	1.8E-05	2.9E-05	2.5E-06	6.2E-05	1.0E-05	2.0E-05	2.9E-06	3.1E-07	5.2E-07	8.4E-07	1.4E-06	1.3E-06	2.2E-06
141	6.31E-03	9.02E-05	5.9E-03	1.8E-04	2.1E-05	2.8E-05	2.5E-06	5.8E-05	9.6E-06	2.0E-05	3.0E-06	3.3E-07	5.5E-07	8.7E-07	1.5E-06	1.4E-06	2.3E-06
142	6.15E-03	8.81E-05	5.7E-03	2.0E-04	2.4E-05	2.8E-05	2.4E-06	5.5E-05	8.9E-06	2.0E-05	3.1E-06	3.4E-07	5.8E-07	9.0E-07	1.5E-06	1.4E-06	2.4E-06
143	6.01E-03	8.61E-05	5.5E-03	2.3E-04	2.8E-05	2.7E-05	2.3E-06	5.2E-05	8.4E-06	2.0E-05	3.2E-06	3.6E-07	6.1E-07	9.4E-07	1.6E-06	1.5E-06	2.5E-06
144	5.88E-03	8.41E-05	5.4E-03	2.7E-04	3.4E-05	2.6E-05	2.3E-06	4.9E-05	7.9E-06	2.0E-05	3.2E-06	3.8E-07	6.4E-07	9.8E-07	1.7E-06	1.5E-06	2.5E-06
145	9.68E-03	1.32E-04	9.3E-03	5.1E-05	5.7E-06	3.3E-05	2.9E-06	8.0E-05	1.2E-05	2.1E-05	3.5E-06	1.6E-07	2.7E-07	4.8E-07	8.1E-07	7.5E-07	1.3E-06
146	9.58E-03	1.31E-04	9.2E-03	5.3E-05	6.0E-06	3.2E-05	2.7E-06	8.2E-05	1.2E-05	2.3E-05	3.9E-06	1.7E-07	2.8E-07	4.9E-07	8.3E-07	7.7E-07	1.3E-06
147	9.45E-03	1.29E-04	9.1E-03	5.6E-05	6.2E-06	3.1E-05	2.5E-06	8.3E-05	1.3E-05	2.3E-05	3.7E-06	1.7E-07	2.9E-07	5.0E-07	8.5E-07	8.0E-07	1.3E-06
148	9.28E-03	1.26E-04	8.9E-03	5.9E-05	6.5E-06	3.0E-05	2.4E-06	8.3E-05	1.3E-05	2.2E-05	3.3E-06	1.8E-07	3.0E-07	5.2E-07	8.7E-07	8.2E-07	1.4E-06
149	9.12E-03	1.24E-04	8.8E-03	6.2E-05	6.8E-06	3.0E-05	2.4E-06	8.2E-05	1.2E-05	2.0E-05	2.9E-06	1.8E-07	3.1E-07	5.3E-07	8.9E-07	8.5E-07	1.4E-06
150	8.96E-03	1.21E-04	8.6E-03	6.5E-05	7.2E-06	3.0E-05	2.4E-06	8.1E-05	1.2E-05	1.9E-05	2.7E-06	1.9E-07	3.2E-07	5.4E-07	9.2E-07	8.7E-07	1.5E-06
151	8.80E-03	1.19E-04	8.5E-03	6.9E-05	7.5E-06	3.0E-05	2.5E-06	7.9E-05	1.3E-05	1.8E-05	2.6E-06	1.9E-07	3.3E-07	5.6E-07	9.4E-07	9.0E-07	1.5E-06
152	8.63E-03	1.16E-04	8.3E-03	7.2E-05	7.8E-06	3.0E-05	2.5E-06	7.7E-05	1.2E-05	1.8E-05	2.5E-06	2.0E-07	3.4E-07	5.7E-07	9.7E-07	9.3E-07	1.6E-06
153	8.46E-03	1.14E-04	8.1E-03	7.6E-05	8.2E-06	3.1E-05	2.6E-06	7.4E-05	1.2E-05	1.8E-05	2.5E-06	2.1E-07	3.5E-07	5.9E-07	9.9E-07	9.6E-07	1.6E-06
154	8.29E-03	1.11E-04	7.9E-03	8.0E-05	8.6E-06	3.1E-05	2.6E-06	7.0E-05	1.1E-05	1.8E-05	2.6E-06	2.1E-07	3.6E-07	6.0E-07	1.0E-06	9.9E-07	1.7E-06
155	8.11E-03	1.08E-04	7.8E-03	8.4E-05	9.0E-06	3.1E-05	2.6E-06	6.7E-05	1.0E-05	1.9E-05	2.8E-06	2.2E-07	3.7E-07	6.2E-07	1.0E-06	1.0E-06	1.7E-06
156	7.91E-03	1.06E-04	7.6E-03	8.8E-05	9.5E-06	3.1E-05	2.6E-06	6.5E-05	9.9E-06	1.9E-05	2.9E-06	2.3E-07	3.8E-07	6.4E-07	1.1E-06	1.0E-06	1.8E-06
157	7.71E-03	1.04E-04	7.4E-03	9.3E-05	9.9E-06	3.0E-05	2.6E-06	6.5E-05	9.9E-06	2.0E-05	3.0E-06	2.4E-07	4.0E-07	6.6E-07	1.1E-06	1.1E-06	1.8E-06
158	7.50E-03	1.01E-04	7.2E-03	9.8E-05	1.0E-05	3.0E-05	2.5E-06	6.4E-05	1.0E-05	2.0E-05	3.0E-06	2.4E-07	4.1E-07	6.8E-07	1.1E-06	1.1E-06	1.9E-06
159	7.29E-03	9.91E-05	6.9E-03	1.0E-04	1.1E-05	3.0E-05	2.5E-06	6.4E-05	1.0E-05	2.0E-05	3.1E-06	2.5E-07	4.3E-07	7.0E-07	1.2E-06	1.1E-06	1.9E-06
160	7.07E-03	9.69E-05	6.7E-03	1.1E-04	1.2E-05	2.9E-05	2.5E-06	6.4E-05	1.0E-05	2.0E-05	3.1E-06	2.6E-07	4.5E-07	7.2E-07	1.2E-06	1.2E-06	2.0E-06
161	6.86E-03	9.48E-05	6.5E-03	1.2E-04	1.3E-05	2.9E-05	2.5E-06	6.4E-05	1.1E-05	2.0E-05	3.0E-06	2.8E-07	4.6E-07	7.5E-07	1.3E-06	1.2E-06	2.1E-06
162	6.64E-03	9.27E-05	6.3E-03	1.2E-04	1.4E-05	2.8E-05	2.5E-06	6.2E-05	1.1E-05	1.9E-05	2.8E-06	2.9E-07	4.8E-07	7.7E-07	1.3E-06	1.3E-06	2.1E-06
163	6.44E-03	9.07E-05	6.1E-03	1.3E-04	1.5E-05	2.8E-05	2.4E-06	6.1E-05	1.0E-05	1.9E-05	2.7E-06	3.0E-07	5.1E-07	8.0E-07	1.4E-06	1.3E-06	2.2E-06
164	6.24E-03	8.87E-05	5.9E-03	1.4E-04	1.7E-05	2.7E-05	2.4E-06	5.8E-05	9.7E-06	1.9E-05	2.7E-06	3.1E-07	5.3E-07	8.3E-07	1.4E-06	1.3E-06	2.3E-06

Berkley WTPF

PM2.5 Mitigated Concentration

Receptor #	Conc.	*Dredging*	*Peir*	*University*		*Seawall*		*Plaza*		*Boatlaunch*		*Haul1*		*Haul2*		*Haul3*	
		Exhaust	*Exhaust*	*Exhaust*	*Fugitive*	*Exhaust*	*Fugitive*	*Exhaust*	*Fugitive*	*Exhaust*	*Fugitive*	*Exhaust*	*Fugitive*	*Exhaust*	*Fugitive*	*Exhaust*	*Fugitive*
1	0.02																
Max (park)	0.10																
Total	0.12																
	Emissions:	5.48E-04	0.02	5.72718E-05	7.15897E-06	6.37E-05	0.00	5.72718E-05	9.55E-06	5.73E-05	9.55E-06	6.65E-07	1.12E-06	2.87E-06	4.85E-06	2.86E-06	4.82E-06
165	6.06E-03	8.68E-05	5.7E-03	1.6E-04	1.8E-05	2.7E-05	2.3E-06	5.5E-05	9.2E-06	1.9E-05	2.8E-06	3.3E-07	5.5E-07	8.6E-07	1.5E-06	1.4E-06	2.3E-06
166	5.89E-03	8.49E-05	5.5E-03	1.7E-04	2.1E-05	2.6E-05	2.3E-06	5.2E-05	8.6E-06	1.9E-05	2.9E-06	3.4E-07	5.8E-07	8.9E-07	1.5E-06	1.4E-06	2.4E-06
167	5.74E-03	8.30E-05	5.3E-03	1.9E-04	2.4E-05	2.6E-05	2.2E-06	5.0E-05	8.1E-06	1.9E-05	3.0E-06	3.6E-07	6.1E-07	9.3E-07	1.6E-06	1.5E-06	2.5E-06
168	8.97E-03	1.24E-04	8.7E-03	4.7E-05	5.3E-06	3.1E-05	2.7E-06	7.0E-05	1.0E-05	2.0E-05	3.5E-06	1.6E-07	2.8E-07	4.7E-07	8.0E-07	7.5E-07	1.3E-06
169	8.89E-03	1.23E-04	8.6E-03	5.0E-05	5.5E-06	3.0E-05	2.5E-06	7.2E-05	1.1E-05	2.2E-05	3.7E-06	1.7E-07	2.8E-07	4.9E-07	8.2E-07	7.7E-07	1.3E-06
170	8.78E-03	1.21E-04	8.5E-03	5.2E-05	5.7E-06	2.9E-05	2.4E-06	7.4E-05	1.1E-05	2.1E-05	3.5E-06	1.7E-07	2.9E-07	5.0E-07	8.4E-07	7.9E-07	1.3E-06
171	8.64E-03	1.19E-04	8.3E-03	5.5E-05	6.0E-06	2.8E-05	2.2E-06	7.4E-05	1.1E-05	2.0E-05	3.0E-06	1.8E-07	3.0E-07	5.1E-07	8.6E-07	8.2E-07	1.4E-06
172	8.50E-03	1.17E-04	8.2E-03	5.7E-05	6.3E-06	2.8E-05	2.2E-06	7.3E-05	1.1E-05	1.9E-05	2.7E-06	1.8E-07	3.1E-07	5.2E-07	8.8E-07	8.5E-07	1.4E-06
173	8.36E-03	1.15E-04	8.0E-03	6.0E-05	6.6E-06	2.8E-05	2.2E-06	7.2E-05	1.1E-05	1.8E-05	2.6E-06	1.9E-07	3.2E-07	5.4E-07	9.1E-07	8.7E-07	1.5E-06
174	8.22E-03	1.13E-04	7.9E-03	6.3E-05	6.8E-06	2.8E-05	2.3E-06	7.1E-05	1.1E-05	1.7E-05	2.4E-06	1.9E-07	3.3E-07	5.5E-07	9.3E-07	9.0E-07	1.5E-06
175	8.09E-03	1.10E-04	7.8E-03	6.6E-05	7.1E-06	2.8E-05	2.4E-06	7.0E-05	1.1E-05	1.7E-05	2.4E-06	2.0E-07	3.4E-07	5.7E-07	9.5E-07	9.3E-07	1.6E-06
176	7.95E-03	1.08E-04	7.6E-03	6.9E-05	7.5E-06	2.9E-05	2.4E-06	6.7E-05	1.1E-05	1.7E-05	2.4E-06	2.1E-07	3.5E-07	5.8E-07	9.8E-07	9.6E-07	1.6E-06
177	7.80E-03	1.06E-04	7.5E-03	7.3E-05	7.9E-06	2.9E-05	2.4E-06	6.4E-05	1.0E-05	1.7E-05	2.5E-06	2.1E-07	3.6E-07	6.0E-07	1.0E-06	9.9E-07	1.7E-06
178	7.65E-03	1.04E-04	7.3E-03	7.6E-05	8.2E-06	2.9E-05	2.5E-06	6.1E-05	9.3E-06	1.8E-05	2.6E-06	2.2E-07	3.7E-07	6.1E-07	1.0E-06	1.0E-06	1.7E-06
179	7.50E-03	1.01E-04	7.2E-03	8.0E-05	8.6E-06	2.9E-05	2.4E-06	5.9E-05	8.8E-06	1.8E-05	2.8E-06	2.3E-07	3.9E-07	6.3E-07	1.1E-06	1.1E-06	1.8E-06
180	7.33E-03	9.93E-05	7.0E-03	8.4E-05	9.1E-06	2.8E-05	2.4E-06	5.7E-05	8.6E-06	1.9E-05	2.8E-06	2.4E-07	4.0E-07	6.5E-07	1.1E-06	1.1E-06	1.8E-06
181	7.16E-03	9.72E-05	6.8E-03	8.8E-05	9.5E-06	2.8E-05	2.4E-06	5.7E-05	8.7E-06	1.9E-05	2.8E-06	2.5E-07	4.2E-07	6.7E-07	1.1E-06	1.1E-06	1.9E-06
182	6.97E-03	9.51E-05	6.7E-03	9.3E-05	1.0E-05	2.8E-05	2.4E-06	5.7E-05	8.9E-06	1.9E-05	2.9E-06	2.6E-07	4.3E-07	6.9E-07	1.2E-06	1.2E-06	2.0E-06
183	6.78E-03	9.31E-05	6.5E-03	9.8E-05	1.1E-05	2.7E-05	2.3E-06	5.7E-05	9.0E-06	1.9E-05	2.9E-06	2.7E-07	4.5E-07	7.2E-07	1.2E-06	1.2E-06	2.0E-06
184	6.59E-03	9.11E-05	6.3E-03	1.0E-04	1.2E-05	2.7E-05	2.3E-06	5.7E-05	9.2E-06	1.9E-05	2.9E-06	2.8E-07	4.7E-07	7.4E-07	1.2E-06	1.2E-06	2.1E-06
185	6.40E-03	8.92E-05	6.1E-03	1.1E-04	1.2E-05	2.7E-05	2.3E-06	5.6E-05	9.3E-06	1.8E-05	2.7E-06	2.9E-07	4.9E-07	7.7E-07	1.3E-06	1.3E-06	2.1E-06
186	6.21E-03	8.73E-05	5.9E-03	1.2E-04	1.4E-05	2.6E-05	2.3E-06	5.6E-05	9.4E-06	1.8E-05	2.6E-06	3.0E-07	5.1E-07	7.9E-07	1.3E-06	1.3E-06	2.2E-06
187	6.02E-03	8.55E-05	5.7E-03	1.3E-04	1.5E-05	2.6E-05	2.3E-06	5.4E-05	9.2E-06	1.8E-05	2.6E-06	3.2E-07	5.3E-07	8.2E-07	1.4E-06	1.4E-06	2.3E-06
188	5.84E-03	8.37E-05	5.5E-03	1.4E-04	1.7E-05	2.5E-05	2.2E-06	5.2E-05	8.8E-06	1.8E-05	2.6E-06	3.3E-07	5.6E-07	8.5E-07	1.4E-06	1.4E-06	2.4E-06
189	5.68E-03	8.19E-05	5.3E-03	1.5E-04	1.9E-05	2.5E-05	2.2E-06	5.0E-05	8.3E-06	1.8E-05	2.7E-06	3.5E-07	5.8E-07	8.8E-07	1.5E-06	1.4E-06	2.4E-06
190	5.50E-03	7.99E-05	5.1E-03	1.7E-04	2.1E-05	2.4E-05	2.1E-06	4.7E-05	7.8E-06	1.8E-05	2.8E-06	3.7E-07	6.2E-07	9.2E-07	1.6E-06	1.5E-06	2.5E-06
191	8.37E-03	1.17E-04	8.1E-03	4.4E-05	4.9E-06	2.9E-05	2.5E-06	6.3E-05	9.1E-06	2.0E-05	3.4E-06	1.6E-07	2.8E-07	4.7E-07	7.9E-07	7.5E-07	1.3E-06
192	8.29E-03	1.16E-04	8.0E-03	4.6E-05	5.1E-06	2.8E-05	2.3E-06	6.4E-05	9.5E-06	2.1E-05	3.5E-06	1.7E-07	2.8E-07	4.8E-07	8.1E-07	7.7E-07	1.3E-06
193	8.19E-03	1.14E-04	7.9E-03	4.8E-05	5.3E-06	2.7E-05	2.2E-06	6.6E-05	1.0E-05	2.0E-05	3.2E-06	1.7E-07	2.9E-07	4.9E-07	8.3E-07	7.9E-07	1.3E-06
194	8.07E-03	1.13E-04	7.8E-03	5.1E-05	5.5E-06	2.6E-05	2.1E-06	6.6E-05	1.0E-05	1.9E-05	2.8E-06	1.8E-07	3.0E-07	5.0E-07	8.5E-07	8.2E-07	1.4E-06
195	7.94E-03	1.11E-04	7.6E-03	5.3E-05	5.8E-06	2.6E-05	2.1E-06	6.5E-05	9.9E-06	1.8E-05	2.6E-06	1.8E-07	3.1E-07	5.2E-07	8.7E-07	8.4E-07	1.4E-06
196	7.82E-03	1.09E-04	7.5E-03	5.5E-05	6.0E-06	2.6E-05	2.1E-06	6.4E-05	9.7E-06	1.7E-05	2.4E-06	1.9E-07	3.2E-07	5.3E-07	8.9E-07	8.7E-07	1.5E-06
197	7.70E-03	1.07E-04	7.4E-03	5.8E-05	6.3E-06	2.6E-05	2.1E-06	6.3E-05	9.7E-06	1.6E-05	2.3E-06	1.9E-07	3.3E-07	5.4E-07	9.2E-07	9.0E-07	1.5E-06
198	7.59E-03	1.05E-04	7.3E-03	6.1E-05	6.6E-06	2.6E-05	2.2E-06	6.3E-05	9.9E-06	1.6E-05	2.2E-06	2.0E-07	3.4E-07	5.6E-07	9.4E-07	9.3E-07	1.6E-06
199	7.47E-03	1.03E-04	7.2E-03	6.4E-05	6.9E-06	2.7E-05	2.3E-06	6.1E-05	9.9E-06	1.6E-05	2.3E-06	2.1E-07	3.5E-07	5.7E-07	9.7E-07	9.6E-07	1.6E-06
200	7.35E-03	1.01E-04	7.1E-03	6.7E-05	7.2E-06	2.7E-05	2.3E-06	5.9E-05	9.4E-06	1.6E-05	2.4E-06	2.2E-07	3.6E-07	5.9E-07	1.0E-06	9.9E-07	1.7E-06
201	6.82E-03	9.33E-05	6.5E-03	8.0E-05	8.8E-06	2.6E-05	2.2E-06	5.1E-05	7.7E-06	1.8E-05	2.7E-06	2.5E-07	4.2E-07	6.6E-07	1.1E-06	1.1E-06	1.9E-06
202	6.67E-03	9.15E-05	6.4E-03	8.4E-05	9.3E-06	2.6E-05	2.2E-06	5.1E-05	7.8E-06	1.8E-05	2.7E-06	2.6E-07	4.4E-07	6.9E-07	1.2E-06	1.2E-06	2.0E-06
203	6.51E-03	8.96E-05	6.2E-03	8.9E-05	9.9E-06	2.6E-05	2.2E-06	5.1E-05	7.9E-06	1.8E-05	2.8E-06	2.7E-07	4.5E-07	7.1E-07	1.2E-06	1.2E-06	2.0E-06
204	6.34E-03	8.78E-05	6.0E-03	9.4E-05	1.1E-05	2.5E-05	2.2E-06	5.1E-05	8.0E-06	1.8E-05	2.7E-06	2.8E-07	4.7E-07	7.3E-07	1.2E-06	1.2E-06	2.1E-06
205	6.16E-03	8.60E-05	5.9E-03	1.0E-04	1.1E-05	2.5E-05	2.2E-06	5.1E-05	8.2E-06	1.8E-05	2.6E-06	2.9E-07	4.9E-07	7.6E-07	1.3E-06	1.3E-06	2.2E-06

Berkley WTPF

PM2.5 Mitigated Concentration

Receptor #	Conc.	*Dredging*	*Peir*	*University*		*Seawall*		*Plaza*		*Boatlaunch*		*Haul1*		*Haul2*		*Haul3*	
		Exhaust	*Exhaust*	*Exhaust*	*Fugitive*	*Exhaust*	*Fugitive*	*Exhaust*	*Fugitive*	*Exhaust*	*Fugitive*	*Exhaust*	*Fugitive*	*Exhaust*	*Fugitive*	*Exhaust*	*Fugitive*
1	0.02																
Max (park)	0.10																
Total	0.12																
	Emissions:	5.48E-04	0.02	5.72718E-05	7.15897E-06	6.37E-05	0.00	5.72718E-05	9.55E-06	5.73E-05	9.55E-06	6.65E-07	1.12E-06	2.87E-06	4.85E-06	2.86E-06	4.82E-06
206	5.99E-03	8.43E-05	5.7E-03	1.1E-04	1.2E-05	2.5E-05	2.2E-06	5.1E-05	8.3E-06	1.7E-05	2.5E-06	3.0E-07	5.1E-07	7.8E-07	1.3E-06	1.3E-06	2.2E-06
207	5.82E-03	8.26E-05	5.5E-03	1.1E-04	1.3E-05	2.4E-05	2.1E-06	5.0E-05	8.4E-06	1.7E-05	2.4E-06	3.2E-07	5.4E-07	8.1E-07	1.4E-06	1.4E-06	2.3E-06
208	5.65E-03	8.09E-05	5.3E-03	1.2E-04	1.5E-05	2.4E-05	2.1E-06	4.9E-05	8.3E-06	1.7E-05	2.5E-06	3.3E-07	5.6E-07	8.4E-07	1.4E-06	1.4E-06	2.4E-06
209	5.49E-03	7.92E-05	5.2E-03	1.3E-04	1.7E-05	2.3E-05	2.1E-06	4.7E-05	7.9E-06	1.7E-05	2.5E-06	3.5E-07	5.9E-07	8.7E-07	1.5E-06	1.5E-06	2.5E-06
210	5.31E-03	7.72E-05	5.0E-03	1.5E-04	1.8E-05	2.3E-05	2.0E-06	4.5E-05	7.5E-06	1.7E-05	2.6E-06	3.7E-07	6.2E-07	9.1E-07	1.5E-06	1.5E-06	2.6E-06
211	7.85E-03	1.11E-04	7.6E-03	4.1E-05	4.6E-06	2.7E-05	2.3E-06	5.6E-05	8.1E-06	1.9E-05	3.3E-06	1.6E-07	2.7E-07	4.6E-07	7.8E-07	7.4E-07	1.3E-06
212	7.76E-03	1.10E-04	7.5E-03	4.3E-05	4.7E-06	2.6E-05	2.2E-06	5.7E-05	8.5E-06	2.0E-05	3.3E-06	1.7E-07	2.8E-07	4.7E-07	8.0E-07	7.7E-07	1.3E-06
213	7.66E-03	1.08E-04	7.4E-03	4.5E-05	4.9E-06	2.5E-05	2.0E-06	5.9E-05	8.9E-06	1.9E-05	3.0E-06	1.7E-07	2.9E-07	4.8E-07	8.2E-07	7.9E-07	1.3E-06
214	7.55E-03	1.07E-04	7.3E-03	4.7E-05	5.1E-06	2.4E-05	2.0E-06	5.9E-05	9.1E-06	1.8E-05	2.7E-06	1.8E-07	3.0E-07	5.0E-07	8.4E-07	8.2E-07	1.4E-06
215	7.45E-03	1.05E-04	7.2E-03	4.9E-05	5.3E-06	2.4E-05	1.9E-06	5.9E-05	9.0E-06	1.7E-05	2.4E-06	1.8E-07	3.1E-07	5.1E-07	8.6E-07	8.4E-07	1.4E-06
216	7.34E-03	1.03E-04	7.1E-03	5.1E-05	5.6E-06	2.4E-05	2.0E-06	5.8E-05	8.7E-06	1.6E-05	2.3E-06	1.9E-07	3.2E-07	5.2E-07	8.8E-07	8.7E-07	1.5E-06
217	7.24E-03	1.02E-04	7.0E-03	5.4E-05	5.8E-06	2.4E-05	2.0E-06	5.7E-05	8.6E-06	1.6E-05	2.2E-06	1.9E-07	3.3E-07	5.4E-07	9.1E-07	9.0E-07	1.5E-06
218	7.14E-03	1.00E-04	6.9E-03	5.6E-05	6.0E-06	2.5E-05	2.1E-06	5.7E-05	8.8E-06	1.5E-05	2.1E-06	2.0E-07	3.4E-07	5.5E-07	9.3E-07	9.3E-07	1.6E-06
219	7.04E-03	9.85E-05	6.8E-03	5.9E-05	6.3E-06	2.5E-05	2.1E-06	5.6E-05	8.9E-06	1.5E-05	2.1E-06	2.1E-07	3.5E-07	5.7E-07	9.6E-07	9.6E-07	1.6E-06
220	6.24E-03	8.64E-05	6.0E-03	8.1E-05	9.1E-06	2.4E-05	2.1E-06	4.5E-05	7.0E-06	1.7E-05	2.6E-06	2.7E-07	4.5E-07	7.0E-07	1.2E-06	1.2E-06	2.0E-06
221	6.09E-03	8.47E-05	5.8E-03	8.5E-05	9.7E-06	2.4E-05	2.0E-06	4.5E-05	7.1E-06	1.7E-05	2.6E-06	2.8E-07	4.7E-07	7.2E-07	1.2E-06	1.3E-06	2.1E-06
222	5.94E-03	8.31E-05	5.7E-03	9.0E-05	1.0E-05	2.4E-05	2.0E-06	4.6E-05	7.2E-06	1.7E-05	2.5E-06	2.9E-07	4.9E-07	7.5E-07	1.3E-06	1.3E-06	2.2E-06
223	5.79E-03	8.15E-05	5.5E-03	9.6E-05	1.1E-05	2.3E-05	2.0E-06	4.6E-05	7.3E-06	1.6E-05	2.4E-06	3.0E-07	5.1E-07	7.7E-07	1.3E-06	1.3E-06	2.3E-06
224	5.63E-03	7.99E-05	5.3E-03	1.0E-04	1.2E-05	2.3E-05	2.0E-06	4.6E-05	7.5E-06	1.6E-05	2.3E-06	3.2E-07	5.4E-07	8.0E-07	1.4E-06	1.4E-06	2.3E-06
225	5.48E-03	7.83E-05	5.2E-03	1.1E-04	1.3E-05	2.3E-05	2.0E-06	4.5E-05	7.6E-06	1.6E-05	2.3E-06	3.3E-07	5.6E-07	8.3E-07	1.4E-06	1.4E-06	2.4E-06
226	5.32E-03	7.67E-05	5.0E-03	1.2E-04	1.5E-05	2.2E-05	2.0E-06	4.4E-05	7.5E-06	1.6E-05	2.4E-06	3.5E-07	5.9E-07	8.6E-07	1.5E-06	1.5E-06	2.5E-06
227	7.40E-03	1.07E-04	7.1E-03	3.7E-05	4.1E-06	2.6E-05	2.3E-06	5.1E-05	7.2E-06	1.7E-05	2.9E-06	1.6E-07	2.6E-07	4.5E-07	7.5E-07	7.2E-07	1.2E-06
228	7.34E-03	1.06E-04	7.1E-03	3.9E-05	4.3E-06	2.5E-05	2.2E-06	5.1E-05	7.3E-06	1.8E-05	3.2E-06	1.6E-07	2.7E-07	4.6E-07	7.7E-07	7.4E-07	1.3E-06
229	7.27E-03	1.04E-04	7.0E-03	4.1E-05	4.4E-06	2.4E-05	2.0E-06	5.2E-05	7.7E-06	1.9E-05	3.2E-06	1.7E-07	2.8E-07	4.7E-07	7.9E-07	7.6E-07	1.3E-06
230	7.18E-03	1.03E-04	6.9E-03	4.2E-05	4.6E-06	2.3E-05	1.9E-06	5.3E-05	8.0E-06	1.8E-05	2.8E-06	1.7E-07	2.9E-07	4.8E-07	8.1E-07	7.9E-07	1.3E-06
231	7.09E-03	1.01E-04	6.8E-03	4.4E-05	4.8E-06	2.3E-05	1.8E-06	5.4E-05	8.2E-06	1.7E-05	2.5E-06	1.8E-07	3.0E-07	4.9E-07	8.3E-07	8.1E-07	1.4E-06
232	7.00E-03	1.00E-04	6.7E-03	4.6E-05	5.0E-06	2.3E-05	1.8E-06	5.3E-05	8.2E-06	1.6E-05	2.3E-06	1.8E-07	3.1E-07	5.0E-07	8.5E-07	8.4E-07	1.4E-06
233	6.90E-03	9.86E-05	6.6E-03	4.8E-05	5.2E-06	2.3E-05	1.8E-06	5.2E-05	7.9E-06	1.5E-05	2.2E-06	1.9E-07	3.2E-07	5.2E-07	8.7E-07	8.7E-07	1.5E-06
234	6.81E-03	9.71E-05	6.6E-03	5.0E-05	5.4E-06	2.3E-05	1.9E-06	5.2E-05	7.7E-06	1.5E-05	2.1E-06	1.9E-07	3.3E-07	5.3E-07	8.9E-07	9.0E-07	1.5E-06
235	6.72E-03	9.57E-05	6.5E-03	5.2E-05	5.6E-06	2.3E-05	1.9E-06	5.1E-05	7.9E-06	1.4E-05	2.0E-06	2.0E-07	3.4E-07	5.4E-07	9.2E-07	9.3E-07	1.6E-06
236	6.64E-03	9.42E-05	6.4E-03	5.4E-05	5.9E-06	2.4E-05	2.0E-06	5.1E-05	8.1E-06	1.4E-05	2.0E-06	2.1E-07	3.5E-07	5.6E-07	9.4E-07	9.6E-07	1.6E-06
237	6.09E-03	8.50E-05	5.8E-03	7.1E-05	7.9E-06	2.3E-05	2.0E-06	4.1E-05	6.1E-06	1.6E-05	2.4E-06	2.6E-07	4.3E-07	6.7E-07	1.1E-06	1.2E-06	2.0E-06
238	5.98E-03	8.34E-05	5.7E-03	7.4E-05	8.4E-06	2.3E-05	1.9E-06	4.1E-05	6.2E-06	1.6E-05	2.5E-06	2.7E-07	4.5E-07	6.9E-07	1.2E-06	1.2E-06	2.1E-06
239	5.86E-03	8.19E-05	5.6E-03	7.8E-05	8.9E-06	2.3E-05	1.9E-06	4.1E-05	6.3E-06	1.6E-05	2.5E-06	2.8E-07	4.7E-07	7.1E-07	1.2E-06	1.3E-06	2.1E-06
240	5.73E-03	8.04E-05	5.5E-03	8.2E-05	9.6E-06	2.2E-05	1.9E-06	4.1E-05	6.4E-06	1.6E-05	2.4E-06	2.9E-07	4.9E-07	7.4E-07	1.2E-06	1.3E-06	2.2E-06
241	5.59E-03	7.89E-05	5.3E-03	8.7E-05	1.0E-05	2.2E-05	1.9E-06	4.1E-05	6.5E-06	1.6E-05	2.3E-06	3.0E-07	5.1E-07	7.6E-07	1.3E-06	1.4E-06	2.3E-06
242	5.45E-03	7.74E-05	5.2E-03	9.2E-05	1.1E-05	2.2E-05	1.9E-06	4.1E-05	6.6E-06	1.5E-05	2.2E-06	3.2E-07	5.3E-07	7.9E-07	1.3E-06	1.4E-06	2.4E-06
243	5.31E-03	7.59E-05	5.0E-03	9.8E-05	1.2E-05	2.2E-05	1.9E-06	4.1E-05	6.7E-06	1.5E-05	2.2E-06	3.3E-07	5.6E-07	8.2E-07	1.4E-06	1.5E-06	2.5E-06
244	5.15E-03	7.43E-05	4.9E-03	1.0E-04	1.3E-05	2.1E-05	1.9E-06	4.1E-05	6.9E-06	1.5E-05	2.2E-06	3.5E-07	5.9E-07	8.5E-07	1.4E-06	1.5E-06	2.5E-06
245	6.82E-03	9.92E-05	6.6E-03	3.8E-05	4.2E-06	2.3E-05	1.9E-06	4.7E-05	6.9E-06	1.8E-05	3.0E-06	1.6E-07	2.8E-07	4.6E-07	7.8E-07	7.6E-07	1.3E-06
246	6.75E-03	9.80E-05	6.5E-03	4.0E-05	4.3E-06	2.2E-05	1.8E-06	4.8E-05	7.2E-06	1.7E-05	2.6E-06	1.7E-07	2.8E-07	4.7E-07	8.0E-07	7.9E-07	1.3E-06

Berkley WTPF

PM2.5 Mitigated Concentration

Receptor #	Conc.	*Dredging*	*Peir*	*University*		*Seawall*		*Plaza*		*Boatlaunch*		*Haul1*		*Haul2*		*Haul3*	
		Exhaust	*Exhaust*	*Exhaust*	*Fugitive*	*Exhaust*	*Fugitive*	*Exhaust*	*Fugitive*	*Exhaust*	*Fugitive*	*Exhaust*	*Fugitive*	*Exhaust*	*Fugitive*	*Exhaust*	*Fugitive*
1	0.02																
Max (park)	0.10																
Total	0.12																
	Emissions:	5.48E-04	0.02	5.72718E-05	7.15897E-06	6.37E-05	0.00	5.72718E-05	9.55E-06	5.73E-05	9.55E-06	6.65E-07	1.12E-06	2.87E-06	4.85E-06	2.86E-06	4.82E-06
247	6.67E-03	9.67E-05	6.4E-03	4.1E-05	4.5E-06	2.1E-05	1.7E-06	4.9E-05	7.4E-06	1.6E-05	2.3E-06	1.7E-07	2.9E-07	4.8E-07	8.2E-07	8.1E-07	1.4E-06
248	6.59E-03	9.54E-05	6.3E-03	4.3E-05	4.6E-06	2.1E-05	1.7E-06	4.9E-05	7.4E-06	1.5E-05	2.2E-06	1.8E-07	3.0E-07	5.0E-07	8.4E-07	8.4E-07	1.4E-06
249	6.51E-03	9.41E-05	6.3E-03	4.5E-05	4.8E-06	2.1E-05	1.7E-06	4.8E-05	7.2E-06	1.5E-05	2.1E-06	1.8E-07	3.1E-07	5.1E-07	8.6E-07	8.7E-07	1.5E-06
250	6.42E-03	9.28E-05	6.2E-03	4.6E-05	5.0E-06	2.2E-05	1.8E-06	4.7E-05	7.0E-06	1.4E-05	2.0E-06	1.9E-07	3.2E-07	5.2E-07	8.8E-07	9.0E-07	1.5E-06
251	6.35E-03	9.15E-05	6.1E-03	4.8E-05	5.3E-06	2.2E-05	1.8E-06	4.7E-05	7.1E-06	1.4E-05	1.9E-06	2.0E-07	3.3E-07	5.4E-07	9.1E-07	9.3E-07	1.6E-06
252	6.27E-03	9.02E-05	6.0E-03	5.0E-05	5.5E-06	2.2E-05	1.9E-06	4.6E-05	7.2E-06	1.4E-05	1.9E-06	2.0E-07	3.4E-07	5.5E-07	9.3E-07	9.6E-07	1.6E-06
253	5.81E-03	8.21E-05	5.6E-03	6.5E-05	7.4E-06	2.2E-05	1.9E-06	3.8E-05	5.5E-06	1.6E-05	2.3E-06	2.5E-07	4.3E-07	6.6E-07	1.1E-06	1.2E-06	2.0E-06
254	5.72E-03	8.07E-05	5.5E-03	6.8E-05	7.8E-06	2.2E-05	1.8E-06	3.7E-05	5.5E-06	1.6E-05	2.4E-06	2.6E-07	4.4E-07	6.8E-07	1.1E-06	1.2E-06	2.1E-06
255	5.62E-03	7.93E-05	5.4E-03	7.1E-05	8.3E-06	2.2E-05	1.8E-06	3.7E-05	5.6E-06	1.6E-05	2.4E-06	2.7E-07	4.6E-07	7.0E-07	1.2E-06	1.3E-06	2.1E-06
256	5.51E-03	7.79E-05	5.3E-03	7.5E-05	8.8E-06	2.1E-05	1.8E-06	3.7E-05	5.7E-06	1.5E-05	2.3E-06	2.8E-07	4.8E-07	7.3E-07	1.2E-06	1.3E-06	2.2E-06
257	5.40E-03	7.65E-05	5.1E-03	7.9E-05	9.4E-06	2.1E-05	1.8E-06	3.7E-05	5.8E-06	1.5E-05	2.2E-06	3.0E-07	5.0E-07	7.5E-07	1.3E-06	1.4E-06	2.3E-06
258	5.28E-03	7.51E-05	5.0E-03	8.3E-05	1.0E-05	2.1E-05	1.8E-06	3.7E-05	5.9E-06	1.5E-05	2.1E-06	3.1E-07	5.2E-07	7.8E-07	1.3E-06	1.4E-06	2.4E-06
259	5.14E-03	7.36E-05	4.9E-03	8.8E-05	1.1E-05	2.1E-05	1.8E-06	3.8E-05	6.0E-06	1.5E-05	2.1E-06	3.3E-07	5.5E-07	8.1E-07	1.4E-06	1.5E-06	2.5E-06
260	6.07E-03	8.88E-05	5.8E-03	4.3E-05	4.7E-06	2.0E-05	1.7E-06	4.3E-05	6.4E-06	1.3E-05	1.9E-06	1.9E-07	3.1E-07	5.2E-07	8.7E-07	8.9E-07	1.5E-06
261	6.00E-03	8.77E-05	5.8E-03	4.5E-05	4.9E-06	2.1E-05	1.7E-06	4.3E-05	6.4E-06	1.3E-05	1.8E-06	1.9E-07	3.3E-07	5.3E-07	8.9E-07	9.2E-07	1.6E-06
262	5.61E-03	8.05E-05	5.4E-03	5.8E-05	6.6E-06	2.1E-05	1.8E-06	3.6E-05	5.5E-06	1.5E-05	2.2E-06	2.4E-07	4.0E-07	6.3E-07	1.1E-06	1.1E-06	1.9E-06
263	5.55E-03	7.93E-05	5.3E-03	6.0E-05	6.9E-06	2.1E-05	1.8E-06	3.5E-05	5.1E-06	1.5E-05	2.2E-06	2.5E-07	4.2E-07	6.5E-07	1.1E-06	1.2E-06	2.0E-06
264	5.47E-03	7.80E-05	5.2E-03	6.3E-05	7.3E-06	2.1E-05	1.7E-06	3.4E-05	5.0E-06	1.5E-05	2.2E-06	2.6E-07	4.3E-07	6.7E-07	1.1E-06	1.2E-06	2.1E-06
265	5.39E-03	7.68E-05	5.2E-03	6.6E-05	7.7E-06	2.0E-05	1.7E-06	3.4E-05	5.0E-06	1.5E-05	2.3E-06	2.7E-07	4.5E-07	6.9E-07	1.2E-06	1.3E-06	2.2E-06
266	5.30E-03	7.55E-05	5.1E-03	6.9E-05	8.1E-06	2.0E-05	1.7E-06	3.4E-05	5.1E-06	1.5E-05	2.3E-06	2.8E-07	4.7E-07	7.2E-07	1.2E-06	1.3E-06	2.2E-06
267	5.21E-03	7.42E-05	5.0E-03	7.2E-05	8.6E-06	2.0E-05	1.7E-06	3.4E-05	5.2E-06	1.5E-05	2.2E-06	2.9E-07	4.9E-07	7.4E-07	1.3E-06	1.4E-06	2.3E-06
268	5.10E-03	7.30E-05	4.9E-03	7.6E-05	9.1E-06	2.0E-05	1.7E-06	3.4E-05	5.3E-06	1.4E-05	2.0E-06	3.0E-07	5.1E-07	7.7E-07	1.3E-06	1.4E-06	2.4E-06
269	4.98E-03	7.15E-05	4.7E-03	8.0E-05	9.7E-06	2.0E-05	1.7E-06	3.4E-05	5.3E-06	1.4E-05	2.0E-06	3.2E-07	5.4E-07	8.0E-07	1.3E-06	1.5E-06	2.5E-06
270	5.35E-03	7.78E-05	5.1E-03	5.4E-05	6.2E-06	2.0E-05	1.7E-06	3.4E-05	5.3E-06	1.4E-05	2.1E-06	2.3E-07	3.9E-07	6.2E-07	1.1E-06	1.1E-06	1.9E-06
271	5.29E-03	7.66E-05	5.1E-03	5.6E-05	6.5E-06	2.0E-05	1.7E-06	3.3E-05	4.8E-06	1.4E-05	2.1E-06	2.4E-07	4.1E-07	6.4E-07	1.1E-06	1.2E-06	2.0E-06
272	5.23E-03	7.55E-05	5.0E-03	5.8E-05	6.8E-06	2.0E-05	1.7E-06	3.2E-05	4.6E-06	1.4E-05	2.1E-06	2.5E-07	4.2E-07	6.6E-07	1.1E-06	1.2E-06	2.1E-06
273	5.17E-03	7.44E-05	4.9E-03	6.1E-05	7.2E-06	1.9E-05	1.6E-06	3.1E-05	4.6E-06	1.4E-05	2.2E-06	2.6E-07	4.4E-07	6.8E-07	1.2E-06	1.3E-06	2.2E-06
274	5.09E-03	7.33E-05	4.9E-03	6.3E-05	7.6E-06	1.9E-05	1.6E-06	3.1E-05	4.6E-06	1.4E-05	2.2E-06	2.7E-07	4.6E-07	7.1E-07	1.2E-06	1.3E-06	2.2E-06
275	5.02E-03	7.21E-05	4.8E-03	6.6E-05	8.0E-06	1.9E-05	1.6E-06	3.1E-05	4.7E-06	1.4E-05	2.1E-06	2.8E-07	4.8E-07	7.3E-07	1.2E-06	1.4E-06	2.3E-06
276	4.92E-03	7.08E-05	4.7E-03	6.9E-05	8.4E-06	1.9E-05	1.6E-06	3.1E-05	4.8E-06	1.4E-05	2.0E-06	3.0E-07	5.0E-07	7.6E-07	1.3E-06	1.4E-06	2.4E-06
277	5.90E-03	9.04E-05	5.7E-03	2.7E-05	3.0E-06	2.1E-05	1.8E-06	4.1E-05	6.4E-06	1.2E-05	1.5E-06	1.3E-07	2.3E-07	3.9E-07	6.7E-07	6.4E-07	1.1E-06
278	5.88E-03	8.99E-05	5.7E-03	2.8E-05	3.1E-06	2.1E-05	1.9E-06	3.8E-05	5.7E-06	1.3E-05	1.9E-06	1.4E-07	2.3E-07	4.0E-07	6.8E-07	6.6E-07	1.1E-06
279	5.85E-03	8.92E-05	5.6E-03	2.9E-05	3.2E-06	2.1E-05	1.9E-06	3.6E-05	5.2E-06	1.4E-05	2.4E-06	1.4E-07	2.4E-07	4.1E-07	7.0E-07	6.8E-07	1.1E-06
280	5.81E-03	8.84E-05	5.6E-03	3.0E-05	3.3E-06	2.1E-05	1.8E-06	3.5E-05	4.9E-06	1.5E-05	2.7E-06	1.5E-07	2.5E-07	4.2E-07	7.1E-07	7.0E-07	1.2E-06
281	5.77E-03	8.75E-05	5.6E-03	3.1E-05	3.4E-06	2.0E-05	1.7E-06	3.5E-05	5.0E-06	1.6E-05	2.7E-06	1.5E-07	2.5E-07	4.3E-07	7.3E-07	7.2E-07	1.2E-06
282	5.14E-03	7.61E-05	4.9E-03	4.8E-05	5.6E-06	1.9E-05	1.6E-06	3.4E-05	5.5E-06	1.3E-05	2.0E-06	2.2E-07	3.7E-07	6.0E-07	1.0E-06	1.1E-06	1.9E-06
283	5.10E-03	7.51E-05	4.9E-03	5.0E-05	5.9E-06	1.9E-05	1.6E-06	3.2E-05	5.1E-06	1.3E-05	2.0E-06	2.3E-07	3.8E-07	6.1E-07	1.0E-06	1.1E-06	1.9E-06
284	5.05E-03	7.41E-05	4.8E-03	5.2E-05	6.1E-06	1.9E-05	1.6E-06	3.1E-05	4.7E-06	1.4E-05	2.0E-06	2.4E-07	4.0E-07	6.3E-07	1.1E-06	1.2E-06	2.0E-06
285	5.00E-03	7.31E-05	4.8E-03	5.4E-05	6.4E-06	1.9E-05	1.6E-06	3.0E-05	4.3E-06	1.4E-05	2.0E-06	2.4E-07	4.1E-07	6.5E-07	1.1E-06	1.2E-06	2.1E-06
286	4.95E-03	7.21E-05	4.7E-03	5.6E-05	6.7E-06	1.9E-05	1.6E-06	2.9E-05	4.2E-06	1.4E-05	2.1E-06	2.5E-07	4.3E-07	6.7E-07	1.1E-06	1.3E-06	2.2E-06
287	4.89E-03	7.11E-05	4.7E-03	5.9E-05	7.0E-06	1.8E-05	1.5E-06	2.8E-05	4.2E-06	1.4E-05	2.1E-06	2.6E-07	4.5E-07	7.0E-07	1.2E-06	1.3E-06	2.2E-06

Berkley WTPF

PM2.5 Mitigated Concentration

Receptor #	Conc.	*Dredging*	*Peir*	*University*		*Seawall*		*Plaza*		*Boatlaunch*		*Haul1*		*Haul2*		*Haul3*	
		Exhaust	*Exhaust*	*Exhaust*	*Fugitive*	*Exhaust*	*Fugitive*	*Exhaust*	*Fugitive*	*Exhaust*	*Fugitive*	*Exhaust*	*Fugitive*	*Exhaust*	*Fugitive*	*Exhaust*	*Fugitive*
1	0.02																
Max (park)	0.10																
Total	0.12																
	Emissions:	5.48E-04	0.02	5.72718E-05	7.15897E-06	6.37E-05	0.00	5.72718E-05	9.55E-06	5.73E-05	9.55E-06	6.65E-07	1.12E-06	2.87E-06	4.85E-06	2.86E-06	4.82E-06
288	4.83E-03	7.01E-05	4.6E-03	6.1E-05	7.4E-06	1.8E-05	1.5E-06	2.8E-05	4.2E-06	1.3E-05	2.0E-06	2.8E-07	4.7E-07	7.2E-07	1.2E-06	1.4E-06	2.3E-06
289	4.74E-03	6.88E-05	4.5E-03	6.4E-05	7.7E-06	1.8E-05	1.5E-06	2.8E-05	4.4E-06	1.3E-05	1.9E-06	2.9E-07	4.9E-07	7.5E-07	1.3E-06	1.4E-06	2.4E-06
290	5.62E-03	8.71E-05	5.4E-03	2.5E-05	2.8E-06	1.9E-05	1.6E-06	3.8E-05	6.4E-06	1.0E-05	1.3E-06	1.3E-07	2.2E-07	3.8E-07	6.4E-07	6.2E-07	1.0E-06
291	5.60E-03	8.67E-05	5.4E-03	2.6E-05	2.9E-06	2.0E-05	1.8E-06	3.7E-05	5.9E-06	1.2E-05	1.5E-06	1.3E-07	2.2E-07	3.9E-07	6.6E-07	6.3E-07	1.1E-06
292	5.57E-03	8.61E-05	5.4E-03	2.7E-05	3.0E-06	2.0E-05	1.9E-06	3.5E-05	5.2E-06	1.3E-05	1.9E-06	1.3E-07	2.3E-07	4.0E-07	6.7E-07	6.5E-07	1.1E-06
293	5.53E-03	8.54E-05	5.3E-03	2.8E-05	3.1E-06	2.0E-05	1.8E-06	3.3E-05	4.7E-06	1.4E-05	2.4E-06	1.4E-07	2.3E-07	4.1E-07	6.9E-07	6.7E-07	1.1E-06
294	5.50E-03	8.47E-05	5.3E-03	2.9E-05	3.2E-06	2.0E-05	1.7E-06	3.2E-05	4.5E-06	1.5E-05	2.6E-06	1.4E-07	2.4E-07	4.2E-07	7.0E-07	7.0E-07	1.2E-06
295	5.46E-03	8.39E-05	5.3E-03	3.0E-05	3.3E-06	1.9E-05	1.6E-06	3.2E-05	4.6E-06	1.5E-05	2.6E-06	1.5E-07	2.5E-07	4.3E-07	7.2E-07	7.2E-07	1.2E-06
296	5.42E-03	8.31E-05	5.2E-03	3.1E-05	3.4E-06	1.8E-05	1.5E-06	3.3E-05	4.8E-06	1.5E-05	2.3E-06	1.5E-07	2.5E-07	4.4E-07	7.4E-07	7.4E-07	1.3E-06
297	5.37E-03	8.22E-05	5.2E-03	3.2E-05	3.5E-06	1.7E-05	1.4E-06	3.4E-05	5.1E-06	1.4E-05	2.1E-06	1.5E-07	2.6E-07	4.5E-07	7.6E-07	7.7E-07	1.3E-06
298	5.33E-03	8.13E-05	5.1E-03	3.3E-05	3.6E-06	1.7E-05	1.4E-06	3.5E-05	5.2E-06	1.3E-05	1.9E-06	1.6E-07	2.7E-07	4.6E-07	7.7E-07	7.9E-07	1.3E-06
299	5.28E-03	8.04E-05	5.1E-03	3.4E-05	3.8E-06	1.7E-05	1.4E-06	3.5E-05	5.3E-06	1.3E-05	1.8E-06	1.6E-07	2.8E-07	4.7E-07	7.9E-07	8.2E-07	1.4E-06
300	5.23E-03	7.95E-05	5.0E-03	3.5E-05	3.9E-06	1.7E-05	1.4E-06	3.5E-05	5.3E-06	1.2E-05	1.7E-06	1.7E-07	2.8E-07	4.8E-07	8.1E-07	8.5E-07	1.4E-06
301	4.90E-03	7.35E-05	4.7E-03	4.5E-05	5.3E-06	1.8E-05	1.6E-06	3.2E-05	5.2E-06	1.3E-05	1.9E-06	2.1E-07	3.6E-07	5.9E-07	9.9E-07	1.1E-06	1.9E-06
302	4.86E-03	7.26E-05	4.7E-03	4.7E-05	5.5E-06	1.8E-05	1.5E-06	3.1E-05	4.9E-06	1.3E-05	2.0E-06	2.2E-07	3.7E-07	6.1E-07	1.0E-06	1.1E-06	1.9E-06
303	4.82E-03	7.17E-05	4.6E-03	4.9E-05	5.8E-06	1.8E-05	1.5E-06	2.9E-05	4.5E-06	1.3E-05	1.9E-06	2.3E-07	3.9E-07	6.2E-07	1.1E-06	1.2E-06	2.0E-06
304	4.78E-03	7.08E-05	4.6E-03	5.1E-05	6.1E-06	1.8E-05	1.5E-06	2.8E-05	4.2E-06	1.3E-05	1.9E-06	2.4E-07	4.0E-07	6.4E-07	1.1E-06	1.2E-06	2.1E-06
305	4.74E-03	6.99E-05	4.5E-03	5.2E-05	6.3E-06	1.8E-05	1.5E-06	2.7E-05	3.9E-06	1.3E-05	2.0E-06	2.5E-07	4.2E-07	6.7E-07	1.1E-06	1.3E-06	2.2E-06
306	4.69E-03	6.90E-05	4.5E-03	5.4E-05	6.6E-06	1.8E-05	1.5E-06	2.6E-05	3.8E-06	1.3E-05	2.0E-06	2.6E-07	4.3E-07	6.9E-07	1.2E-06	1.3E-06	2.2E-06
307	4.64E-03	6.81E-05	4.4E-03	5.7E-05	6.8E-06	1.7E-05	1.5E-06	2.6E-05	3.9E-06	1.3E-05	2.0E-06	2.7E-07	4.5E-07	7.1E-07	1.2E-06	1.4E-06	2.3E-06
308	5.32E-03	8.35E-05	5.1E-03	2.4E-05	2.7E-06	1.8E-05	1.6E-06	3.6E-05	5.9E-06	1.0E-05	1.3E-06	1.3E-07	2.1E-07	3.8E-07	6.4E-07	6.1E-07	1.0E-06
309	5.30E-03	8.31E-05	5.1E-03	2.5E-05	2.8E-06	1.9E-05	1.7E-06	3.5E-05	5.3E-06	1.1E-05	1.6E-06	1.3E-07	2.2E-07	3.8E-07	6.5E-07	6.3E-07	1.1E-06
310	5.28E-03	8.26E-05	5.1E-03	2.6E-05	2.9E-06	2.0E-05	1.8E-06	3.2E-05	4.7E-06	1.3E-05	2.0E-06	1.3E-07	2.2E-07	3.9E-07	6.6E-07	6.5E-07	1.1E-06
311	5.25E-03	8.20E-05	5.1E-03	2.7E-05	3.0E-06	1.9E-05	1.7E-06	3.1E-05	4.4E-06	1.4E-05	2.3E-06	1.4E-07	2.3E-07	4.0E-07	6.8E-07	6.7E-07	1.1E-06
312	5.22E-03	8.13E-05	5.0E-03	2.7E-05	3.1E-06	1.9E-05	1.6E-06	3.0E-05	4.2E-06	1.5E-05	2.5E-06	1.4E-07	2.3E-07	4.1E-07	6.9E-07	6.9E-07	1.2E-06
313	5.18E-03	8.06E-05	5.0E-03	2.8E-05	3.2E-06	1.8E-05	1.5E-06	3.0E-05	4.2E-06	1.5E-05	2.4E-06	1.4E-07	2.4E-07	4.2E-07	7.1E-07	7.1E-07	1.2E-06
314	5.14E-03	7.98E-05	5.0E-03	2.9E-05	3.3E-06	1.7E-05	1.4E-06	3.0E-05	4.5E-06	1.4E-05	2.2E-06	1.5E-07	2.5E-07	4.3E-07	7.3E-07	7.4E-07	1.2E-06
315	5.10E-03	7.90E-05	4.9E-03	3.0E-05	3.4E-06	1.7E-05	1.3E-06	3.1E-05	4.7E-06	1.3E-05	1.9E-06	1.5E-07	2.5E-07	4.4E-07	7.5E-07	7.6E-07	1.3E-06
316	5.06E-03	7.82E-05	4.9E-03	3.1E-05	3.5E-06	1.6E-05	1.3E-06	3.2E-05	4.8E-06	1.3E-05	1.8E-06	1.6E-07	2.6E-07	4.5E-07	7.6E-07	7.9E-07	1.3E-06
317	5.01E-03	7.74E-05	4.8E-03	3.2E-05	3.6E-06	1.6E-05	1.3E-06	3.2E-05	4.9E-06	1.2E-05	1.7E-06	1.6E-07	2.7E-07	4.6E-07	7.8E-07	8.1E-07	1.4E-06
318	4.97E-03	7.66E-05	4.8E-03	3.3E-05	3.8E-06	1.6E-05	1.3E-06	3.2E-05	4.9E-06	1.2E-05	1.6E-06	1.6E-07	2.8E-07	4.8E-07	8.1E-07	8.4E-07	1.4E-06
319	4.92E-03	7.57E-05	4.7E-03	3.4E-05	3.9E-06	1.6E-05	1.3E-06	3.2E-05	4.8E-06	1.1E-05	1.6E-06	1.7E-07	2.9E-07	4.9E-07	8.3E-07	8.7E-07	1.5E-06
320	4.88E-03	7.49E-05	4.7E-03	3.6E-05	4.1E-06	1.7E-05	1.4E-06	3.1E-05	4.6E-06	1.1E-05	1.5E-06	1.8E-07	3.0E-07	5.0E-07	8.5E-07	9.0E-07	1.5E-06
321	4.83E-03	7.41E-05	4.7E-03	3.7E-05	4.3E-06	1.7E-05	1.4E-06	3.1E-05	4.5E-06	1.1E-05	1.5E-06	1.8E-07	3.1E-07	5.2E-07	8.7E-07	9.4E-07	1.6E-06
322	4.79E-03	7.33E-05	4.6E-03	3.8E-05	4.4E-06	1.7E-05	1.5E-06	3.1E-05	4.6E-06	1.1E-05	1.6E-06	1.9E-07	3.2E-07	5.3E-07	9.0E-07	9.7E-07	1.6E-06
323	4.67E-03	7.10E-05	4.5E-03	4.2E-05	5.0E-06	1.8E-05	1.5E-06	3.0E-05	4.8E-06	1.2E-05	1.8E-06	2.1E-07	3.5E-07	5.8E-07	9.8E-07	1.1E-06	1.8E-06
324	4.64E-03	7.02E-05	4.4E-03	4.4E-05	5.2E-06	1.7E-05	1.5E-06	2.9E-05	4.7E-06	1.2E-05	1.9E-06	2.1E-07	3.6E-07	6.0E-07	1.0E-06	1.1E-06	1.9E-06
325	4.60E-03	6.94E-05	4.4E-03	4.6E-05	5.5E-06	1.7E-05	1.5E-06	2.8E-05	4.4E-06	1.3E-05	1.9E-06	2.2E-07	3.8E-07	6.2E-07	1.0E-06	1.2E-06	2.0E-06
326	4.57E-03	6.86E-05	4.4E-03	4.7E-05	5.7E-06	1.7E-05	1.4E-06	2.7E-05	4.0E-06	1.3E-05	1.9E-06	2.3E-07	3.9E-07	6.4E-07	1.1E-06	1.2E-06	2.1E-06
327	4.54E-03	6.78E-05	4.3E-03	4.9E-05	5.9E-06	1.7E-05	1.4E-06	2.5E-05	3.7E-06	1.3E-05	1.9E-06	2.4E-07	4.1E-07	6.6E-07	1.1E-06	1.3E-06	2.2E-06
328	4.50E-03	6.70E-05	4.3E-03	5.1E-05	6.1E-06	1.7E-05	1.4E-06	2.5E-05	3.6E-06	1.3E-05	1.9E-06	2.5E-07	4.2E-07	6.8E-07	1.1E-06	1.3E-06	2.2E-06

Berkley WTPF

PM2.5 Mitigated Concentration

Receptor #	Conc.	*Dredging*	*Peir*	*University*		*Seawall*		*Plaza*		*Boatlaunch*		*Haul1*		*Haul2*		*Haul3*	
		Exhaust	*Exhaust*	*Exhaust*	*Fugitive*	*Exhaust*	*Fugitive*	*Exhaust*	*Fugitive*	*Exhaust*	*Fugitive*	*Exhaust*	*Fugitive*	*Exhaust*	*Fugitive*	*Exhaust*	*Fugitive*
1	0.02																
Max (park)	0.10																
Total	0.12																
	Emissions:	5.48E-04	0.02	5.72718E-05	7.15897E-06	6.37E-05	0.00	5.72718E-05	9.55E-06	5.73E-05	9.55E-06	6.65E-07	1.12E-06	2.87E-06	4.85E-06	2.86E-06	4.82E-06
329	4.46E-03	6.62E-05	4.3E-03	5.2E-05	6.3E-06	1.7E-05	1.4E-06	2.4E-05	3.5E-06	1.3E-05	1.9E-06	2.6E-07	4.4E-07	7.0E-07	1.2E-06	1.4E-06	2.3E-06
330	5.06E-03	8.02E-05	4.9E-03	2.3E-05	2.6E-06	1.8E-05	1.6E-06	3.3E-05	5.5E-06	1.0E-05	1.3E-06	1.2E-07	2.1E-07	3.7E-07	6.3E-07	6.1E-07	1.0E-06
331	5.04E-03	7.99E-05	4.9E-03	2.4E-05	2.7E-06	1.8E-05	1.7E-06	3.2E-05	4.9E-06	1.1E-05	1.6E-06	1.3E-07	2.1E-07	3.8E-07	6.4E-07	6.2E-07	1.1E-06
332	5.01E-03	7.94E-05	4.8E-03	2.5E-05	2.8E-06	1.9E-05	1.7E-06	3.0E-05	4.4E-06	1.2E-05	2.0E-06	1.3E-07	2.2E-07	3.9E-07	6.6E-07	6.4E-07	1.1E-06
333	4.99E-03	7.88E-05	4.8E-03	2.5E-05	2.9E-06	1.8E-05	1.6E-06	2.8E-05	4.0E-06	1.3E-05	2.3E-06	1.3E-07	2.2E-07	4.0E-07	6.7E-07	6.6E-07	1.1E-06
334	4.96E-03	7.82E-05	4.8E-03	2.6E-05	3.0E-06	1.8E-05	1.5E-06	2.8E-05	3.9E-06	1.4E-05	2.4E-06	1.4E-07	2.3E-07	4.1E-07	6.9E-07	6.8E-07	1.2E-06
335	4.92E-03	7.75E-05	4.7E-03	2.7E-05	3.1E-06	1.7E-05	1.4E-06	2.8E-05	3.9E-06	1.4E-05	2.3E-06	1.4E-07	2.4E-07	4.2E-07	7.0E-07	7.1E-07	1.2E-06
336	4.89E-03	7.68E-05	4.7E-03	2.8E-05	3.1E-06	1.6E-05	1.3E-06	2.8E-05	4.1E-06	1.4E-05	2.1E-06	1.4E-07	2.4E-07	4.3E-07	7.2E-07	7.3E-07	1.2E-06
337	4.85E-03	7.61E-05	4.7E-03	2.9E-05	3.3E-06	1.6E-05	1.3E-06	2.9E-05	4.3E-06	1.3E-05	1.8E-06	1.5E-07	2.5E-07	4.4E-07	7.4E-07	7.5E-07	1.3E-06
338	4.81E-03	7.53E-05	4.6E-03	3.0E-05	3.4E-06	1.5E-05	1.2E-06	3.0E-05	4.5E-06	1.2E-05	1.7E-06	1.5E-07	2.6E-07	4.5E-07	7.6E-07	7.8E-07	1.3E-06
339	4.77E-03	7.46E-05	4.6E-03	3.1E-05	3.5E-06	1.5E-05	1.2E-06	3.0E-05	4.6E-06	1.1E-05	1.6E-06	1.6E-07	2.6E-07	4.6E-07	7.8E-07	8.1E-07	1.4E-06
340	4.73E-03	7.38E-05	4.6E-03	3.2E-05	3.6E-06	1.5E-05	1.2E-06	3.0E-05	4.6E-06	1.1E-05	1.5E-06	1.6E-07	2.7E-07	4.7E-07	8.0E-07	8.4E-07	1.4E-06
341	4.69E-03	7.31E-05	4.5E-03	3.3E-05	3.8E-06	1.6E-05	1.3E-06	3.0E-05	4.5E-06	1.1E-05	1.5E-06	1.7E-07	2.8E-07	4.8E-07	8.2E-07	8.7E-07	1.5E-06
342	4.65E-03	7.23E-05	4.5E-03	3.4E-05	3.9E-06	1.6E-05	1.3E-06	2.9E-05	4.3E-06	1.1E-05	1.5E-06	1.7E-07	2.9E-07	5.0E-07	8.4E-07	9.0E-07	1.5E-06
343	4.61E-03	7.16E-05	4.4E-03	3.5E-05	4.1E-06	1.6E-05	1.4E-06	2.9E-05	4.2E-06	1.1E-05	1.5E-06	1.8E-07	3.0E-07	5.1E-07	8.6E-07	9.3E-07	1.6E-06
344	4.57E-03	7.08E-05	4.4E-03	3.6E-05	4.2E-06	1.6E-05	1.4E-06	2.8E-05	4.2E-06	1.1E-05	1.5E-06	1.8E-07	3.1E-07	5.3E-07	8.9E-07	9.7E-07	1.6E-06
345	4.53E-03	7.01E-05	4.4E-03	3.7E-05	4.4E-06	1.7E-05	1.4E-06	2.8E-05	4.4E-06	1.1E-05	1.6E-06	1.9E-07	3.2E-07	5.4E-07	9.1E-07	1.0E-06	1.7E-06
346	4.50E-03	6.94E-05	4.3E-03	3.9E-05	4.5E-06	1.7E-05	1.4E-06	2.9E-05	4.5E-06	1.1E-05	1.7E-06	2.0E-07	3.3E-07	5.6E-07	9.4E-07	1.0E-06	1.8E-06
347	4.46E-03	6.87E-05	4.3E-03	4.0E-05	4.7E-06	1.7E-05	1.4E-06	2.8E-05	4.5E-06	1.2E-05	1.8E-06	2.0E-07	3.4E-07	5.7E-07	9.7E-07	1.1E-06	1.8E-06
348	4.43E-03	6.80E-05	4.2E-03	4.1E-05	4.9E-06	1.7E-05	1.4E-06	2.8E-05	4.5E-06	1.2E-05	1.8E-06	2.1E-07	3.5E-07	5.9E-07	1.0E-06	1.1E-06	1.9E-06
349	4.40E-03	6.72E-05	4.2E-03	4.3E-05	5.1E-06	1.7E-05	1.4E-06	2.7E-05	4.3E-06	1.2E-05	1.8E-06	2.2E-07	3.7E-07	6.1E-07	1.0E-06	1.2E-06	2.0E-06
350	4.37E-03	6.65E-05	4.2E-03	4.4E-05	5.3E-06	1.6E-05	1.4E-06	2.5E-05	3.9E-06	1.2E-05	1.8E-06	2.3E-07	3.8E-07	6.3E-07	1.1E-06	1.2E-06	2.1E-06
351	4.34E-03	6.57E-05	4.2E-03	4.6E-05	5.5E-06	1.6E-05	1.4E-06	2.4E-05	3.6E-06	1.2E-05	1.8E-06	2.3E-07	4.0E-07	6.5E-07	1.1E-06	1.3E-06	2.2E-06
352	4.30E-03	6.50E-05	4.1E-03	4.7E-05	5.7E-06	1.6E-05	1.3E-06	2.3E-05	3.4E-06	1.2E-05	1.9E-06	2.4E-07	4.1E-07	6.7E-07	1.1E-06	1.3E-06	2.2E-06
353	4.81E-03	7.72E-05	4.6E-03	2.2E-05	2.5E-06	1.7E-05	1.5E-06	3.1E-05	5.0E-06	1.0E-05	1.3E-06	1.2E-07	2.0E-07	3.7E-07	6.2E-07	6.0E-07	1.0E-06
354	4.80E-03	7.68E-05	4.6E-03	2.3E-05	2.6E-06	1.8E-05	1.6E-06	3.0E-05	4.5E-06	1.1E-05	1.6E-06	1.2E-07	2.1E-07	3.8E-07	6.3E-07	6.2E-07	1.0E-06
355	4.77E-03	7.64E-05	4.6E-03	2.4E-05	2.7E-06	1.8E-05	1.6E-06	2.8E-05	4.0E-06	1.2E-05	2.0E-06	1.3E-07	2.1E-07	3.8E-07	6.5E-07	6.4E-07	1.1E-06
356	4.75E-03	7.59E-05	4.6E-03	2.4E-05	2.8E-06	1.8E-05	1.6E-06	2.6E-05	3.7E-06	1.3E-05	2.3E-06	1.3E-07	2.2E-07	3.9E-07	6.6E-07	6.6E-07	1.1E-06
357	4.72E-03	7.53E-05	4.6E-03	2.5E-05	2.9E-06	1.7E-05	1.5E-06	2.6E-05	3.6E-06	1.4E-05	2.3E-06	1.3E-07	2.2E-07	4.0E-07	6.8E-07	6.8E-07	1.1E-06
358	4.69E-03	7.47E-05	4.5E-03	2.6E-05	2.9E-06	1.6E-05	1.3E-06	2.6E-05	3.6E-06	1.3E-05	2.2E-06	1.4E-07	2.3E-07	4.1E-07	6.9E-07	7.0E-07	1.2E-06
359	4.66E-03	7.41E-05	4.5E-03	2.7E-05	3.0E-06	1.6E-05	1.2E-06	2.6E-05	3.8E-06	1.3E-05	2.0E-06	1.4E-07	2.4E-07	4.2E-07	7.1E-07	7.2E-07	1.2E-06
360	4.62E-03	7.34E-05	4.5E-03	2.7E-05	3.1E-06	1.5E-05	1.2E-06	2.7E-05	4.0E-06	1.2E-05	1.7E-06	1.4E-07	2.4E-07	4.3E-07	7.3E-07	7.5E-07	1.3E-06
361	4.58E-03	7.27E-05	4.4E-03	2.8E-05	3.2E-06	1.5E-05	1.2E-06	2.8E-05	4.2E-06	1.2E-05	1.6E-06	1.5E-07	2.5E-07	4.4E-07	7.5E-07	7.7E-07	1.3E-06
362	4.55E-03	7.20E-05	4.4E-03	2.9E-05	3.4E-06	1.5E-05	1.2E-06	2.8E-05	4.2E-06	1.1E-05	1.5E-06	1.5E-07	2.6E-07	4.5E-07	7.7E-07	8.0E-07	1.3E-06
363	4.51E-03	7.13E-05	4.3E-03	3.0E-05	3.5E-06	1.5E-05	1.2E-06	2.8E-05	4.3E-06	1.1E-05	1.5E-06	1.6E-07	2.7E-07	4.7E-07	7.9E-07	8.3E-07	1.4E-06
364	4.47E-03	7.05E-05	4.3E-03	3.1E-05	3.6E-06	1.5E-05	1.2E-06	2.8E-05	4.3E-06	1.0E-05	1.4E-06	1.6E-07	2.7E-07	4.8E-07	8.1E-07	8.6E-07	1.4E-06
365	4.44E-03	6.98E-05	4.3E-03	3.2E-05	3.7E-06	1.5E-05	1.3E-06	2.7E-05	4.1E-06	1.0E-05	1.4E-06	1.7E-07	2.8E-07	4.9E-07	8.3E-07	8.9E-07	1.5E-06
366	4.40E-03	6.92E-05	4.2E-03	3.3E-05	3.9E-06	1.5E-05	1.3E-06	2.7E-05	3.9E-06	1.0E-05	1.4E-06	1.7E-07	2.9E-07	5.1E-07	8.5E-07	9.2E-07	1.6E-06
367	4.36E-03	6.85E-05	4.2E-03	3.4E-05	4.0E-06	1.6E-05	1.3E-06	2.7E-05	3.9E-06	1.0E-05	1.5E-06	1.8E-07	3.0E-07	5.2E-07	8.8E-07	9.6E-07	1.6E-06
368	4.33E-03	6.78E-05	4.2E-03	3.5E-05	4.2E-06	1.6E-05	1.3E-06	2.7E-05	4.0E-06	1.1E-05	1.5E-06	1.8E-07	3.1E-07	5.3E-07	9.0E-07	9.9E-07	1.7E-06
369	4.30E-03	6.71E-05	4.1E-03	3.6E-05	4.3E-06	1.6E-05	1.4E-06	2.7E-05	4.1E-06	1.1E-05	1.6E-06	1.9E-07	3.2E-07	5.5E-07	9.3E-07	1.0E-06	1.7E-06

Berkley WTPF

PM2.5 Mitigated Concentration

Receptor #	Conc.	*Dredging*	*Peir*	*University*		*Seawall*		*Plaza*		*Boatlaunch*		*Haul1*		*Haul2*		*Haul3*	
		Exhaust	*Exhaust*	*Exhaust*	*Fugitive*	*Exhaust*	*Fugitive*	*Exhaust*	*Fugitive*	*Exhaust*	*Fugitive*	*Exhaust*	*Fugitive*	*Exhaust*	*Fugitive*	*Exhaust*	*Fugitive*
1	0.02																
Max (park)	0.10																
Total	0.12																
	Emissions:	5.48E-04	0.02	5.72718E-05	7.15897E-06	6.37E-05	0.00	5.72718E-05	9.55E-06	5.73E-05	9.55E-06	6.65E-07	1.12E-06	2.87E-06	4.85E-06	2.86E-06	4.82E-06
370	4.26E-03	6.65E-05	4.1E-03	3.8E-05	4.5E-06	1.6E-05	1.4E-06	2.7E-05	4.2E-06	1.1E-05	1.7E-06	2.0E-07	3.3E-07	5.7E-07	9.6E-07	1.1E-06	1.8E-06
371	4.24E-03	6.58E-05	4.1E-03	3.9E-05	4.7E-06	1.6E-05	1.4E-06	2.6E-05	4.2E-06	1.1E-05	1.7E-06	2.0E-07	3.5E-07	5.8E-07	9.9E-07	1.1E-06	1.9E-06
372	4.21E-03	6.51E-05	4.0E-03	4.0E-05	4.8E-06	1.6E-05	1.3E-06	2.5E-05	4.1E-06	1.2E-05	1.7E-06	2.1E-07	3.6E-07	6.0E-07	1.0E-06	1.2E-06	2.0E-06
373	4.57E-03	7.40E-05	4.4E-03	2.2E-05	2.5E-06	1.7E-05	1.6E-06	2.8E-05	4.1E-06	1.1E-05	1.6E-06	1.2E-07	2.0E-07	3.7E-07	6.3E-07	6.1E-07	1.0E-06
374	4.55E-03	7.36E-05	4.4E-03	2.3E-05	2.6E-06	1.7E-05	1.6E-06	2.6E-05	3.7E-06	1.2E-05	2.0E-06	1.2E-07	2.1E-07	3.8E-07	6.4E-07	6.3E-07	1.1E-06
375	4.53E-03	7.32E-05	4.4E-03	2.3E-05	2.7E-06	1.7E-05	1.5E-06	2.5E-05	3.5E-06	1.3E-05	2.2E-06	1.3E-07	2.1E-07	3.9E-07	6.6E-07	6.5E-07	1.1E-06
376	4.50E-03	7.26E-05	4.3E-03	2.4E-05	2.8E-06	1.6E-05	1.4E-06	2.4E-05	3.4E-06	1.3E-05	2.3E-06	1.3E-07	2.2E-07	4.0E-07	6.7E-07	6.7E-07	1.1E-06
377	4.47E-03	7.21E-05	4.3E-03	2.5E-05	2.8E-06	1.5E-05	1.3E-06	2.4E-05	3.4E-06	1.3E-05	2.1E-06	1.3E-07	2.3E-07	4.1E-07	6.9E-07	6.9E-07	1.2E-06
378	4.44E-03	7.15E-05	4.3E-03	2.5E-05	2.9E-06	1.5E-05	1.2E-06	2.5E-05	3.6E-06	1.2E-05	1.8E-06	1.4E-07	2.3E-07	4.2E-07	7.0E-07	7.2E-07	1.2E-06
379	4.41E-03	7.08E-05	4.2E-03	2.6E-05	3.0E-06	1.4E-05	1.1E-06	2.5E-05	3.8E-06	1.2E-05	1.7E-06	1.4E-07	2.4E-07	4.3E-07	7.2E-07	7.4E-07	1.2E-06
380	4.37E-03	7.02E-05	4.2E-03	2.7E-05	3.1E-06	1.4E-05	1.1E-06	2.6E-05	3.9E-06	1.1E-05	1.5E-06	1.5E-07	2.5E-07	4.4E-07	7.4E-07	7.6E-07	1.3E-06
381	4.34E-03	6.95E-05	4.2E-03	2.8E-05	3.2E-06	1.4E-05	1.1E-06	2.6E-05	4.0E-06	1.1E-05	1.5E-06	1.5E-07	2.5E-07	4.5E-07	7.6E-07	7.9E-07	1.3E-06
382	4.31E-03	6.89E-05	4.1E-03	2.9E-05	3.3E-06	1.4E-05	1.1E-06	2.6E-05	4.0E-06	1.0E-05	1.4E-06	1.5E-07	2.6E-07	4.6E-07	7.8E-07	8.2E-07	1.4E-06
383	4.27E-03	6.82E-05	4.1E-03	3.0E-05	3.5E-06	1.4E-05	1.2E-06	2.6E-05	4.0E-06	9.8E-06	1.4E-06	1.6E-07	2.7E-07	4.7E-07	8.0E-07	8.5E-07	1.4E-06
384	4.24E-03	6.75E-05	4.1E-03	3.0E-05	3.6E-06	1.4E-05	1.2E-06	2.6E-05	3.9E-06	9.7E-06	1.4E-06	1.6E-07	2.8E-07	4.9E-07	8.2E-07	8.8E-07	1.5E-06
385	4.21E-03	6.69E-05	4.0E-03	3.1E-05	3.7E-06	1.5E-05	1.2E-06	2.5E-05	3.7E-06	9.7E-06	1.4E-06	1.7E-07	2.9E-07	5.0E-07	8.4E-07	9.1E-07	1.5E-06
386	4.17E-03	6.63E-05	4.0E-03	3.2E-05	3.8E-06	1.5E-05	1.3E-06	2.5E-05	3.6E-06	9.9E-06	1.4E-06	1.7E-07	2.9E-07	5.1E-07	8.7E-07	9.5E-07	1.6E-06
387	4.14E-03	6.56E-05	4.0E-03	3.3E-05	4.0E-06	1.5E-05	1.3E-06	2.5E-05	3.7E-06	1.0E-05	1.5E-06	1.8E-07	3.0E-07	5.3E-07	8.9E-07	9.8E-07	1.7E-06
388	4.11E-03	6.50E-05	3.9E-03	3.4E-05	4.1E-06	1.5E-05	1.3E-06	2.5E-05	3.8E-06	1.0E-05	1.6E-06	1.9E-07	3.1E-07	5.4E-07	9.2E-07	1.0E-06	1.7E-06
389	4.36E-03	7.13E-05	4.2E-03	2.1E-05	2.4E-06	1.6E-05	1.5E-06	2.6E-05	3.8E-06	1.1E-05	1.7E-06	1.2E-07	2.0E-07	3.7E-07	6.2E-07	6.1E-07	1.0E-06
390	4.34E-03	7.09E-05	4.2E-03	2.2E-05	2.5E-06	1.6E-05	1.5E-06	2.4E-05	3.5E-06	1.2E-05	2.0E-06	1.2E-07	2.1E-07	3.8E-07	6.4E-07	6.3E-07	1.1E-06
391	4.32E-03	7.06E-05	4.2E-03	2.2E-05	2.6E-06	1.6E-05	1.4E-06	2.3E-05	3.3E-06	1.2E-05	2.2E-06	1.2E-07	2.1E-07	3.9E-07	6.5E-07	6.5E-07	1.1E-06
392	4.30E-03	7.02E-05	4.1E-03	2.3E-05	2.7E-06	1.5E-05	1.3E-06	2.2E-05	3.2E-06	1.3E-05	2.2E-06	1.3E-07	2.2E-07	3.9E-07	6.7E-07	6.7E-07	1.1E-06
393	4.27E-03	6.96E-05	4.1E-03	2.4E-05	2.7E-06	1.5E-05	1.2E-06	2.2E-05	3.2E-06	1.2E-05	2.0E-06	1.3E-07	2.2E-07	4.0E-07	6.8E-07	6.9E-07	1.2E-06
394	4.24E-03	6.91E-05	4.1E-03	2.4E-05	2.8E-06	1.4E-05	1.1E-06	2.3E-05	3.3E-06	1.2E-05	1.8E-06	1.4E-07	2.3E-07	4.1E-07	7.0E-07	7.1E-07	1.2E-06
395	4.21E-03	6.85E-05	4.1E-03	2.5E-05	2.9E-06	1.4E-05	1.1E-06	2.4E-05	3.5E-06	1.1E-05	1.6E-06	1.4E-07	2.3E-07	4.2E-07	7.2E-07	7.3E-07	1.2E-06
396	4.18E-03	6.79E-05	4.0E-03	2.6E-05	3.0E-06	1.3E-05	1.1E-06	2.4E-05	3.6E-06	1.1E-05	1.5E-06	1.4E-07	2.4E-07	4.3E-07	7.3E-07	7.6E-07	1.3E-06
397	4.15E-03	6.73E-05	4.0E-03	2.7E-05	3.1E-06	1.3E-05	1.1E-06	2.5E-05	3.7E-06	1.0E-05	1.4E-06	1.5E-07	2.5E-07	4.5E-07	7.5E-07	7.8E-07	1.3E-06
398	4.12E-03	6.66E-05	4.0E-03	2.7E-05	3.2E-06	1.3E-05	1.1E-06	2.5E-05	3.8E-06	9.7E-06	1.4E-06	1.5E-07	2.6E-07	4.6E-07	7.7E-07	8.1E-07	1.4E-06
399	4.09E-03	6.60E-05	3.9E-03	2.8E-05	3.3E-06	1.4E-05	1.1E-06	2.5E-05	3.8E-06	9.5E-06	1.3E-06	1.6E-07	2.6E-07	4.7E-07	7.9E-07	8.4E-07	1.4E-06
400	4.05E-03	6.54E-05	3.9E-03	2.9E-05	3.4E-06	1.4E-05	1.1E-06	2.4E-05	3.7E-06	9.3E-06	1.3E-06	1.6E-07	2.7E-07	4.8E-07	8.1E-07	8.7E-07	1.5E-06
401	4.02E-03	6.48E-05	3.9E-03	3.0E-05	3.5E-06	1.4E-05	1.2E-06	2.4E-05	3.5E-06	9.4E-06	1.3E-06	1.7E-07	2.8E-07	5.0E-07	8.4E-07	9.0E-07	1.5E-06
402	3.99E-03	6.42E-05	3.8E-03	3.1E-05	3.7E-06	1.4E-05	1.2E-06	2.3E-05	3.4E-06	9.5E-06	1.3E-06	1.7E-07	2.9E-07	5.1E-07	8.6E-07	9.4E-07	1.6E-06
403	3.97E-03	6.36E-05	3.8E-03	3.2E-05	3.8E-06	1.5E-05	1.2E-06	2.3E-05	3.4E-06	9.7E-06	1.4E-06	1.8E-07	3.0E-07	5.2E-07	8.8E-07	9.7E-07	1.6E-06
404	4.14E-03	6.84E-05	4.0E-03	2.1E-05	2.4E-06	1.6E-05	1.4E-06	2.3E-05	3.2E-06	1.2E-05	2.0E-06	1.2E-07	2.0E-07	3.7E-07	6.3E-07	6.2E-07	1.1E-06
405	4.13E-03	6.81E-05	4.0E-03	2.2E-05	2.5E-06	1.5E-05	1.3E-06	2.2E-05	3.0E-06	1.2E-05	2.1E-06	1.2E-07	2.1E-07	3.8E-07	6.5E-07	6.4E-07	1.1E-06
406	4.11E-03	6.78E-05	4.0E-03	2.2E-05	2.6E-06	1.5E-05	1.2E-06	2.1E-05	3.0E-06	1.2E-05	2.1E-06	1.3E-07	2.1E-07	3.9E-07	6.6E-07	6.6E-07	1.1E-06
407	4.09E-03	6.73E-05	3.9E-03	2.3E-05	2.6E-06	1.4E-05	1.1E-06	2.1E-05	3.0E-06	1.2E-05	1.9E-06	1.3E-07	2.2E-07	4.0E-07	6.8E-07	6.8E-07	1.1E-06
408	4.06E-03	6.68E-05	3.9E-03	2.3E-05	2.7E-06	1.3E-05	1.1E-06	2.2E-05	3.1E-06	1.1E-05	1.7E-06	1.3E-07	2.2E-07	4.1E-07	6.9E-07	7.0E-07	1.2E-06
409	4.03E-03	6.63E-05	3.9E-03	2.4E-05	2.8E-06	1.3E-05	1.0E-06	2.2E-05	3.3E-06	1.1E-05	1.5E-06	1.4E-07	2.3E-07	4.2E-07	7.1E-07	7.2E-07	1.2E-06
410	4.00E-03	6.57E-05	3.9E-03	2.5E-05	2.9E-06	1.3E-05	1.0E-06	2.3E-05	3.4E-06	1.0E-05	1.4E-06	1.4E-07	2.4E-07	4.3E-07	7.3E-07	7.5E-07	1.3E-06

Berkley WTPF

PM2.5 Mitigated Concentration

Receptor #	Conc.	*Dredging*	*Peir*	*University*		*Seawall*		*Plaza*		*Boatlaunch*		*Haul1*		*Haul2*		*Haul3*	
		Exhaust	*Exhaust*	*Exhaust*	*Fugitive*	*Exhaust*	*Fugitive*	*Exhaust*	*Fugitive*	*Exhaust*	*Fugitive*	*Exhaust*	*Fugitive*	*Exhaust*	*Fugitive*	*Exhaust*	*Fugitive*
1	0.02																
Max (park)	0.10																
Total	0.12																
	Emissions:	5.48E-04	0.02	5.72718E-05	7.15897E-06	6.37E-05	0.00	5.72718E-05	9.55E-06	5.73E-05	9.55E-06	6.65E-07	1.12E-06	2.87E-06	4.85E-06	2.86E-06	4.82E-06
411	3.97E-03	6.51E-05	3.8E-03	2.5E-05	3.0E-06	1.3E-05	1.0E-06	2.3E-05	3.5E-06	9.7E-06	1.4E-06	1.4E-07	2.4E-07	4.4E-07	7.5E-07	7.7E-07	1.3E-06
412	3.94E-03	6.45E-05	3.8E-03	2.6E-05	3.1E-06	1.3E-05	1.0E-06	2.3E-05	3.5E-06	9.4E-06	1.3E-06	1.5E-07	2.5E-07	4.5E-07	7.6E-07	8.0E-07	1.4E-06
413	3.91E-03	6.40E-05	3.8E-03	2.7E-05	3.2E-06	1.3E-05	1.1E-06	2.3E-05	3.6E-06	9.1E-06	1.3E-06	1.5E-07	2.6E-07	4.6E-07	7.9E-07	8.3E-07	1.4E-06
414	3.88E-03	6.34E-05	3.7E-03	2.8E-05	3.3E-06	1.3E-05	1.1E-06	2.3E-05	3.5E-06	9.0E-06	1.3E-06	1.6E-07	2.7E-07	4.8E-07	8.1E-07	8.6E-07	1.5E-06
415	3.86E-03	6.28E-05	3.7E-03	2.8E-05	3.4E-06	1.4E-05	1.1E-06	2.3E-05	3.3E-06	9.0E-06	1.3E-06	1.6E-07	2.7E-07	4.9E-07	8.3E-07	8.9E-07	1.5E-06
416	3.83E-03	6.23E-05	3.7E-03	2.9E-05	3.5E-06	1.4E-05	1.2E-06	2.2E-05	3.2E-06	9.2E-06	1.3E-06	1.7E-07	2.8E-07	5.0E-07	8.5E-07	9.3E-07	1.6E-06
417	3.80E-03	6.17E-05	3.7E-03	3.0E-05	3.6E-06	1.4E-05	1.2E-06	2.2E-05	3.2E-06	9.4E-06	1.4E-06	1.7E-07	2.9E-07	5.2E-07	8.7E-07	9.6E-07	1.6E-06
418	3.93E-03	6.54E-05	3.8E-03	2.1E-05	2.5E-06	1.4E-05	1.2E-06	2.0E-05	2.8E-06	1.2E-05	2.0E-06	1.2E-07	2.1E-07	3.9E-07	6.6E-07	6.6E-07	1.1E-06
419	3.92E-03	6.52E-05	3.8E-03	2.2E-05	2.6E-06	1.3E-05	1.1E-06	2.0E-05	2.8E-06	1.1E-05	1.8E-06	1.3E-07	2.1E-07	4.0E-07	6.7E-07	6.7E-07	1.1E-06
420	3.89E-03	6.47E-05	3.8E-03	2.2E-05	2.6E-06	1.3E-05	1.0E-06	2.0E-05	2.9E-06	1.1E-05	1.6E-06	1.3E-07	2.2E-07	4.1E-07	6.9E-07	6.9E-07	1.2E-06
421	3.87E-03	6.42E-05	3.7E-03	2.3E-05	2.7E-06	1.2E-05	9.9E-07	2.1E-05	3.1E-06	1.0E-05	1.4E-06	1.3E-07	2.3E-07	4.2E-07	7.0E-07	7.2E-07	1.2E-06
422	3.84E-03	6.37E-05	3.7E-03	2.4E-05	2.8E-06	1.2E-05	9.7E-07	2.1E-05	3.2E-06	9.8E-06	1.4E-06	1.4E-07	2.3E-07	4.3E-07	7.2E-07	7.4E-07	1.3E-06
423	3.81E-03	6.31E-05	3.7E-03	2.4E-05	2.9E-06	1.2E-05	9.7E-07	2.2E-05	3.3E-06	9.3E-06	1.3E-06	1.4E-07	2.4E-07	4.4E-07	7.4E-07	7.7E-07	1.3E-06
424	3.78E-03	6.26E-05	3.6E-03	2.5E-05	3.0E-06	1.2E-05	9.9E-07	2.2E-05	3.3E-06	9.0E-06	1.3E-06	1.5E-07	2.5E-07	4.5E-07	7.6E-07	7.9E-07	1.3E-06
425	3.75E-03	6.20E-05	3.6E-03	2.6E-05	3.1E-06	1.2E-05	1.0E-06	2.2E-05	3.3E-06	8.8E-06	1.2E-06	1.5E-07	2.5E-07	4.6E-07	7.8E-07	8.2E-07	1.4E-06
426	3.72E-03	6.15E-05	3.6E-03	2.6E-05	3.2E-06	1.3E-05	1.0E-06	2.2E-05	3.3E-06	8.7E-06	1.2E-06	1.5E-07	2.6E-07	4.7E-07	8.0E-07	8.5E-07	1.4E-06
427	3.70E-03	6.10E-05	3.6E-03	2.7E-05	3.3E-06	1.3E-05	1.1E-06	2.1E-05	3.2E-06	8.7E-06	1.2E-06	1.6E-07	2.7E-07	4.9E-07	8.2E-07	8.8E-07	1.5E-06
428	3.67E-03	6.04E-05	3.5E-03	2.8E-05	3.4E-06	1.3E-05	1.1E-06	2.1E-05	3.1E-06	8.8E-06	1.3E-06	1.6E-07	2.8E-07	5.0E-07	8.4E-07	9.2E-07	1.5E-06
429	3.64E-03	5.98E-05	3.5E-03	2.9E-05	3.5E-06	1.3E-05	1.1E-06	2.1E-05	3.0E-06	9.0E-06	1.3E-06	1.7E-07	2.9E-07	5.1E-07	8.7E-07	9.5E-07	1.6E-06
430	3.65E-03	6.11E-05	3.5E-03	2.3E-05	2.8E-06	1.2E-05	9.3E-07	2.1E-05	3.1E-06	9.0E-06	1.3E-06	1.4E-07	2.4E-07	4.3E-07	7.3E-07	7.6E-07	1.3E-06
431	3.62E-03	6.07E-05	3.5E-03	2.4E-05	2.9E-06	1.2E-05	9.5E-07	2.1E-05	3.1E-06	8.7E-06	1.2E-06	1.4E-07	2.4E-07	4.5E-07	7.5E-07	7.8E-07	1.3E-06
432	3.60E-03	6.01E-05	3.5E-03	2.5E-05	2.9E-06	1.2E-05	9.7E-07	2.1E-05	3.2E-06	8.5E-06	1.2E-06	1.5E-07	2.5E-07	4.6E-07	7.7E-07	8.1E-07	1.4E-06
433	3.57E-03	5.97E-05	3.4E-03	2.5E-05	3.0E-06	1.2E-05	1.0E-06	2.1E-05	3.1E-06	8.4E-06	1.2E-06	1.5E-07	2.6E-07	4.7E-07	7.9E-07	8.4E-07	1.4E-06
434	3.55E-03	5.92E-05	3.4E-03	2.6E-05	3.1E-06	1.2E-05	1.0E-06	2.0E-05	3.0E-06	8.4E-06	1.2E-06	1.6E-07	2.6E-07	4.8E-07	8.1E-07	8.7E-07	1.5E-06
435	3.53E-03	5.87E-05	3.4E-03	2.7E-05	3.2E-06	1.3E-05	1.1E-06	2.0E-05	2.9E-06	8.5E-06	1.2E-06	1.6E-07	2.7E-07	4.9E-07	8.4E-07	9.0E-07	1.5E-06
								Park									
436	3.88E-02	4.93E-04	3.5E-02	8.2E-05	9.4E-06	2.2E-03	3.1E-04	2.5E-04	3.3E-05	1.9E-04	2.8E-05	2.3E-07	3.8E-07	6.6E-07	1.1E-06	6.9E-07	1.2E-06
437	3.57E-02	4.46E-04	3.2E-02	8.2E-05	9.3E-06	2.1E-03	2.2E-04	2.5E-04	3.5E-05	2.1E-04	3.7E-05	2.3E-07	4.0E-07	6.8E-07	1.2E-06	7.0E-07	1.2E-06
438	4.83E-02	6.27E-04	4.5E-02	9.1E-05	1.1E-05	1.6E-03	2.5E-04	3.3E-04	4.7E-05	1.3E-04	2.0E-05	2.1E-07	3.6E-07	6.2E-07	1.0E-06	6.9E-07	1.2E-06
439	4.43E-02	5.58E-04	4.1E-02	9.2E-05	1.1E-05	1.7E-03	2.0E-04	3.3E-04	4.4E-05	1.4E-04	1.9E-05	2.2E-07	3.7E-07	6.4E-07	1.1E-06	7.0E-07	1.2E-06
440	4.08E-02	5.02E-04	3.8E-02	9.3E-05	1.1E-05	1.8E-03	1.6E-04	3.4E-04	4.7E-05	1.6E-04	2.5E-05	2.3E-07	3.8E-07	6.6E-07	1.1E-06	7.0E-07	1.2E-06
441	3.70E-02	4.53E-04	3.4E-02	9.3E-05	1.0E-05	1.4E-03	1.3E-04	3.5E-04	5.2E-05	1.8E-04	3.0E-05	2.3E-07	4.0E-07	6.8E-07	1.1E-06	7.1E-07	1.2E-06
442	5.76E-02	7.18E-04	5.5E-02	1.0E-04	1.2E-05	8.9E-04	1.5E-04	4.7E-04	6.8E-05	1.1E-04	1.7E-05	2.0E-07	3.4E-07	6.0E-07	1.0E-06	6.9E-07	1.2E-06
443	5.22E-02	6.28E-04	4.9E-02	1.0E-04	1.2E-05	1.4E-03	1.2E-04	4.6E-04	6.2E-05	1.1E-04	1.6E-05	2.1E-07	3.5E-07	6.2E-07	1.0E-06	7.0E-07	1.2E-06
444	4.71E-02	5.59E-04	4.4E-02	1.1E-04	1.2E-05	1.3E-03	1.1E-04	4.8E-04	6.5E-05	1.2E-04	1.7E-05	2.2E-07	3.6E-07	6.3E-07	1.1E-06	7.1E-07	1.2E-06
445	4.25E-02	5.03E-04	4.0E-02	1.1E-04	1.2E-05	1.1E-03	9.7E-05	5.0E-04	7.4E-05	1.4E-04	2.3E-05	2.2E-07	3.8E-07	6.5E-07	1.1E-06	7.2E-07	1.2E-06
446	3.84E-02	4.54E-04	3.6E-02	1.1E-04	1.2E-05	9.5E-04	8.4E-05	5.0E-04	8.0E-05	1.5E-04	2.5E-05	2.3E-07	3.9E-07	6.7E-07	1.1E-06	7.3E-07	1.2E-06
447	6.38E-02	7.06E-04	6.1E-02	1.2E-04	1.4E-05	9.3E-04	1.1E-04	7.2E-04	9.5E-05	9.5E-05	1.5E-05	2.0E-07	3.3E-07	5.9E-07	1.0E-06	7.0E-07	1.2E-06
448	5.62E-02	6.20E-04	5.3E-02	1.2E-04	1.4E-05	1.0E-03	8.5E-05	7.3E-04	9.7E-05	9.8E-05	1.3E-05	2.1E-07	3.5E-07	6.1E-07	1.0E-06	7.1E-07	1.2E-06
449	4.98E-02	5.52E-04	4.7E-02	1.2E-04	1.4E-05	8.6E-04	7.3E-05	7.4E-04	1.1E-04	1.1E-04	1.5E-05	2.1E-07	3.6E-07	6.3E-07	1.1E-06	7.2E-07	1.2E-06
450	4.45E-02	4.98E-04	4.2E-02	1.3E-04	1.4E-05	7.6E-04	6.6E-05	7.3E-04	1.2E-04	1.2E-04	2.1E-05	2.2E-07	3.7E-07	6.5E-07	1.1E-06	7.3E-07	1.2E-06

Berkley WTPF

PM2.5 Mitigated Concentration

Receptor #	Conc.	*Dredging*	*Peir*	*University*		*Seawall*		*Plaza*		*Boatlaunch*		*Haul1*		*Haul2*		*Haul3*	
		Exhaust	*Exhaust*	*Exhaust*	*Fugitive*	*Exhaust*	*Fugitive*	*Exhaust*	*Fugitive*	*Exhaust*	*Fugitive*	*Exhaust*	*Fugitive*	*Exhaust*	*Fugitive*	*Exhaust*	*Fugitive*
1	0.02																
Max (park)	0.10																
Total	0.12																
	Emissions:	5.48E-04	0.02	5.72718E-05	7.15897E-06	6.37E-05	0.00	5.72718E-05	9.55E-06	5.73E-05	9.55E-06	6.65E-07	1.12E-06	2.87E-06	4.85E-06	2.86E-06	4.82E-06
451	3.98E-02	4.50E-04	3.8E-02	1.3E-04	1.4E-05	6.7E-04	5.9E-05	6.9E-04	1.2E-04	1.3E-04	2.1E-05	2.3E-07	3.9E-07	6.7E-07	1.1E-06	7.4E-07	1.3E-06
452	3.58E-02	4.09E-04	3.4E-02	1.3E-04	1.4E-05	5.9E-04	5.3E-05	6.3E-04	1.1E-04	1.3E-04	1.8E-05	2.4E-07	4.0E-07	6.9E-07	1.2E-06	7.5E-07	1.3E-06
453	6.99E-02	6.86E-04	6.7E-02	1.4E-04	1.7E-05	6.5E-04	9.0E-05	1.3E-03	1.6E-04	8.2E-05	1.2E-05	1.9E-07	3.3E-07	5.9E-07	9.9E-07	7.1E-07	1.2E-06
454	6.02E-02	6.04E-04	5.7E-02	1.4E-04	1.7E-05	7.4E-04	6.5E-05	1.2E-03	1.8E-04	8.7E-05	1.1E-05	2.0E-07	3.4E-07	6.1E-07	1.0E-06	7.2E-07	1.2E-06
455	5.26E-02	5.39E-04	5.0E-02	1.5E-04	1.7E-05	6.3E-04	5.5E-05	1.2E-03	2.0E-04	9.7E-05	1.4E-05	2.1E-07	3.5E-07	6.2E-07	1.1E-06	7.3E-07	1.2E-06
456	4.64E-02	4.87E-04	4.4E-02	1.5E-04	1.7E-05	5.6E-04	4.9E-05	1.1E-03	1.9E-04	1.1E-04	1.9E-05	2.2E-07	3.7E-07	6.4E-07	1.1E-06	7.4E-07	1.3E-06
457	4.11E-02	4.40E-04	3.9E-02	1.5E-04	1.7E-05	5.0E-04	4.4E-05	9.2E-04	1.7E-04	1.1E-04	1.8E-05	2.3E-07	3.8E-07	6.6E-07	1.1E-06	7.5E-07	1.3E-06
458	3.67E-02	4.01E-04	3.5E-02	1.6E-04	1.8E-05	4.5E-04	4.0E-05	7.8E-04	1.4E-04	1.1E-04	1.6E-05	2.4E-07	4.0E-07	6.8E-07	1.2E-06	7.6E-07	1.3E-06
459	9.14E-02	7.56E-04	8.7E-02	1.6E-04	2.0E-05	3.2E-04	1.1E-04	3.0E-03	3.5E-04	7.1E-05	1.1E-05	1.8E-07	3.1E-07	5.7E-07	9.6E-07	7.1E-07	1.2E-06
460	7.59E-02	6.60E-04	7.1E-02	1.7E-04	2.1E-05	7.5E-04	6.9E-05	2.6E-03	3.8E-04	7.2E-05	1.0E-05	1.9E-07	3.2E-07	5.8E-07	9.9E-07	7.2E-07	1.2E-06
461	6.38E-02	5.83E-04	6.0E-02	1.8E-04	2.1E-05	5.6E-04	5.0E-05	2.2E-03	3.7E-04	7.8E-05	1.0E-05	2.0E-07	3.3E-07	6.0E-07	1.0E-06	7.3E-07	1.2E-06
462	5.49E-02	5.22E-04	5.1E-02	1.8E-04	2.1E-05	4.8E-04	4.2E-05	1.8E-03	3.2E-04	8.8E-05	1.3E-05	2.1E-07	3.5E-07	6.2E-07	1.0E-06	7.4E-07	1.3E-06
463	4.79E-02	4.72E-04	4.5E-02	1.9E-04	2.2E-05	4.3E-04	3.8E-05	1.4E-03	2.6E-04	9.7E-05	1.7E-05	2.1E-07	3.6E-07	6.4E-07	1.1E-06	7.5E-07	1.3E-06
464	4.21E-02	4.28E-04	4.0E-02	2.0E-04	2.2E-05	3.9E-04	3.4E-05	1.2E-03	2.1E-04	9.8E-05	1.5E-05	2.2E-07	3.8E-07	6.6E-07	1.1E-06	7.7E-07	1.3E-06
465	3.74E-02	3.90E-04	3.5E-02	2.0E-04	2.3E-05	3.5E-04	3.1E-05	9.3E-04	1.7E-04	9.4E-05	1.3E-05	2.3E-07	3.9E-07	6.8E-07	1.1E-06	7.8E-07	1.3E-06
466	3.35E-02	3.58E-04	3.2E-02	2.0E-04	2.3E-05	3.3E-04	2.9E-05	7.5E-04	1.3E-04	9.1E-05	1.3E-05	2.4E-07	4.1E-07	7.0E-07	1.2E-06	7.9E-07	1.3E-06
467	9.60E-02	7.16E-04	8.9E-02	2.1E-04	2.7E-05	3.1E-04	5.6E-05	4.2E-03	1.3E-03	6.3E-05	9.5E-06	1.8E-07	3.0E-07	5.6E-07	9.5E-07	7.2E-07	1.2E-06
468	8.01E-02	6.28E-04	7.2E-02	2.2E-04	2.8E-05	5.2E-04	4.4E-05	5.3E-03	9.5E-04	6.4E-05	8.7E-06	1.9E-07	3.2E-07	5.8E-07	9.8E-07	7.3E-07	1.2E-06
469	6.59E-02	5.57E-04	6.0E-02	2.4E-04	2.8E-05	4.2E-04	3.6E-05	3.6E-03	6.6E-04	7.0E-05	9.4E-06	1.9E-07	3.3E-07	6.0E-07	1.0E-06	7.4E-07	1.3E-06
470	5.59E-02	5.00E-04	5.2E-02	2.5E-04	3.0E-05	3.7E-04	3.2E-05	2.5E-03	4.6E-04	8.0E-05	1.3E-05	2.0E-07	3.4E-07	6.1E-07	1.0E-06	7.5E-07	1.3E-06
471	4.85E-02	4.54E-04	4.5E-02	2.6E-04	3.1E-05	3.3E-04	2.9E-05	1.9E-03	3.4E-04	8.7E-05	1.5E-05	2.1E-07	3.5E-07	6.3E-07	1.1E-06	7.7E-07	1.3E-06
472	4.24E-02	4.12E-04	4.0E-02	2.7E-04	3.1E-05	3.1E-04	2.6E-05	1.4E-03	2.5E-04	8.6E-05	1.3E-05	2.2E-07	3.7E-07	6.5E-07	1.1E-06	7.8E-07	1.3E-06
473	3.75E-02	3.77E-04	3.5E-02	2.7E-04	3.1E-05	2.8E-04	2.5E-05	1.1E-03	1.9E-04	8.2E-05	1.2E-05	2.3E-07	3.9E-07	6.7E-07	1.1E-06	7.9E-07	1.3E-06
474	3.36E-02	3.47E-04	3.2E-02	2.6E-04	3.0E-05	2.6E-04	2.3E-05	8.5E-04	1.5E-04	7.9E-05	1.1E-05	2.4E-07	4.0E-07	6.9E-07	1.2E-06	8.0E-07	1.4E-06
475	3.03E-02	3.21E-04	2.9E-02	2.6E-04	2.9E-05	2.5E-04	2.2E-05	6.9E-04	1.2E-04	8.0E-05	1.2E-05	2.5E-07	4.2E-07	7.1E-07	1.2E-06	8.2E-07	1.4E-06
476	9.20E-02	6.72E-04	8.4E-02	3.0E-04	4.1E-05	3.4E-04	2.6E-05	3.7E-03	3.1E-03	5.6E-05	8.1E-06	1.8E-07	3.0E-07	5.6E-07	9.5E-07	7.2E-07	1.2E-06
477	7.84E-02	5.92E-04	6.9E-02	3.3E-04	4.3E-05	3.2E-04	2.5E-05	6.4E-03	1.8E-03	5.8E-05	7.6E-06	1.8E-07	3.1E-07	5.7E-07	9.7E-07	7.4E-07	1.2E-06
478	6.52E-02	5.27E-04	5.8E-02	3.6E-04	4.7E-05	2.9E-04	2.4E-05	4.9E-03	9.7E-04	6.4E-05	8.9E-06	1.9E-07	3.2E-07	5.9E-07	1.0E-06	7.5E-07	1.3E-06
479	5.50E-02	4.75E-04	5.0E-02	3.8E-04	4.9E-05	2.7E-04	2.3E-05	3.2E-03	6.1E-04	7.3E-05	1.2E-05	2.0E-07	3.4E-07	6.1E-07	1.0E-06	7.6E-07	1.3E-06
480	4.77E-02	4.33E-04	4.4E-02	3.9E-04	4.9E-05	2.6E-04	2.2E-05	2.2E-03	4.1E-04	7.8E-05	1.3E-05	2.1E-07	3.5E-07	6.2E-07	1.1E-06	7.8E-07	1.3E-06
481	4.17E-02	3.94E-04	3.9E-02	3.8E-04	4.7E-05	2.4E-04	2.1E-05	1.6E-03	2.9E-04	7.6E-05	1.1E-05	2.1E-07	3.6E-07	6.4E-07	1.1E-06	7.9E-07	1.3E-06
482	3.69E-02	3.61E-04	3.4E-02	3.7E-04	4.4E-05	2.3E-04	2.0E-05	1.2E-03	2.2E-04	7.2E-05	1.0E-05	2.2E-07	3.8E-07	6.6E-07	1.1E-06	8.0E-07	1.4E-06
483	3.31E-02	3.33E-04	3.1E-02	3.6E-04	4.1E-05	2.2E-04	1.9E-05	9.6E-04	1.7E-04	7.0E-05	9.9E-06	2.3E-07	3.9E-07	6.8E-07	1.2E-06	8.2E-07	1.4E-06
484	2.99E-02	3.09E-04	2.8E-02	3.4E-04	3.9E-05	2.0E-04	1.8E-05	7.7E-04	1.4E-04	7.1E-05	1.1E-05	2.4E-07	4.1E-07	7.1E-07	1.2E-06	8.3E-07	1.4E-06
485	2.72E-02	2.88E-04	2.6E-02	3.3E-04	3.7E-05	1.9E-04	1.7E-05	6.3E-04	1.1E-04	7.3E-05	1.1E-05	2.6E-07	4.3E-07	7.3E-07	1.2E-06	8.5E-07	1.4E-06
486	2.50E-02	2.69E-04	2.3E-02	3.2E-04	3.5E-05	1.8E-04	1.6E-05	5.3E-04	9.4E-05	7.4E-05	1.1E-05	2.7E-07	4.5E-07	7.5E-07	1.3E-06	8.6E-07	1.5E-06
487	8.55E-02	6.24E-04	7.4E-02	3.9E-04	8.1E-05	2.2E-04	1.7E-05	6.9E-03	3.5E-03	5.0E-05	7.0E-06	1.8E-07	3.0E-07	5.6E-07	9.4E-07	7.3E-07	1.2E-06
488	7.46E-02	5.52E-04	6.2E-02	5.4E-04	1.1E-04	2.2E-04	1.8E-05	9.2E-03	1.9E-03	5.3E-05	6.8E-06	1.8E-07	3.1E-07	5.7E-07	9.6E-07	7.5E-07	1.3E-06
489	6.11E-02	4.94E-04	5.3E-02	7.7E-04	1.1E-04	2.1E-04	1.8E-05	5.3E-03	1.0E-03	6.0E-05	8.6E-06	1.9E-07	3.2E-07	5.9E-07	9.9E-07	7.6E-07	1.3E-06
490	5.19E-02	4.47E-04	4.6E-02	7.2E-04	9.6E-05	2.1E-04	1.8E-05	3.4E-03	6.4E-04	6.7E-05	1.1E-05	2.0E-07	3.3E-07	6.0E-07	1.0E-06	7.7E-07	1.3E-06
491	4.51E-02	4.08E-04	4.1E-02	6.6E-04	8.5E-05	2.0E-04	1.7E-05	2.3E-03	4.4E-04	7.0E-05	1.2E-05	2.0E-07	3.4E-07	6.2E-07	1.0E-06	7.9E-07	1.3E-06

Berkley WTPF

PM2.5 Mitigated Concentration

Receptor #	Conc.	*Dredging*	*Peir*	*University*		*Seawall*		*Plaza*		*Boatlaunch*		*Haul1*		*Haul2*		*Haul3*	
		Exhaust	*Exhaust*	*Exhaust*	*Fugitive*	*Exhaust*	*Fugitive*	*Exhaust*	*Fugitive*	*Exhaust*	*Fugitive*	*Exhaust*	*Fugitive*	*Exhaust*	*Fugitive*	*Exhaust*	*Fugitive*
1	0.02																
Max (park)	0.10																
Total	0.12																
	Emissions:	5.48E-04	0.02	5.72718E-05	7.15897E-06	6.37E-05	0.00	5.72718E-05	9.55E-06	5.73E-05	9.55E-06	6.65E-07	1.12E-06	2.87E-06	4.85E-06	2.86E-06	4.82E-06
492	3.99E-02	3.74E-04	3.7E-02	6.1E-04	7.5E-05	1.9E-04	1.6E-05	1.7E-03	3.2E-04	6.8E-05	1.0E-05	2.1E-07	3.6E-07	6.4E-07	1.1E-06	8.0E-07	1.4E-06
493	3.56E-02	3.45E-04	3.3E-02	5.6E-04	6.7E-05	1.8E-04	1.6E-05	1.3E-03	2.4E-04	6.4E-05	9.0E-06	2.2E-07	3.7E-07	6.6E-07	1.1E-06	8.2E-07	1.4E-06
494	3.20E-02	3.19E-04	3.0E-02	5.2E-04	6.0E-05	1.8E-04	1.5E-05	1.0E-03	1.9E-04	6.2E-05	8.8E-06	2.3E-07	3.9E-07	6.8E-07	1.1E-06	8.3E-07	1.4E-06
495	2.90E-02	2.96E-04	2.7E-02	4.8E-04	5.5E-05	1.7E-04	1.5E-05	8.1E-04	1.5E-04	6.3E-05	9.3E-06	2.4E-07	4.0E-07	7.0E-07	1.2E-06	8.5E-07	1.4E-06
496	2.65E-02	2.77E-04	2.5E-02	4.5E-04	5.0E-05	1.6E-04	1.4E-05	6.7E-04	1.2E-04	6.5E-05	9.9E-06	2.5E-07	4.2E-07	7.2E-07	1.2E-06	8.6E-07	1.5E-06
497	2.43E-02	2.59E-04	2.3E-02	4.3E-04	4.6E-05	1.5E-04	1.4E-05	5.6E-04	1.0E-04	6.6E-05	1.0E-05	2.6E-07	4.4E-07	7.4E-07	1.3E-06	8.8E-07	1.5E-06
498	2.24E-02	2.44E-04	2.1E-02	4.0E-04	4.3E-05	1.5E-04	1.3E-05	4.7E-04	8.5E-05	6.6E-05	1.0E-05	2.7E-07	4.6E-07	7.7E-07	1.3E-06	8.9E-07	1.5E-06
499	2.08E-02	2.30E-04	1.9E-02	3.8E-04	4.0E-05	1.4E-04	1.3E-05	4.0E-04	7.3E-05	6.4E-05	9.6E-06	2.9E-07	4.9E-07	8.0E-07	1.3E-06	9.1E-07	1.5E-06
500	5.44E-02	4.61E-04	4.7E-02	7.5E-04	2.8E-04	1.7E-04	1.4E-05	4.4E-03	8.5E-04	5.5E-05	8.4E-06	1.9E-07	3.1E-07	5.8E-07	9.8E-07	7.7E-07	1.3E-06
501	4.72E-02	4.18E-04	4.2E-02	9.5E-04	2.5E-04	1.6E-04	1.4E-05	3.0E-03	5.6E-04	6.1E-05	1.1E-05	1.9E-07	3.2E-07	6.0E-07	1.0E-06	7.8E-07	1.3E-06
502	4.17E-02	3.83E-04	3.7E-02	1.0E-03	1.8E-04	1.6E-04	1.3E-05	2.1E-03	4.0E-04	6.3E-05	1.0E-05	2.0E-07	3.4E-07	6.1E-07	1.0E-06	8.0E-07	1.3E-06
503	3.75E-02	3.54E-04	3.4E-02	1.2E-03	1.4E-04	1.6E-04	1.3E-05	1.6E-03	3.0E-04	6.0E-05	8.9E-06	2.1E-07	3.5E-07	6.3E-07	1.1E-06	8.1E-07	1.4E-06
504	3.37E-02	3.27E-04	3.1E-02	9.9E-04	1.2E-04	1.5E-04	1.3E-05	1.2E-03	2.3E-04	5.7E-05	8.0E-06	2.2E-07	3.6E-07	6.5E-07	1.1E-06	8.3E-07	1.4E-06
505	3.05E-02	3.04E-04	2.8E-02	8.5E-04	9.9E-05	1.5E-04	1.3E-05	9.8E-04	1.8E-04	5.6E-05	7.9E-06	2.2E-07	3.8E-07	6.7E-07	1.1E-06	8.4E-07	1.4E-06
506	2.77E-02	2.83E-04	2.5E-02	7.5E-04	8.5E-05	1.4E-04	1.2E-05	8.0E-04	1.5E-04	5.6E-05	8.3E-06	2.3E-07	4.0E-07	6.9E-07	1.2E-06	8.6E-07	1.5E-06
507	2.54E-02	2.65E-04	2.3E-02	6.8E-04	7.4E-05	1.4E-04	1.2E-05	6.6E-04	1.2E-04	5.8E-05	8.8E-06	2.5E-07	4.1E-07	7.1E-07	1.2E-06	8.8E-07	1.5E-06
508	2.34E-02	2.49E-04	2.2E-02	6.1E-04	6.6E-05	1.3E-04	1.2E-05	5.5E-04	9.9E-05	5.9E-05	9.1E-06	2.6E-07	4.3E-07	7.4E-07	1.2E-06	8.9E-07	1.5E-06
509	2.17E-02	2.34E-04	2.0E-02	5.6E-04	5.9E-05	1.3E-04	1.1E-05	4.7E-04	8.4E-05	5.9E-05	9.2E-06	2.7E-07	4.5E-07	7.6E-07	1.3E-06	9.1E-07	1.5E-06
510	2.01E-02	2.21E-04	1.9E-02	5.2E-04	5.3E-05	1.2E-04	1.1E-05	4.0E-04	7.2E-05	5.8E-05	8.7E-06	2.8E-07	4.8E-07	7.9E-07	1.3E-06	9.3E-07	1.6E-06
511	1.88E-02	2.10E-04	1.7E-02	4.8E-04	4.9E-05	1.2E-04	1.0E-05	3.5E-04	6.2E-05	5.7E-05	8.5E-06	3.0E-07	5.0E-07	8.2E-07	1.4E-06	9.4E-07	1.6E-06
512	3.09E-02	3.08E-04	2.8E-02	1.1E-03	2.8E-04	1.3E-04	1.1E-05	1.1E-03	1.9E-04	5.1E-05	7.2E-06	2.1E-07	3.6E-07	6.5E-07	1.1E-06	8.4E-07	1.4E-06
513	2.89E-02	2.88E-04	2.6E-02	1.6E-03	2.1E-04	1.3E-04	1.1E-05	8.6E-04	1.6E-04	5.0E-05	7.1E-06	2.2E-07	3.7E-07	6.6E-07	1.1E-06	8.6E-07	1.4E-06
514	2.65E-02	2.69E-04	2.4E-02	1.4E-03	1.6E-04	1.2E-04	1.1E-05	7.2E-04	1.3E-04	5.1E-05	7.5E-06	2.3E-07	3.9E-07	6.8E-07	1.2E-06	8.7E-07	1.5E-06
515	2.43E-02	2.53E-04	2.2E-02	1.2E-03	1.3E-04	1.2E-04	1.0E-05	6.0E-04	1.1E-04	5.2E-05	7.9E-06	2.4E-07	4.1E-07	7.1E-07	1.2E-06	8.9E-07	1.5E-06
516	2.25E-02	2.38E-04	2.0E-02	1.0E-03	1.1E-04	1.1E-04	1.0E-05	5.1E-04	9.1E-05	5.3E-05	8.2E-06	2.5E-07	4.3E-07	7.3E-07	1.2E-06	9.1E-07	1.5E-06
517	2.08E-02	2.24E-04	1.9E-02	8.7E-04	9.0E-05	1.1E-04	9.7E-06	4.4E-04	7.8E-05	5.4E-05	8.3E-06	2.6E-07	4.5E-07	7.5E-07	1.3E-06	9.2E-07	1.6E-06
518	1.94E-02	2.12E-04	1.8E-02	7.7E-04	7.8E-05	1.1E-04	9.4E-06	3.8E-04	6.7E-05	5.3E-05	8.0E-06	2.8E-07	4.7E-07	7.8E-07	1.3E-06	9.4E-07	1.6E-06
519	1.81E-02	2.01E-04	1.7E-02	7.0E-04	6.8E-05	1.0E-04	9.1E-06	3.3E-04	5.8E-05	5.2E-05	7.6E-06	2.9E-07	4.9E-07	8.1E-07	1.4E-06	9.6E-07	1.6E-06
520	4.85E-02	4.75E-04	4.4E-02	3.3E-04	4.6E-05	1.1E-04	9.4E-06	2.6E-03	4.2E-04	3.9E-05	4.9E-06	1.7E-07	2.8E-07	5.4E-07	9.2E-07	7.5E-07	1.3E-06
521	4.36E-02	4.30E-04	4.0E-02	4.7E-04	6.5E-05	1.1E-04	9.7E-06	2.2E-03	3.7E-04	4.3E-05	5.9E-06	1.7E-07	2.9E-07	5.6E-07	9.4E-07	7.7E-07	1.3E-06
522	3.94E-02	3.92E-04	3.6E-02	6.7E-04	9.0E-05	1.1E-04	9.8E-06	1.8E-03	3.1E-04	4.8E-05	7.9E-06	1.8E-07	3.0E-07	5.7E-07	9.7E-07	7.8E-07	1.3E-06
523	2.27E-02	2.39E-04	2.0E-02	1.2E-03	3.7E-04	1.0E-04	9.0E-06	5.2E-04	9.2E-05	4.7E-05	7.2E-06	2.4E-07	4.0E-07	7.0E-07	1.2E-06	9.0E-07	1.5E-06
524	2.14E-02	2.26E-04	1.9E-02	1.4E-03	2.4E-04	9.9E-05	8.7E-06	4.5E-04	8.0E-05	4.8E-05	7.4E-06	2.5E-07	4.2E-07	7.2E-07	1.2E-06	9.2E-07	1.6E-06
525	2.02E-02	2.14E-04	1.8E-02	1.5E-03	1.7E-04	9.6E-05	8.4E-06	3.9E-04	7.0E-05	4.9E-05	7.5E-06	2.6E-07	4.4E-07	7.5E-07	1.3E-06	9.4E-07	1.6E-06
526	1.89E-02	2.03E-04	1.7E-02	1.4E-03	1.4E-04	9.3E-05	8.2E-06	3.5E-04	6.1E-05	4.8E-05	7.4E-06	2.7E-07	4.6E-07	7.7E-07	1.3E-06	9.6E-07	1.6E-06
527	1.76E-02	1.93E-04	1.6E-02	1.2E-03	1.1E-04	9.0E-05	8.0E-06	3.1E-04	5.4E-05	4.7E-05	7.0E-06	2.8E-07	4.8E-07	8.0E-07	1.3E-06	9.8E-07	1.7E-06
0	0.00E+00	0.00E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00

Berkley WTPF
DREDG Mitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
					Residence					
1	0.42894	5.70E-04	2.4E-04	1.05E-03	2.56E-07	2.27E-01	1.57E-01	9.14E-09	1.0E+06	9.1E-03
2	0.41075	5.70E-04	2.3E-04	1.05E-03	2.45E-07	2.27E-01	1.57E-01	8.75E-09	1.0E+06	8.7E-03
3	0.39326	5.70E-04	2.2E-04	1.05E-03	2.34E-07	2.27E-01	1.57E-01	8.38E-09	1.0E+06	8.4E-03
4	0.3765	5.70E-04	2.1E-04	1.05E-03	2.24E-07	2.27E-01	1.57E-01	8.02E-09	1.0E+06	8.0E-03
5	0.36025	5.70E-04	2.1E-04	1.05E-03	2.15E-07	2.27E-01	1.57E-01	7.67E-09	1.0E+06	7.7E-03
6	0.34503	5.70E-04	2.0E-04	1.05E-03	2.06E-07	2.27E-01	1.57E-01	7.35E-09	1.0E+06	7.3E-03
7	0.33068	5.70E-04	1.9E-04	1.05E-03	1.97E-07	2.27E-01	1.57E-01	7.04E-09	1.0E+06	7.0E-03
8	0.31757	5.70E-04	1.8E-04	1.05E-03	1.89E-07	2.27E-01	1.57E-01	6.76E-09	1.0E+06	6.8E-03
9	0.40215	5.70E-04	2.3E-04	1.05E-03	2.40E-07	2.27E-01	1.57E-01	8.56E-09	1.0E+06	8.6E-03
10	0.38855	5.70E-04	2.2E-04	1.05E-03	2.32E-07	2.27E-01	1.57E-01	8.27E-09	1.0E+06	8.3E-03
11	0.37341	5.70E-04	2.1E-04	1.05E-03	2.23E-07	2.27E-01	1.57E-01	7.95E-09	1.0E+06	8.0E-03
12	0.35898	5.70E-04	2.0E-04	1.05E-03	2.14E-07	2.27E-01	1.57E-01	7.65E-09	1.0E+06	7.6E-03
13	0.34538	5.70E-04	2.0E-04	1.05E-03	2.06E-07	2.27E-01	1.57E-01	7.36E-09	1.0E+06	7.4E-03
14	0.33253	5.70E-04	1.9E-04	1.05E-03	1.98E-07	2.27E-01	1.57E-01	7.08E-09	1.0E+06	7.1E-03
15	0.32036	5.70E-04	1.8E-04	1.05E-03	1.91E-07	2.27E-01	1.57E-01	6.82E-09	1.0E+06	6.8E-03
16	0.30879	5.70E-04	1.8E-04	1.05E-03	1.84E-07	2.27E-01	1.57E-01	6.58E-09	1.0E+06	6.6E-03
17	0.29775	5.70E-04	1.7E-04	1.05E-03	1.77E-07	2.27E-01	1.57E-01	6.34E-09	1.0E+06	6.3E-03
18	0.28682	5.70E-04	1.6E-04	1.05E-03	1.71E-07	2.27E-01	1.57E-01	6.11E-09	1.0E+06	6.1E-03
19	0.27598	5.70E-04	1.6E-04	1.05E-03	1.64E-07	2.27E-01	1.57E-01	5.88E-09	1.0E+06	5.9E-03
20	0.26633	5.70E-04	1.5E-04	1.05E-03	1.59E-07	2.27E-01	1.57E-01	5.67E-09	1.0E+06	5.7E-03
21	0.36512	5.70E-04	2.1E-04	1.05E-03	2.18E-07	2.27E-01	1.57E-01	7.78E-09	1.0E+06	7.8E-03
22	0.35402	5.70E-04	2.0E-04	1.05E-03	2.11E-07	2.27E-01	1.57E-01	7.54E-09	1.0E+06	7.5E-03
23	0.34149	5.70E-04	1.9E-04	1.05E-03	2.04E-07	2.27E-01	1.57E-01	7.27E-09	1.0E+06	7.3E-03
24	0.32951	5.70E-04	1.9E-04	1.05E-03	1.96E-07	2.27E-01	1.57E-01	7.02E-09	1.0E+06	7.0E-03
25	0.31817	5.70E-04	1.8E-04	1.05E-03	1.90E-07	2.27E-01	1.57E-01	6.78E-09	1.0E+06	6.8E-03
26	0.30743	5.70E-04	1.8E-04	1.05E-03	1.83E-07	2.27E-01	1.57E-01	6.55E-09	1.0E+06	6.5E-03
27	0.29724	5.70E-04	1.7E-04	1.05E-03	1.77E-07	2.27E-01	1.57E-01	6.33E-09	1.0E+06	6.3E-03
28	0.28753	5.70E-04	1.6E-04	1.05E-03	1.71E-07	2.27E-01	1.57E-01	6.12E-09	1.0E+06	6.1E-03
29	0.27822	5.70E-04	1.6E-04	1.05E-03	1.66E-07	2.27E-01	1.57E-01	5.93E-09	1.0E+06	5.9E-03
30	0.26927	5.70E-04	1.5E-04	1.05E-03	1.60E-07	2.27E-01	1.57E-01	5.73E-09	1.0E+06	5.7E-03

	Max	Receptor #
Res	0.009	1
Park	0.009	459
Total	0.02	1

Berkley WTPF
DREDG Mitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
31	0.26063	5.70E-04	1.5E-04	1.05E-03	1.55E-07	2.27E-01	1.57E-01	5.55E-09	1.0E+06	5.6E-03
32	0.25231	5.70E-04	1.4E-04	1.05E-03	1.50E-07	2.27E-01	1.57E-01	5.37E-09	1.0E+06	5.4E-03
33	0.24429	5.70E-04	1.4E-04	1.05E-03	1.46E-07	2.27E-01	1.57E-01	5.20E-09	1.0E+06	5.2E-03
34	0.23658	5.70E-04	1.3E-04	1.05E-03	1.41E-07	2.27E-01	1.57E-01	5.04E-09	1.0E+06	5.0E-03
35	0.22919	5.70E-04	1.3E-04	1.05E-03	1.37E-07	2.27E-01	1.57E-01	4.88E-09	1.0E+06	4.9E-03
36	0.22179	5.70E-04	1.3E-04	1.05E-03	1.32E-07	2.27E-01	1.57E-01	4.72E-09	1.0E+06	4.7E-03
37	0.33582	5.70E-04	1.9E-04	1.05E-03	2.00E-07	2.27E-01	1.57E-01	7.15E-09	1.0E+06	7.2E-03
38	0.32533	5.70E-04	1.9E-04	1.05E-03	1.94E-07	2.27E-01	1.57E-01	6.93E-09	1.0E+06	6.9E-03
39	0.31468	5.70E-04	1.8E-04	1.05E-03	1.88E-07	2.27E-01	1.57E-01	6.70E-09	1.0E+06	6.7E-03
40	0.30448	5.70E-04	1.7E-04	1.05E-03	1.81E-07	2.27E-01	1.57E-01	6.48E-09	1.0E+06	6.5E-03
41	0.29478	5.70E-04	1.7E-04	1.05E-03	1.76E-07	2.27E-01	1.57E-01	6.28E-09	1.0E+06	6.3E-03
42	0.28556	5.70E-04	1.6E-04	1.05E-03	1.70E-07	2.27E-01	1.57E-01	6.08E-09	1.0E+06	6.1E-03
43	0.27681	5.70E-04	1.6E-04	1.05E-03	1.65E-07	2.27E-01	1.57E-01	5.90E-09	1.0E+06	5.9E-03
44	0.26849	5.70E-04	1.5E-04	1.05E-03	1.60E-07	2.27E-01	1.57E-01	5.72E-09	1.0E+06	5.7E-03
45	0.26051	5.70E-04	1.5E-04	1.05E-03	1.55E-07	2.27E-01	1.57E-01	5.55E-09	1.0E+06	5.5E-03
46	0.25283	5.70E-04	1.4E-04	1.05E-03	1.51E-07	2.27E-01	1.57E-01	5.38E-09	1.0E+06	5.4E-03
47	0.24541	5.70E-04	1.4E-04	1.05E-03	1.46E-07	2.27E-01	1.57E-01	5.23E-09	1.0E+06	5.2E-03
48	0.23821	5.70E-04	1.4E-04	1.05E-03	1.42E-07	2.27E-01	1.57E-01	5.07E-09	1.0E+06	5.1E-03
49	0.23124	5.70E-04	1.3E-04	1.05E-03	1.38E-07	2.27E-01	1.57E-01	4.92E-09	1.0E+06	4.9E-03
50	0.22448	5.70E-04	1.3E-04	1.05E-03	1.34E-07	2.27E-01	1.57E-01	4.78E-09	1.0E+06	4.8E-03
51	0.21796	5.70E-04	1.2E-04	1.05E-03	1.30E-07	2.27E-01	1.57E-01	4.64E-09	1.0E+06	4.6E-03
52	0.21158	5.70E-04	1.2E-04	1.05E-03	1.26E-07	2.27E-01	1.57E-01	4.51E-09	1.0E+06	4.5E-03
53	0.20534	5.70E-04	1.2E-04	1.05E-03	1.22E-07	2.27E-01	1.57E-01	4.37E-09	1.0E+06	4.4E-03
54	0.19957	5.70E-04	1.1E-04	1.05E-03	1.19E-07	2.27E-01	1.57E-01	4.25E-09	1.0E+06	4.3E-03
55	0.19387	5.70E-04	1.1E-04	1.05E-03	1.16E-07	2.27E-01	1.57E-01	4.13E-09	1.0E+06	4.1E-03
56	0.31827	5.70E-04	1.8E-04	1.05E-03	1.90E-07	2.27E-01	1.57E-01	6.78E-09	1.0E+06	6.8E-03
57	0.31016	5.70E-04	1.8E-04	1.05E-03	1.85E-07	2.27E-01	1.57E-01	6.61E-09	1.0E+06	6.6E-03
58	0.30098	5.70E-04	1.7E-04	1.05E-03	1.79E-07	2.27E-01	1.57E-01	6.41E-09	1.0E+06	6.4E-03
59	0.29195	5.70E-04	1.7E-04	1.05E-03	1.74E-07	2.27E-01	1.57E-01	6.22E-09	1.0E+06	6.2E-03
60	0.28318	5.70E-04	1.6E-04	1.05E-03	1.69E-07	2.27E-01	1.57E-01	6.03E-09	1.0E+06	6.0E-03
61	0.27475	5.70E-04	1.6E-04	1.05E-03	1.64E-07	2.27E-01	1.57E-01	5.85E-09	1.0E+06	5.9E-03

Berkley WTPF
DREDG Mitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
62	0.26668	5.70E-04	1.5E-04	1.05E-03	1.59E-07	2.27E-01	1.57E-01	5.68E-09	1.0E+06	5.7E-03
63	0.259	5.70E-04	1.5E-04	1.05E-03	1.54E-07	2.27E-01	1.57E-01	5.52E-09	1.0E+06	5.5E-03
64	0.25169	5.70E-04	1.4E-04	1.05E-03	1.50E-07	2.27E-01	1.57E-01	5.36E-09	1.0E+06	5.4E-03
65	0.24471	5.70E-04	1.4E-04	1.05E-03	1.46E-07	2.27E-01	1.57E-01	5.21E-09	1.0E+06	5.2E-03
66	0.23801	5.70E-04	1.4E-04	1.05E-03	1.42E-07	2.27E-01	1.57E-01	5.07E-09	1.0E+06	5.1E-03
67	0.23153	5.70E-04	1.3E-04	1.05E-03	1.38E-07	2.27E-01	1.57E-01	4.93E-09	1.0E+06	4.9E-03
68	0.22524	5.70E-04	1.3E-04	1.05E-03	1.34E-07	2.27E-01	1.57E-01	4.80E-09	1.0E+06	4.8E-03
69	0.21913	5.70E-04	1.2E-04	1.05E-03	1.31E-07	2.27E-01	1.57E-01	4.67E-09	1.0E+06	4.7E-03
70	0.21318	5.70E-04	1.2E-04	1.05E-03	1.27E-07	2.27E-01	1.57E-01	4.54E-09	1.0E+06	4.5E-03
71	0.20741	5.70E-04	1.2E-04	1.05E-03	1.24E-07	2.27E-01	1.57E-01	4.42E-09	1.0E+06	4.4E-03
72	0.20181	5.70E-04	1.2E-04	1.05E-03	1.20E-07	2.27E-01	1.57E-01	4.30E-09	1.0E+06	4.3E-03
73	0.19639	5.70E-04	1.1E-04	1.05E-03	1.17E-07	2.27E-01	1.57E-01	4.18E-09	1.0E+06	4.2E-03
74	0.19118	5.70E-04	1.1E-04	1.05E-03	1.14E-07	2.27E-01	1.57E-01	4.07E-09	1.0E+06	4.1E-03
75	0.186	5.70E-04	1.1E-04	1.05E-03	1.11E-07	2.27E-01	1.57E-01	3.96E-09	1.0E+06	4.0E-03
76	0.29403	5.70E-04	1.7E-04	1.05E-03	1.75E-07	2.27E-01	1.57E-01	6.26E-09	1.0E+06	6.3E-03
77	0.2875	5.70E-04	1.6E-04	1.05E-03	1.71E-07	2.27E-01	1.57E-01	6.12E-09	1.0E+06	6.1E-03
78	0.27992	5.70E-04	1.6E-04	1.05E-03	1.67E-07	2.27E-01	1.57E-01	5.96E-09	1.0E+06	6.0E-03
79	0.27232	5.70E-04	1.6E-04	1.05E-03	1.62E-07	2.27E-01	1.57E-01	5.80E-09	1.0E+06	5.8E-03
80	0.26481	5.70E-04	1.5E-04	1.05E-03	1.58E-07	2.27E-01	1.57E-01	5.64E-09	1.0E+06	5.6E-03
81	0.25746	5.70E-04	1.5E-04	1.05E-03	1.53E-07	2.27E-01	1.57E-01	5.48E-09	1.0E+06	5.5E-03
82	0.25035	5.70E-04	1.4E-04	1.05E-03	1.49E-07	2.27E-01	1.57E-01	5.33E-09	1.0E+06	5.3E-03
83	0.24352	5.70E-04	1.4E-04	1.05E-03	1.45E-07	2.27E-01	1.57E-01	5.19E-09	1.0E+06	5.2E-03
84	0.237	5.70E-04	1.4E-04	1.05E-03	1.41E-07	2.27E-01	1.57E-01	5.05E-09	1.0E+06	5.0E-03
85	0.23077	5.70E-04	1.3E-04	1.05E-03	1.38E-07	2.27E-01	1.57E-01	4.91E-09	1.0E+06	4.9E-03
86	0.2248	5.70E-04	1.3E-04	1.05E-03	1.34E-07	2.27E-01	1.57E-01	4.79E-09	1.0E+06	4.8E-03
87	0.21905	5.70E-04	1.2E-04	1.05E-03	1.31E-07	2.27E-01	1.57E-01	4.67E-09	1.0E+06	4.7E-03
88	0.21347	5.70E-04	1.2E-04	1.05E-03	1.27E-07	2.27E-01	1.57E-01	4.55E-09	1.0E+06	4.5E-03
89	0.20805	5.70E-04	1.2E-04	1.05E-03	1.24E-07	2.27E-01	1.57E-01	4.43E-09	1.0E+06	4.4E-03
90	0.20276	5.70E-04	1.2E-04	1.05E-03	1.21E-07	2.27E-01	1.57E-01	4.32E-09	1.0E+06	4.3E-03
91	0.19761	5.70E-04	1.1E-04	1.05E-03	1.18E-07	2.27E-01	1.57E-01	4.21E-09	1.0E+06	4.2E-03
92	0.1926	5.70E-04	1.1E-04	1.05E-03	1.15E-07	2.27E-01	1.57E-01	4.10E-09	1.0E+06	4.1E-03

Berkley WTPF
DREDG Mitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
93	0.18773	5.70E-04	1.1E-04	1.05E-03	1.12E-07	2.27E-01	1.57E-01	4.00E-09	1.0E+06	4.0E-03
94	0.18301	5.70E-04	1.0E-04	1.05E-03	1.09E-07	2.27E-01	1.57E-01	3.90E-09	1.0E+06	3.9E-03
95	0.17845	5.70E-04	1.0E-04	1.05E-03	1.06E-07	2.27E-01	1.57E-01	3.80E-09	1.0E+06	3.8E-03
96	0.17406	5.70E-04	9.9E-05	1.05E-03	1.04E-07	2.27E-01	1.57E-01	3.71E-09	1.0E+06	3.7E-03
97	0.16985	5.70E-04	9.7E-05	1.05E-03	1.01E-07	2.27E-01	1.57E-01	3.62E-09	1.0E+06	3.6E-03
98	0.27299	5.70E-04	1.6E-04	1.05E-03	1.63E-07	2.27E-01	1.57E-01	5.81E-09	1.0E+06	5.8E-03
99	0.26769	5.70E-04	1.5E-04	1.05E-03	1.60E-07	2.27E-01	1.57E-01	5.70E-09	1.0E+06	5.7E-03
100	0.26142	5.70E-04	1.5E-04	1.05E-03	1.56E-07	2.27E-01	1.57E-01	5.57E-09	1.0E+06	5.6E-03
101	0.25506	5.70E-04	1.5E-04	1.05E-03	1.52E-07	2.27E-01	1.57E-01	5.43E-09	1.0E+06	5.4E-03
102	0.24867	5.70E-04	1.4E-04	1.05E-03	1.48E-07	2.27E-01	1.57E-01	5.30E-09	1.0E+06	5.3E-03
103	0.24231	5.70E-04	1.4E-04	1.05E-03	1.44E-07	2.27E-01	1.57E-01	5.16E-09	1.0E+06	5.2E-03
104	0.23606	5.70E-04	1.3E-04	1.05E-03	1.41E-07	2.27E-01	1.57E-01	5.03E-09	1.0E+06	5.0E-03
105	0.22998	5.70E-04	1.3E-04	1.05E-03	1.37E-07	2.27E-01	1.57E-01	4.90E-09	1.0E+06	4.9E-03
106	0.22412	5.70E-04	1.3E-04	1.05E-03	1.34E-07	2.27E-01	1.57E-01	4.77E-09	1.0E+06	4.8E-03
107	0.2185	5.70E-04	1.2E-04	1.05E-03	1.30E-07	2.27E-01	1.57E-01	4.65E-09	1.0E+06	4.7E-03
108	0.2131	5.70E-04	1.2E-04	1.05E-03	1.27E-07	2.27E-01	1.57E-01	4.54E-09	1.0E+06	4.5E-03
109	0.20791	5.70E-04	1.2E-04	1.05E-03	1.24E-07	2.27E-01	1.57E-01	4.43E-09	1.0E+06	4.4E-03
110	0.2029	5.70E-04	1.2E-04	1.05E-03	1.21E-07	2.27E-01	1.57E-01	4.32E-09	1.0E+06	4.3E-03
111	0.19802	5.70E-04	1.1E-04	1.05E-03	1.18E-07	2.27E-01	1.57E-01	4.22E-09	1.0E+06	4.2E-03
112	0.19327	5.70E-04	1.1E-04	1.05E-03	1.15E-07	2.27E-01	1.57E-01	4.12E-09	1.0E+06	4.1E-03
113	0.18863	5.70E-04	1.1E-04	1.05E-03	1.12E-07	2.27E-01	1.57E-01	4.02E-09	1.0E+06	4.0E-03
114	0.1841	5.70E-04	1.0E-04	1.05E-03	1.10E-07	2.27E-01	1.57E-01	3.92E-09	1.0E+06	3.9E-03
115	0.17969	5.70E-04	1.0E-04	1.05E-03	1.07E-07	2.27E-01	1.57E-01	3.83E-09	1.0E+06	3.8E-03
116	0.1754	5.70E-04	1.0E-04	1.05E-03	1.05E-07	2.27E-01	1.57E-01	3.74E-09	1.0E+06	3.7E-03
117	0.17124	5.70E-04	9.8E-05	1.05E-03	1.02E-07	2.27E-01	1.57E-01	3.65E-09	1.0E+06	3.6E-03
118	0.16721	5.70E-04	9.5E-05	1.05E-03	9.97E-08	2.27E-01	1.57E-01	3.56E-09	1.0E+06	3.6E-03
119	0.16332	5.70E-04	9.3E-05	1.05E-03	9.73E-08	2.27E-01	1.57E-01	3.48E-09	1.0E+06	3.5E-03
120	0.15943	5.70E-04	9.1E-05	1.05E-03	9.50E-08	2.27E-01	1.57E-01	3.40E-09	1.0E+06	3.4E-03
121	0.25832	5.70E-04	1.5E-04	1.05E-03	1.54E-07	2.27E-01	1.57E-01	5.50E-09	1.0E+06	5.5E-03
122	0.25461	5.70E-04	1.5E-04	1.05E-03	1.52E-07	2.27E-01	1.57E-01	5.42E-09	1.0E+06	5.4E-03
123	0.25022	5.70E-04	1.4E-04	1.05E-03	1.49E-07	2.27E-01	1.57E-01	5.33E-09	1.0E+06	5.3E-03

Berkley WTPF
DREDG Mitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
124	0.24499	5.70E-04	1.4E-04	1.05E-03	1.46E-07	2.27E-01	1.57E-01	5.22E-09	1.0E+06	5.2E-03
125	0.23966	5.70E-04	1.4E-04	1.05E-03	1.43E-07	2.27E-01	1.57E-01	5.10E-09	1.0E+06	5.1E-03
126	0.23425	5.70E-04	1.3E-04	1.05E-03	1.40E-07	2.27E-01	1.57E-01	4.99E-09	1.0E+06	5.0E-03
127	0.2288	5.70E-04	1.3E-04	1.05E-03	1.36E-07	2.27E-01	1.57E-01	4.87E-09	1.0E+06	4.9E-03
128	0.22336	5.70E-04	1.3E-04	1.05E-03	1.33E-07	2.27E-01	1.57E-01	4.76E-09	1.0E+06	4.8E-03
129	0.21799	5.70E-04	1.2E-04	1.05E-03	1.30E-07	2.27E-01	1.57E-01	4.64E-09	1.0E+06	4.6E-03
130	0.21273	5.70E-04	1.2E-04	1.05E-03	1.27E-07	2.27E-01	1.57E-01	4.53E-09	1.0E+06	4.5E-03
131	0.20764	5.70E-04	1.2E-04	1.05E-03	1.24E-07	2.27E-01	1.57E-01	4.42E-09	1.0E+06	4.4E-03
132	0.20273	5.70E-04	1.2E-04	1.05E-03	1.21E-07	2.27E-01	1.57E-01	4.32E-09	1.0E+06	4.3E-03
133	0.198	5.70E-04	1.1E-04	1.05E-03	1.18E-07	2.27E-01	1.57E-01	4.22E-09	1.0E+06	4.2E-03
134	0.19343	5.70E-04	1.1E-04	1.05E-03	1.15E-07	2.27E-01	1.57E-01	4.12E-09	1.0E+06	4.1E-03
135	0.189	5.70E-04	1.1E-04	1.05E-03	1.13E-07	2.27E-01	1.57E-01	4.03E-09	1.0E+06	4.0E-03
136	0.18468	5.70E-04	1.1E-04	1.05E-03	1.10E-07	2.27E-01	1.57E-01	3.93E-09	1.0E+06	3.9E-03
137	0.18046	5.70E-04	1.0E-04	1.05E-03	1.08E-07	2.27E-01	1.57E-01	3.84E-09	1.0E+06	3.8E-03
138	0.17633	5.70E-04	1.0E-04	1.05E-03	1.05E-07	2.27E-01	1.57E-01	3.76E-09	1.0E+06	3.8E-03
139	0.1723	5.70E-04	9.8E-05	1.05E-03	1.03E-07	2.27E-01	1.57E-01	3.67E-09	1.0E+06	3.7E-03
140	0.16838	5.70E-04	9.6E-05	1.05E-03	1.00E-07	2.27E-01	1.57E-01	3.59E-09	1.0E+06	3.6E-03
141	0.16455	5.70E-04	9.4E-05	1.05E-03	9.81E-08	2.27E-01	1.57E-01	3.50E-09	1.0E+06	3.5E-03
142	0.16084	5.70E-04	9.2E-05	1.05E-03	9.59E-08	2.27E-01	1.57E-01	3.43E-09	1.0E+06	3.4E-03
143	0.15724	5.70E-04	9.0E-05	1.05E-03	9.37E-08	2.27E-01	1.57E-01	3.35E-09	1.0E+06	3.3E-03
144	0.15349	5.70E-04	8.8E-05	1.05E-03	9.15E-08	2.27E-01	1.57E-01	3.27E-09	1.0E+06	3.3E-03
145	0.24159	5.70E-04	1.4E-04	1.05E-03	1.44E-07	2.27E-01	1.57E-01	5.15E-09	1.0E+06	5.1E-03
146	0.23846	5.70E-04	1.4E-04	1.05E-03	1.42E-07	2.27E-01	1.57E-01	5.08E-09	1.0E+06	5.1E-03
147	0.23475	5.70E-04	1.3E-04	1.05E-03	1.40E-07	2.27E-01	1.57E-01	5.00E-09	1.0E+06	5.0E-03
148	0.23033	5.70E-04	1.3E-04	1.05E-03	1.37E-07	2.27E-01	1.57E-01	4.91E-09	1.0E+06	4.9E-03
149	0.22583	5.70E-04	1.3E-04	1.05E-03	1.35E-07	2.27E-01	1.57E-01	4.81E-09	1.0E+06	4.8E-03
150	0.22124	5.70E-04	1.3E-04	1.05E-03	1.32E-07	2.27E-01	1.57E-01	4.71E-09	1.0E+06	4.7E-03
151	0.21659	5.70E-04	1.2E-04	1.05E-03	1.29E-07	2.27E-01	1.57E-01	4.61E-09	1.0E+06	4.6E-03
152	0.21189	5.70E-04	1.2E-04	1.05E-03	1.26E-07	2.27E-01	1.57E-01	4.51E-09	1.0E+06	4.5E-03
153	0.20718	5.70E-04	1.2E-04	1.05E-03	1.23E-07	2.27E-01	1.57E-01	4.41E-09	1.0E+06	4.4E-03
154	0.20251	5.70E-04	1.2E-04	1.05E-03	1.21E-07	2.27E-01	1.57E-01	4.31E-09	1.0E+06	4.3E-03

Berkley WTPF
DREDG Mitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
155	0.19793	5.70E-04	1.1E-04	1.05E-03	1.18E-07	2.27E-01	1.57E-01	4.22E-09	1.0E+06	4.2E-03
156	0.19347	5.70E-04	1.1E-04	1.05E-03	1.15E-07	2.27E-01	1.57E-01	4.12E-09	1.0E+06	4.1E-03
157	0.18914	5.70E-04	1.1E-04	1.05E-03	1.13E-07	2.27E-01	1.57E-01	4.03E-09	1.0E+06	4.0E-03
158	0.18496	5.70E-04	1.1E-04	1.05E-03	1.10E-07	2.27E-01	1.57E-01	3.94E-09	1.0E+06	3.9E-03
159	0.18089	5.70E-04	1.0E-04	1.05E-03	1.08E-07	2.27E-01	1.57E-01	3.85E-09	1.0E+06	3.9E-03
160	0.17693	5.70E-04	1.0E-04	1.05E-03	1.05E-07	2.27E-01	1.57E-01	3.77E-09	1.0E+06	3.8E-03
161	0.17305	5.70E-04	9.9E-05	1.05E-03	1.03E-07	2.27E-01	1.57E-01	3.69E-09	1.0E+06	3.7E-03
162	0.16927	5.70E-04	9.7E-05	1.05E-03	1.01E-07	2.27E-01	1.57E-01	3.60E-09	1.0E+06	3.6E-03
163	0.16556	5.70E-04	9.4E-05	1.05E-03	9.87E-08	2.27E-01	1.57E-01	3.53E-09	1.0E+06	3.5E-03
164	0.16194	5.70E-04	9.2E-05	1.05E-03	9.65E-08	2.27E-01	1.57E-01	3.45E-09	1.0E+06	3.4E-03
165	0.1584	5.70E-04	9.0E-05	1.05E-03	9.44E-08	2.27E-01	1.57E-01	3.37E-09	1.0E+06	3.4E-03
166	0.15496	5.70E-04	8.8E-05	1.05E-03	9.24E-08	2.27E-01	1.57E-01	3.30E-09	1.0E+06	3.3E-03
167	0.15157	5.70E-04	8.6E-05	1.05E-03	9.03E-08	2.27E-01	1.57E-01	3.23E-09	1.0E+06	3.2E-03
168	0.22688	5.70E-04	1.3E-04	1.05E-03	1.35E-07	2.27E-01	1.57E-01	4.83E-09	1.0E+06	4.8E-03
169	0.22419	5.70E-04	1.3E-04	1.05E-03	1.34E-07	2.27E-01	1.57E-01	4.77E-09	1.0E+06	4.8E-03
170	0.221	5.70E-04	1.3E-04	1.05E-03	1.32E-07	2.27E-01	1.57E-01	4.71E-09	1.0E+06	4.7E-03
171	0.21719	5.70E-04	1.2E-04	1.05E-03	1.29E-07	2.27E-01	1.57E-01	4.63E-09	1.0E+06	4.6E-03
172	0.21334	5.70E-04	1.2E-04	1.05E-03	1.27E-07	2.27E-01	1.57E-01	4.54E-09	1.0E+06	4.5E-03
173	0.20942	5.70E-04	1.2E-04	1.05E-03	1.25E-07	2.27E-01	1.57E-01	4.46E-09	1.0E+06	4.5E-03
174	0.20545	5.70E-04	1.2E-04	1.05E-03	1.22E-07	2.27E-01	1.57E-01	4.38E-09	1.0E+06	4.4E-03
175	0.2014	5.70E-04	1.1E-04	1.05E-03	1.20E-07	2.27E-01	1.57E-01	4.29E-09	1.0E+06	4.3E-03
176	0.19731	5.70E-04	1.1E-04	1.05E-03	1.18E-07	2.27E-01	1.57E-01	4.20E-09	1.0E+06	4.2E-03
177	0.19321	5.70E-04	1.1E-04	1.05E-03	1.15E-07	2.27E-01	1.57E-01	4.11E-09	1.0E+06	4.1E-03
178	0.18912	5.70E-04	1.1E-04	1.05E-03	1.13E-07	2.27E-01	1.57E-01	4.03E-09	1.0E+06	4.0E-03
179	0.18509	5.70E-04	1.1E-04	1.05E-03	1.10E-07	2.27E-01	1.57E-01	3.94E-09	1.0E+06	3.9E-03
180	0.18116	5.70E-04	1.0E-04	1.05E-03	1.08E-07	2.27E-01	1.57E-01	3.86E-09	1.0E+06	3.9E-03
181	0.17732	5.70E-04	1.0E-04	1.05E-03	1.06E-07	2.27E-01	1.57E-01	3.78E-09	1.0E+06	3.8E-03
182	0.17358	5.70E-04	9.9E-05	1.05E-03	1.03E-07	2.27E-01	1.57E-01	3.70E-09	1.0E+06	3.7E-03
183	0.16992	5.70E-04	9.7E-05	1.05E-03	1.01E-07	2.27E-01	1.57E-01	3.62E-09	1.0E+06	3.6E-03
184	0.16635	5.70E-04	9.5E-05	1.05E-03	9.91E-08	2.27E-01	1.57E-01	3.54E-09	1.0E+06	3.5E-03
185	0.16285	5.70E-04	9.3E-05	1.05E-03	9.71E-08	2.27E-01	1.57E-01	3.47E-09	1.0E+06	3.5E-03

Berkley WTPF
DREDG Mitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
186	0.15942	5.70E-04	9.1E-05	1.05E-03	9.50E-08	2.27E-01	1.57E-01	3.40E-09	1.0E+06	3.4E-03
187	0.15606	5.70E-04	8.9E-05	1.05E-03	9.30E-08	2.27E-01	1.57E-01	3.32E-09	1.0E+06	3.3E-03
188	0.15277	5.70E-04	8.7E-05	1.05E-03	9.10E-08	2.27E-01	1.57E-01	3.25E-09	1.0E+06	3.3E-03
189	0.14956	5.70E-04	8.5E-05	1.05E-03	8.91E-08	2.27E-01	1.57E-01	3.19E-09	1.0E+06	3.2E-03
190	0.14586	5.70E-04	8.3E-05	1.05E-03	8.69E-08	2.27E-01	1.57E-01	3.11E-09	1.0E+06	3.1E-03
191	0.21436	5.70E-04	1.2E-04	1.05E-03	1.28E-07	2.27E-01	1.57E-01	4.57E-09	1.0E+06	4.6E-03
192	0.21171	5.70E-04	1.2E-04	1.05E-03	1.26E-07	2.27E-01	1.57E-01	4.51E-09	1.0E+06	4.5E-03
193	0.20872	5.70E-04	1.2E-04	1.05E-03	1.24E-07	2.27E-01	1.57E-01	4.45E-09	1.0E+06	4.4E-03
194	0.2054	5.70E-04	1.2E-04	1.05E-03	1.22E-07	2.27E-01	1.57E-01	4.37E-09	1.0E+06	4.4E-03
195	0.20205	5.70E-04	1.2E-04	1.05E-03	1.20E-07	2.27E-01	1.57E-01	4.30E-09	1.0E+06	4.3E-03
196	0.19867	5.70E-04	1.1E-04	1.05E-03	1.18E-07	2.27E-01	1.57E-01	4.23E-09	1.0E+06	4.2E-03
197	0.19524	5.70E-04	1.1E-04	1.05E-03	1.16E-07	2.27E-01	1.57E-01	4.16E-09	1.0E+06	4.2E-03
198	0.19175	5.70E-04	1.1E-04	1.05E-03	1.14E-07	2.27E-01	1.57E-01	4.08E-09	1.0E+06	4.1E-03
199	0.18821	5.70E-04	1.1E-04	1.05E-03	1.12E-07	2.27E-01	1.57E-01	4.01E-09	1.0E+06	4.0E-03
200	0.18462	5.70E-04	1.1E-04	1.05E-03	1.10E-07	2.27E-01	1.57E-01	3.93E-09	1.0E+06	3.9E-03
201	0.17036	5.70E-04	9.7E-05	1.05E-03	1.02E-07	2.27E-01	1.57E-01	3.63E-09	1.0E+06	3.6E-03
202	0.16693	5.70E-04	9.5E-05	1.05E-03	9.95E-08	2.27E-01	1.57E-01	3.56E-09	1.0E+06	3.6E-03
203	0.16356	5.70E-04	9.3E-05	1.05E-03	9.75E-08	2.27E-01	1.57E-01	3.48E-09	1.0E+06	3.5E-03
204	0.16026	5.70E-04	9.1E-05	1.05E-03	9.55E-08	2.27E-01	1.57E-01	3.41E-09	1.0E+06	3.4E-03
205	0.15702	5.70E-04	9.0E-05	1.05E-03	9.36E-08	2.27E-01	1.57E-01	3.34E-09	1.0E+06	3.3E-03
206	0.15383	5.70E-04	8.8E-05	1.05E-03	9.17E-08	2.27E-01	1.57E-01	3.28E-09	1.0E+06	3.3E-03
207	0.1507	5.70E-04	8.6E-05	1.05E-03	8.98E-08	2.27E-01	1.57E-01	3.21E-09	1.0E+06	3.2E-03
208	0.14763	5.70E-04	8.4E-05	1.05E-03	8.80E-08	2.27E-01	1.57E-01	3.14E-09	1.0E+06	3.1E-03
209	0.14462	5.70E-04	8.2E-05	1.05E-03	8.62E-08	2.27E-01	1.57E-01	3.08E-09	1.0E+06	3.1E-03
210	0.14093	5.70E-04	8.0E-05	1.05E-03	8.40E-08	2.27E-01	1.57E-01	3.00E-09	1.0E+06	3.0E-03
211	0.20343	5.70E-04	1.2E-04	1.05E-03	1.21E-07	2.27E-01	1.57E-01	4.33E-09	1.0E+06	4.3E-03
212	0.20063	5.70E-04	1.1E-04	1.05E-03	1.20E-07	2.27E-01	1.57E-01	4.27E-09	1.0E+06	4.3E-03
213	0.19771	5.70E-04	1.1E-04	1.05E-03	1.18E-07	2.27E-01	1.57E-01	4.21E-09	1.0E+06	4.2E-03
214	0.19477	5.70E-04	1.1E-04	1.05E-03	1.16E-07	2.27E-01	1.57E-01	4.15E-09	1.0E+06	4.1E-03
215	0.19182	5.70E-04	1.1E-04	1.05E-03	1.14E-07	2.27E-01	1.57E-01	4.09E-09	1.0E+06	4.1E-03
216	0.18886	5.70E-04	1.1E-04	1.05E-03	1.13E-07	2.27E-01	1.57E-01	4.02E-09	1.0E+06	4.0E-03

Berkley WTPF
DREDG Mitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
217	0.18587	5.70E-04	1.1E-04	1.05E-03	1.11E-07	2.27E-01	1.57E-01	3.96E-09	1.0E+06	4.0E-03
218	0.18285	5.70E-04	1.0E-04	1.05E-03	1.09E-07	2.27E-01	1.57E-01	3.89E-09	1.0E+06	3.9E-03
219	0.17977	5.70E-04	1.0E-04	1.05E-03	1.07E-07	2.27E-01	1.57E-01	3.83E-09	1.0E+06	3.8E-03
220	0.15773	5.70E-04	9.0E-05	1.05E-03	9.40E-08	2.27E-01	1.57E-01	3.36E-09	1.0E+06	3.4E-03
221	0.15468	5.70E-04	8.8E-05	1.05E-03	9.22E-08	2.27E-01	1.57E-01	3.29E-09	1.0E+06	3.3E-03
222	0.15168	5.70E-04	8.6E-05	1.05E-03	9.04E-08	2.27E-01	1.57E-01	3.23E-09	1.0E+06	3.2E-03
223	0.14872	5.70E-04	8.5E-05	1.05E-03	8.86E-08	2.27E-01	1.57E-01	3.17E-09	1.0E+06	3.2E-03
224	0.1458	5.70E-04	8.3E-05	1.05E-03	8.69E-08	2.27E-01	1.57E-01	3.11E-09	1.0E+06	3.1E-03
225	0.14292	5.70E-04	8.1E-05	1.05E-03	8.52E-08	2.27E-01	1.57E-01	3.04E-09	1.0E+06	3.0E-03
226	0.14008	5.70E-04	8.0E-05	1.05E-03	8.35E-08	2.27E-01	1.57E-01	2.98E-09	1.0E+06	3.0E-03
227	0.19511	5.70E-04	1.1E-04	1.05E-03	1.16E-07	2.27E-01	1.57E-01	4.16E-09	1.0E+06	4.2E-03
228	0.19291	5.70E-04	1.1E-04	1.05E-03	1.15E-07	2.27E-01	1.57E-01	4.11E-09	1.0E+06	4.1E-03
229	0.19039	5.70E-04	1.1E-04	1.05E-03	1.13E-07	2.27E-01	1.57E-01	4.05E-09	1.0E+06	4.1E-03
230	0.18779	5.70E-04	1.1E-04	1.05E-03	1.12E-07	2.27E-01	1.57E-01	4.00E-09	1.0E+06	4.0E-03
231	0.18516	5.70E-04	1.1E-04	1.05E-03	1.10E-07	2.27E-01	1.57E-01	3.94E-09	1.0E+06	3.9E-03
232	0.18253	5.70E-04	1.0E-04	1.05E-03	1.09E-07	2.27E-01	1.57E-01	3.89E-09	1.0E+06	3.9E-03
233	0.17991	5.70E-04	1.0E-04	1.05E-03	1.07E-07	2.27E-01	1.57E-01	3.83E-09	1.0E+06	3.8E-03
234	0.17727	5.70E-04	1.0E-04	1.05E-03	1.06E-07	2.27E-01	1.57E-01	3.78E-09	1.0E+06	3.8E-03
235	0.17462	5.70E-04	1.0E-04	1.05E-03	1.04E-07	2.27E-01	1.57E-01	3.72E-09	1.0E+06	3.7E-03
236	0.17194	5.70E-04	9.8E-05	1.05E-03	1.02E-07	2.27E-01	1.57E-01	3.66E-09	1.0E+06	3.7E-03
237	0.15513	5.70E-04	8.8E-05	1.05E-03	9.25E-08	2.27E-01	1.57E-01	3.30E-09	1.0E+06	3.3E-03
238	0.15231	5.70E-04	8.7E-05	1.05E-03	9.08E-08	2.27E-01	1.57E-01	3.24E-09	1.0E+06	3.2E-03
239	0.14952	5.70E-04	8.5E-05	1.05E-03	8.91E-08	2.27E-01	1.57E-01	3.18E-09	1.0E+06	3.2E-03
240	0.14676	5.70E-04	8.4E-05	1.05E-03	8.75E-08	2.27E-01	1.57E-01	3.13E-09	1.0E+06	3.1E-03
241	0.14401	5.70E-04	8.2E-05	1.05E-03	8.58E-08	2.27E-01	1.57E-01	3.07E-09	1.0E+06	3.1E-03
242	0.1413	5.70E-04	8.1E-05	1.05E-03	8.42E-08	2.27E-01	1.57E-01	3.01E-09	1.0E+06	3.0E-03
243	0.13849	5.70E-04	7.9E-05	1.05E-03	8.25E-08	2.27E-01	1.57E-01	2.95E-09	1.0E+06	2.9E-03
244	0.13557	5.70E-04	7.7E-05	1.05E-03	8.08E-08	2.27E-01	1.57E-01	2.89E-09	1.0E+06	2.9E-03
245	0.18114	5.70E-04	1.0E-04	1.05E-03	1.08E-07	2.27E-01	1.57E-01	3.86E-09	1.0E+06	3.9E-03
246	0.17881	5.70E-04	1.0E-04	1.05E-03	1.07E-07	2.27E-01	1.57E-01	3.81E-09	1.0E+06	3.8E-03
247	0.17645	5.70E-04	1.0E-04	1.05E-03	1.05E-07	2.27E-01	1.57E-01	3.76E-09	1.0E+06	3.8E-03

Berkley WTPF
DREDG Mitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
248	0.17408	5.70E-04	9.9E-05	1.05E-03	1.04E-07	2.27E-01	1.57E-01	3.71E-09	1.0E+06	3.7E-03
249	0.17172	5.70E-04	9.8E-05	1.05E-03	1.02E-07	2.27E-01	1.57E-01	3.66E-09	1.0E+06	3.7E-03
250	0.16938	5.70E-04	9.7E-05	1.05E-03	1.01E-07	2.27E-01	1.57E-01	3.61E-09	1.0E+06	3.6E-03
251	0.16703	5.70E-04	9.5E-05	1.05E-03	9.95E-08	2.27E-01	1.57E-01	3.56E-09	1.0E+06	3.6E-03
252	0.16466	5.70E-04	9.4E-05	1.05E-03	9.81E-08	2.27E-01	1.57E-01	3.51E-09	1.0E+06	3.5E-03
253	0.14978	5.70E-04	8.5E-05	1.05E-03	8.93E-08	2.27E-01	1.57E-01	3.19E-09	1.0E+06	3.2E-03
254	0.14724	5.70E-04	8.4E-05	1.05E-03	8.78E-08	2.27E-01	1.57E-01	3.14E-09	1.0E+06	3.1E-03
255	0.1447	5.70E-04	8.3E-05	1.05E-03	8.62E-08	2.27E-01	1.57E-01	3.08E-09	1.0E+06	3.1E-03
256	0.14216	5.70E-04	8.1E-05	1.05E-03	8.47E-08	2.27E-01	1.57E-01	3.03E-09	1.0E+06	3.0E-03
257	0.13963	5.70E-04	8.0E-05	1.05E-03	8.32E-08	2.27E-01	1.57E-01	2.97E-09	1.0E+06	3.0E-03
258	0.13712	5.70E-04	7.8E-05	1.05E-03	8.17E-08	2.27E-01	1.57E-01	2.92E-09	1.0E+06	2.9E-03
259	0.13439	5.70E-04	7.7E-05	1.05E-03	8.01E-08	2.27E-01	1.57E-01	2.86E-09	1.0E+06	2.9E-03
260	0.16211	5.70E-04	9.2E-05	1.05E-03	9.66E-08	2.27E-01	1.57E-01	3.45E-09	1.0E+06	3.5E-03
261	0.16001	5.70E-04	9.1E-05	1.05E-03	9.54E-08	2.27E-01	1.57E-01	3.41E-09	1.0E+06	3.4E-03
262	0.14698	5.70E-04	8.4E-05	1.05E-03	8.76E-08	2.27E-01	1.57E-01	3.13E-09	1.0E+06	3.1E-03
263	0.14472	5.70E-04	8.3E-05	1.05E-03	8.63E-08	2.27E-01	1.57E-01	3.08E-09	1.0E+06	3.1E-03
264	0.14244	5.70E-04	8.1E-05	1.05E-03	8.49E-08	2.27E-01	1.57E-01	3.03E-09	1.0E+06	3.0E-03
265	0.14014	5.70E-04	8.0E-05	1.05E-03	8.35E-08	2.27E-01	1.57E-01	2.98E-09	1.0E+06	3.0E-03
266	0.13783	5.70E-04	7.9E-05	1.05E-03	8.21E-08	2.27E-01	1.57E-01	2.94E-09	1.0E+06	2.9E-03
267	0.13552	5.70E-04	7.7E-05	1.05E-03	8.08E-08	2.27E-01	1.57E-01	2.89E-09	1.0E+06	2.9E-03
268	0.13318	5.70E-04	7.6E-05	1.05E-03	7.94E-08	2.27E-01	1.57E-01	2.84E-09	1.0E+06	2.8E-03
269	0.13056	5.70E-04	7.4E-05	1.05E-03	7.78E-08	2.27E-01	1.57E-01	2.78E-09	1.0E+06	2.8E-03
270	0.14191	5.70E-04	8.1E-05	1.05E-03	8.46E-08	2.27E-01	1.57E-01	3.02E-09	1.0E+06	3.0E-03
271	0.1399	5.70E-04	8.0E-05	1.05E-03	8.34E-08	2.27E-01	1.57E-01	2.98E-09	1.0E+06	3.0E-03
272	0.13786	5.70E-04	7.9E-05	1.05E-03	8.22E-08	2.27E-01	1.57E-01	2.94E-09	1.0E+06	2.9E-03
273	0.1358	5.70E-04	7.7E-05	1.05E-03	8.09E-08	2.27E-01	1.57E-01	2.89E-09	1.0E+06	2.9E-03
274	0.13371	5.70E-04	7.6E-05	1.05E-03	7.97E-08	2.27E-01	1.57E-01	2.85E-09	1.0E+06	2.8E-03
275	0.13161	5.70E-04	7.5E-05	1.05E-03	7.84E-08	2.27E-01	1.57E-01	2.80E-09	1.0E+06	2.8E-03
276	0.12926	5.70E-04	7.4E-05	1.05E-03	7.70E-08	2.27E-01	1.57E-01	2.75E-09	1.0E+06	2.8E-03
277	0.16496	5.70E-04	9.4E-05	1.05E-03	9.83E-08	2.27E-01	1.57E-01	3.51E-09	1.0E+06	3.5E-03
278	0.16409	5.70E-04	9.4E-05	1.05E-03	9.78E-08	2.27E-01	1.57E-01	3.49E-09	1.0E+06	3.5E-03

Berkley WTPF
DREDG Mitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
279	0.16279	5.70E-04	9.3E-05	1.05E-03	9.70E-08	2.27E-01	1.57E-01	3.47E-09	1.0E+06	3.5E-03
280	0.16133	5.70E-04	9.2E-05	1.05E-03	9.62E-08	2.27E-01	1.57E-01	3.44E-09	1.0E+06	3.4E-03
281	0.15975	5.70E-04	9.1E-05	1.05E-03	9.52E-08	2.27E-01	1.57E-01	3.40E-09	1.0E+06	3.4E-03
282	0.13885	5.70E-04	7.9E-05	1.05E-03	8.28E-08	2.27E-01	1.57E-01	2.96E-09	1.0E+06	3.0E-03
283	0.13708	5.70E-04	7.8E-05	1.05E-03	8.17E-08	2.27E-01	1.57E-01	2.92E-09	1.0E+06	2.9E-03
284	0.13529	5.70E-04	7.7E-05	1.05E-03	8.06E-08	2.27E-01	1.57E-01	2.88E-09	1.0E+06	2.9E-03
285	0.13348	5.70E-04	7.6E-05	1.05E-03	7.96E-08	2.27E-01	1.57E-01	2.84E-09	1.0E+06	2.8E-03
286	0.13164	5.70E-04	7.5E-05	1.05E-03	7.85E-08	2.27E-01	1.57E-01	2.80E-09	1.0E+06	2.8E-03
287	0.12977	5.70E-04	7.4E-05	1.05E-03	7.73E-08	2.27E-01	1.57E-01	2.76E-09	1.0E+06	2.8E-03
288	0.12787	5.70E-04	7.3E-05	1.05E-03	7.62E-08	2.27E-01	1.57E-01	2.72E-09	1.0E+06	2.7E-03
289	0.12552	5.70E-04	7.2E-05	1.05E-03	7.48E-08	2.27E-01	1.57E-01	2.67E-09	1.0E+06	2.7E-03
290	0.15903	5.70E-04	9.1E-05	1.05E-03	9.48E-08	2.27E-01	1.57E-01	3.39E-09	1.0E+06	3.4E-03
291	0.15825	5.70E-04	9.0E-05	1.05E-03	9.43E-08	2.27E-01	1.57E-01	3.37E-09	1.0E+06	3.4E-03
292	0.15714	5.70E-04	9.0E-05	1.05E-03	9.37E-08	2.27E-01	1.57E-01	3.35E-09	1.0E+06	3.3E-03
293	0.15593	5.70E-04	8.9E-05	1.05E-03	9.29E-08	2.27E-01	1.57E-01	3.32E-09	1.0E+06	3.3E-03
294	0.15461	5.70E-04	8.8E-05	1.05E-03	9.21E-08	2.27E-01	1.57E-01	3.29E-09	1.0E+06	3.3E-03
295	0.15317	5.70E-04	8.7E-05	1.05E-03	9.13E-08	2.27E-01	1.57E-01	3.26E-09	1.0E+06	3.3E-03
296	0.15164	5.70E-04	8.6E-05	1.05E-03	9.04E-08	2.27E-01	1.57E-01	3.23E-09	1.0E+06	3.2E-03
297	0.15006	5.70E-04	8.6E-05	1.05E-03	8.94E-08	2.27E-01	1.57E-01	3.20E-09	1.0E+06	3.2E-03
298	0.14844	5.70E-04	8.5E-05	1.05E-03	8.85E-08	2.27E-01	1.57E-01	3.16E-09	1.0E+06	3.2E-03
299	0.1468	5.70E-04	8.4E-05	1.05E-03	8.75E-08	2.27E-01	1.57E-01	3.13E-09	1.0E+06	3.1E-03
300	0.14516	5.70E-04	8.3E-05	1.05E-03	8.65E-08	2.27E-01	1.57E-01	3.09E-09	1.0E+06	3.1E-03
301	0.13408	5.70E-04	7.6E-05	1.05E-03	7.99E-08	2.27E-01	1.57E-01	2.86E-09	1.0E+06	2.9E-03
302	0.1325	5.70E-04	7.6E-05	1.05E-03	7.90E-08	2.27E-01	1.57E-01	2.82E-09	1.0E+06	2.8E-03
303	0.1309	5.70E-04	7.5E-05	1.05E-03	7.80E-08	2.27E-01	1.57E-01	2.79E-09	1.0E+06	2.8E-03
304	0.12928	5.70E-04	7.4E-05	1.05E-03	7.70E-08	2.27E-01	1.57E-01	2.75E-09	1.0E+06	2.8E-03
305	0.12764	5.70E-04	7.3E-05	1.05E-03	7.61E-08	2.27E-01	1.57E-01	2.72E-09	1.0E+06	2.7E-03
306	0.12597	5.70E-04	7.2E-05	1.05E-03	7.51E-08	2.27E-01	1.57E-01	2.68E-09	1.0E+06	2.7E-03
307	0.12427	5.70E-04	7.1E-05	1.05E-03	7.41E-08	2.27E-01	1.57E-01	2.65E-09	1.0E+06	2.6E-03
308	0.15246	5.70E-04	8.7E-05	1.05E-03	9.09E-08	2.27E-01	1.57E-01	3.25E-09	1.0E+06	3.2E-03
309	0.15175	5.70E-04	8.7E-05	1.05E-03	9.04E-08	2.27E-01	1.57E-01	3.23E-09	1.0E+06	3.2E-03

Berkley WTPF
DREDG Mitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
310	0.15074	5.70E-04	8.6E-05	1.05E-03	8.98E-08	2.27E-01	1.57E-01	3.21E-09	1.0E+06	3.2E-03
311	0.14964	5.70E-04	8.5E-05	1.05E-03	8.92E-08	2.27E-01	1.57E-01	3.19E-09	1.0E+06	3.2E-03
312	0.14843	5.70E-04	8.5E-05	1.05E-03	8.85E-08	2.27E-01	1.57E-01	3.16E-09	1.0E+06	3.2E-03
313	0.14712	5.70E-04	8.4E-05	1.05E-03	8.77E-08	2.27E-01	1.57E-01	3.13E-09	1.0E+06	3.1E-03
314	0.14572	5.70E-04	8.3E-05	1.05E-03	8.68E-08	2.27E-01	1.57E-01	3.10E-09	1.0E+06	3.1E-03
315	0.14426	5.70E-04	8.2E-05	1.05E-03	8.60E-08	2.27E-01	1.57E-01	3.07E-09	1.0E+06	3.1E-03
316	0.14277	5.70E-04	8.1E-05	1.05E-03	8.51E-08	2.27E-01	1.57E-01	3.04E-09	1.0E+06	3.0E-03
317	0.14126	5.70E-04	8.1E-05	1.05E-03	8.42E-08	2.27E-01	1.57E-01	3.01E-09	1.0E+06	3.0E-03
318	0.13975	5.70E-04	8.0E-05	1.05E-03	8.33E-08	2.27E-01	1.57E-01	2.98E-09	1.0E+06	3.0E-03
319	0.13825	5.70E-04	7.9E-05	1.05E-03	8.24E-08	2.27E-01	1.57E-01	2.94E-09	1.0E+06	2.9E-03
320	0.13677	5.70E-04	7.8E-05	1.05E-03	8.15E-08	2.27E-01	1.57E-01	2.91E-09	1.0E+06	2.9E-03
321	0.13531	5.70E-04	7.7E-05	1.05E-03	8.06E-08	2.27E-01	1.57E-01	2.88E-09	1.0E+06	2.9E-03
322	0.13386	5.70E-04	7.6E-05	1.05E-03	7.98E-08	2.27E-01	1.57E-01	2.85E-09	1.0E+06	2.9E-03
323	0.12957	5.70E-04	7.4E-05	1.05E-03	7.72E-08	2.27E-01	1.57E-01	2.76E-09	1.0E+06	2.8E-03
324	0.12815	5.70E-04	7.3E-05	1.05E-03	7.64E-08	2.27E-01	1.57E-01	2.73E-09	1.0E+06	2.7E-03
325	0.12671	5.70E-04	7.2E-05	1.05E-03	7.55E-08	2.27E-01	1.57E-01	2.70E-09	1.0E+06	2.7E-03
326	0.12527	5.70E-04	7.1E-05	1.05E-03	7.47E-08	2.27E-01	1.57E-01	2.67E-09	1.0E+06	2.7E-03
327	0.1238	5.70E-04	7.1E-05	1.05E-03	7.38E-08	2.27E-01	1.57E-01	2.64E-09	1.0E+06	2.6E-03
328	0.12231	5.70E-04	7.0E-05	1.05E-03	7.29E-08	2.27E-01	1.57E-01	2.60E-09	1.0E+06	2.6E-03
329	0.12079	5.70E-04	6.9E-05	1.05E-03	7.20E-08	2.27E-01	1.57E-01	2.57E-09	1.0E+06	2.6E-03
330	0.14642	5.70E-04	8.3E-05	1.05E-03	8.73E-08	2.27E-01	1.57E-01	3.12E-09	1.0E+06	3.1E-03
331	0.14577	5.70E-04	8.3E-05	1.05E-03	8.69E-08	2.27E-01	1.57E-01	3.10E-09	1.0E+06	3.1E-03
332	0.14484	5.70E-04	8.3E-05	1.05E-03	8.63E-08	2.27E-01	1.57E-01	3.08E-09	1.0E+06	3.1E-03
333	0.14384	5.70E-04	8.2E-05	1.05E-03	8.57E-08	2.27E-01	1.57E-01	3.06E-09	1.0E+06	3.1E-03
334	0.14274	5.70E-04	8.1E-05	1.05E-03	8.51E-08	2.27E-01	1.57E-01	3.04E-09	1.0E+06	3.0E-03
335	0.14153	5.70E-04	8.1E-05	1.05E-03	8.44E-08	2.27E-01	1.57E-01	3.01E-09	1.0E+06	3.0E-03
336	0.14024	5.70E-04	8.0E-05	1.05E-03	8.36E-08	2.27E-01	1.57E-01	2.99E-09	1.0E+06	3.0E-03
337	0.1389	5.70E-04	7.9E-05	1.05E-03	8.28E-08	2.27E-01	1.57E-01	2.96E-09	1.0E+06	3.0E-03
338	0.13752	5.70E-04	7.8E-05	1.05E-03	8.20E-08	2.27E-01	1.57E-01	2.93E-09	1.0E+06	2.9E-03
339	0.13612	5.70E-04	7.8E-05	1.05E-03	8.11E-08	2.27E-01	1.57E-01	2.90E-09	1.0E+06	2.9E-03
340	0.13473	5.70E-04	7.7E-05	1.05E-03	8.03E-08	2.27E-01	1.57E-01	2.87E-09	1.0E+06	2.9E-03

Berkley WTPF
DREDG Mitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
341	0.13334	5.70E-04	7.6E-05	1.05E-03	7.95E-08	2.27E-01	1.57E-01	2.84E-09	1.0E+06	2.8E-03
342	0.13196	5.70E-04	7.5E-05	1.05E-03	7.86E-08	2.27E-01	1.57E-01	2.81E-09	1.0E+06	2.8E-03
343	0.13061	5.70E-04	7.4E-05	1.05E-03	7.78E-08	2.27E-01	1.57E-01	2.78E-09	1.0E+06	2.8E-03
344	0.12927	5.70E-04	7.4E-05	1.05E-03	7.70E-08	2.27E-01	1.57E-01	2.75E-09	1.0E+06	2.8E-03
345	0.12794	5.70E-04	7.3E-05	1.05E-03	7.63E-08	2.27E-01	1.57E-01	2.72E-09	1.0E+06	2.7E-03
346	0.12663	5.70E-04	7.2E-05	1.05E-03	7.55E-08	2.27E-01	1.57E-01	2.70E-09	1.0E+06	2.7E-03
347	0.12532	5.70E-04	7.1E-05	1.05E-03	7.47E-08	2.27E-01	1.57E-01	2.67E-09	1.0E+06	2.7E-03
348	0.12403	5.70E-04	7.1E-05	1.05E-03	7.39E-08	2.27E-01	1.57E-01	2.64E-09	1.0E+06	2.6E-03
349	0.12273	5.70E-04	7.0E-05	1.05E-03	7.31E-08	2.27E-01	1.57E-01	2.61E-09	1.0E+06	2.6E-03
350	0.12143	5.70E-04	6.9E-05	1.05E-03	7.24E-08	2.27E-01	1.57E-01	2.59E-09	1.0E+06	2.6E-03
351	0.12	5.70E-04	6.8E-05	1.05E-03	7.15E-08	2.27E-01	1.57E-01	2.56E-09	1.0E+06	2.6E-03
352	0.11861	5.70E-04	6.8E-05	1.05E-03	7.07E-08	2.27E-01	1.57E-01	2.53E-09	1.0E+06	2.5E-03
353	0.14084	5.70E-04	8.0E-05	1.05E-03	8.39E-08	2.27E-01	1.57E-01	3.00E-09	1.0E+06	3.0E-03
354	0.14025	5.70E-04	8.0E-05	1.05E-03	8.36E-08	2.27E-01	1.57E-01	2.99E-09	1.0E+06	3.0E-03
355	0.1394	5.70E-04	7.9E-05	1.05E-03	8.31E-08	2.27E-01	1.57E-01	2.97E-09	1.0E+06	3.0E-03
356	0.13848	5.70E-04	7.9E-05	1.05E-03	8.25E-08	2.27E-01	1.57E-01	2.95E-09	1.0E+06	2.9E-03
357	0.13747	5.70E-04	7.8E-05	1.05E-03	8.19E-08	2.27E-01	1.57E-01	2.93E-09	1.0E+06	2.9E-03
358	0.13636	5.70E-04	7.8E-05	1.05E-03	8.13E-08	2.27E-01	1.57E-01	2.90E-09	1.0E+06	2.9E-03
359	0.13517	5.70E-04	7.7E-05	1.05E-03	8.06E-08	2.27E-01	1.57E-01	2.88E-09	1.0E+06	2.9E-03
360	0.13392	5.70E-04	7.6E-05	1.05E-03	7.98E-08	2.27E-01	1.57E-01	2.85E-09	1.0E+06	2.9E-03
361	0.13265	5.70E-04	7.6E-05	1.05E-03	7.91E-08	2.27E-01	1.57E-01	2.83E-09	1.0E+06	2.8E-03
362	0.13135	5.70E-04	7.5E-05	1.05E-03	7.83E-08	2.27E-01	1.57E-01	2.80E-09	1.0E+06	2.8E-03
363	0.13005	5.70E-04	7.4E-05	1.05E-03	7.75E-08	2.27E-01	1.57E-01	2.77E-09	1.0E+06	2.8E-03
364	0.12876	5.70E-04	7.3E-05	1.05E-03	7.67E-08	2.27E-01	1.57E-01	2.74E-09	1.0E+06	2.7E-03
365	0.12748	5.70E-04	7.3E-05	1.05E-03	7.60E-08	2.27E-01	1.57E-01	2.71E-09	1.0E+06	2.7E-03
366	0.12622	5.70E-04	7.2E-05	1.05E-03	7.52E-08	2.27E-01	1.57E-01	2.69E-09	1.0E+06	2.7E-03
367	0.12497	5.70E-04	7.1E-05	1.05E-03	7.45E-08	2.27E-01	1.57E-01	2.66E-09	1.0E+06	2.7E-03
368	0.12374	5.70E-04	7.1E-05	1.05E-03	7.37E-08	2.27E-01	1.57E-01	2.64E-09	1.0E+06	2.6E-03
369	0.12252	5.70E-04	7.0E-05	1.05E-03	7.30E-08	2.27E-01	1.57E-01	2.61E-09	1.0E+06	2.6E-03
370	0.1213	5.70E-04	6.9E-05	1.05E-03	7.23E-08	2.27E-01	1.57E-01	2.58E-09	1.0E+06	2.6E-03
371	0.12009	5.70E-04	6.8E-05	1.05E-03	7.16E-08	2.27E-01	1.57E-01	2.56E-09	1.0E+06	2.6E-03

Berkley WTPF
DREDG Mitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
372	0.1189	5.70E-04	6.8E-05	1.05E-03	7.09E-08	2.27E-01	1.57E-01	2.53E-09	1.0E+06	2.5E-03
373	0.13514	5.70E-04	7.7E-05	1.05E-03	8.05E-08	2.27E-01	1.57E-01	2.88E-09	1.0E+06	2.9E-03
374	0.13436	5.70E-04	7.7E-05	1.05E-03	8.01E-08	2.27E-01	1.57E-01	2.86E-09	1.0E+06	2.9E-03
375	0.13352	5.70E-04	7.6E-05	1.05E-03	7.96E-08	2.27E-01	1.57E-01	2.84E-09	1.0E+06	2.8E-03
376	0.13258	5.70E-04	7.6E-05	1.05E-03	7.90E-08	2.27E-01	1.57E-01	2.82E-09	1.0E+06	2.8E-03
377	0.13156	5.70E-04	7.5E-05	1.05E-03	7.84E-08	2.27E-01	1.57E-01	2.80E-09	1.0E+06	2.8E-03
378	0.13046	5.70E-04	7.4E-05	1.05E-03	7.78E-08	2.27E-01	1.57E-01	2.78E-09	1.0E+06	2.8E-03
379	0.1293	5.70E-04	7.4E-05	1.05E-03	7.71E-08	2.27E-01	1.57E-01	2.75E-09	1.0E+06	2.8E-03
380	0.12811	5.70E-04	7.3E-05	1.05E-03	7.64E-08	2.27E-01	1.57E-01	2.73E-09	1.0E+06	2.7E-03
381	0.1269	5.70E-04	7.2E-05	1.05E-03	7.56E-08	2.27E-01	1.57E-01	2.70E-09	1.0E+06	2.7E-03
382	0.12569	5.70E-04	7.2E-05	1.05E-03	7.49E-08	2.27E-01	1.57E-01	2.68E-09	1.0E+06	2.7E-03
383	0.12449	5.70E-04	7.1E-05	1.05E-03	7.42E-08	2.27E-01	1.57E-01	2.65E-09	1.0E+06	2.7E-03
384	0.12329	5.70E-04	7.0E-05	1.05E-03	7.35E-08	2.27E-01	1.57E-01	2.63E-09	1.0E+06	2.6E-03
385	0.12211	5.70E-04	7.0E-05	1.05E-03	7.28E-08	2.27E-01	1.57E-01	2.60E-09	1.0E+06	2.6E-03
386	0.12095	5.70E-04	6.9E-05	1.05E-03	7.21E-08	2.27E-01	1.57E-01	2.58E-09	1.0E+06	2.6E-03
387	0.1198	5.70E-04	6.8E-05	1.05E-03	7.14E-08	2.27E-01	1.57E-01	2.55E-09	1.0E+06	2.6E-03
388	0.11857	5.70E-04	6.8E-05	1.05E-03	7.07E-08	2.27E-01	1.57E-01	2.53E-09	1.0E+06	2.5E-03
389	0.13018	5.70E-04	7.4E-05	1.05E-03	7.76E-08	2.27E-01	1.57E-01	2.77E-09	1.0E+06	2.8E-03
390	0.12947	5.70E-04	7.4E-05	1.05E-03	7.72E-08	2.27E-01	1.57E-01	2.76E-09	1.0E+06	2.8E-03
391	0.12882	5.70E-04	7.3E-05	1.05E-03	7.68E-08	2.27E-01	1.57E-01	2.74E-09	1.0E+06	2.7E-03
392	0.12804	5.70E-04	7.3E-05	1.05E-03	7.63E-08	2.27E-01	1.57E-01	2.73E-09	1.0E+06	2.7E-03
393	0.12709	5.70E-04	7.2E-05	1.05E-03	7.57E-08	2.27E-01	1.57E-01	2.71E-09	1.0E+06	2.7E-03
394	0.12607	5.70E-04	7.2E-05	1.05E-03	7.51E-08	2.27E-01	1.57E-01	2.68E-09	1.0E+06	2.7E-03
395	0.12499	5.70E-04	7.1E-05	1.05E-03	7.45E-08	2.27E-01	1.57E-01	2.66E-09	1.0E+06	2.7E-03
396	0.12388	5.70E-04	7.1E-05	1.05E-03	7.38E-08	2.27E-01	1.57E-01	2.64E-09	1.0E+06	2.6E-03
397	0.12275	5.70E-04	7.0E-05	1.05E-03	7.32E-08	2.27E-01	1.57E-01	2.61E-09	1.0E+06	2.6E-03
398	0.12162	5.70E-04	6.9E-05	1.05E-03	7.25E-08	2.27E-01	1.57E-01	2.59E-09	1.0E+06	2.6E-03
399	0.12049	5.70E-04	6.9E-05	1.05E-03	7.18E-08	2.27E-01	1.57E-01	2.57E-09	1.0E+06	2.6E-03
400	0.11937	5.70E-04	6.8E-05	1.05E-03	7.11E-08	2.27E-01	1.57E-01	2.54E-09	1.0E+06	2.5E-03
401	0.11827	5.70E-04	6.7E-05	1.05E-03	7.05E-08	2.27E-01	1.57E-01	2.52E-09	1.0E+06	2.5E-03
402	0.11717	5.70E-04	6.7E-05	1.05E-03	6.98E-08	2.27E-01	1.57E-01	2.50E-09	1.0E+06	2.5E-03

Berkley WTPF
DREDG Mitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
403	0.1161	5.70E-04	6.6E-05	1.05E-03	6.92E-08	2.27E-01	1.57E-01	2.47E-09	1.0E+06	2.5E-03
404	0.12476	5.70E-04	7.1E-05	1.05E-03	7.44E-08	2.27E-01	1.57E-01	2.66E-09	1.0E+06	2.7E-03
405	0.12436	5.70E-04	7.1E-05	1.05E-03	7.41E-08	2.27E-01	1.57E-01	2.65E-09	1.0E+06	2.6E-03
406	0.12376	5.70E-04	7.1E-05	1.05E-03	7.38E-08	2.27E-01	1.57E-01	2.64E-09	1.0E+06	2.6E-03
407	0.12292	5.70E-04	7.0E-05	1.05E-03	7.33E-08	2.27E-01	1.57E-01	2.62E-09	1.0E+06	2.6E-03
408	0.12197	5.70E-04	7.0E-05	1.05E-03	7.27E-08	2.27E-01	1.57E-01	2.60E-09	1.0E+06	2.6E-03
409	0.12096	5.70E-04	6.9E-05	1.05E-03	7.21E-08	2.27E-01	1.57E-01	2.58E-09	1.0E+06	2.6E-03
410	0.11993	5.70E-04	6.8E-05	1.05E-03	7.15E-08	2.27E-01	1.57E-01	2.55E-09	1.0E+06	2.6E-03
411	0.11887	5.70E-04	6.8E-05	1.05E-03	7.08E-08	2.27E-01	1.57E-01	2.53E-09	1.0E+06	2.5E-03
412	0.11781	5.70E-04	6.7E-05	1.05E-03	7.02E-08	2.27E-01	1.57E-01	2.51E-09	1.0E+06	2.5E-03
413	0.11675	5.70E-04	6.7E-05	1.05E-03	6.96E-08	2.27E-01	1.57E-01	2.49E-09	1.0E+06	2.5E-03
414	0.1157	5.70E-04	6.6E-05	1.05E-03	6.90E-08	2.27E-01	1.57E-01	2.46E-09	1.0E+06	2.5E-03
415	0.11466	5.70E-04	6.5E-05	1.05E-03	6.83E-08	2.27E-01	1.57E-01	2.44E-09	1.0E+06	2.4E-03
416	0.11363	5.70E-04	6.5E-05	1.05E-03	6.77E-08	2.27E-01	1.57E-01	2.42E-09	1.0E+06	2.4E-03
417	0.11261	5.70E-04	6.4E-05	1.05E-03	6.71E-08	2.27E-01	1.57E-01	2.40E-09	1.0E+06	2.4E-03
418	0.11935	5.70E-04	6.8E-05	1.05E-03	7.11E-08	2.27E-01	1.57E-01	2.54E-09	1.0E+06	2.5E-03
419	0.11899	5.70E-04	6.8E-05	1.05E-03	7.09E-08	2.27E-01	1.57E-01	2.53E-09	1.0E+06	2.5E-03
420	0.11813	5.70E-04	6.7E-05	1.05E-03	7.04E-08	2.27E-01	1.57E-01	2.52E-09	1.0E+06	2.5E-03
421	0.11719	5.70E-04	6.7E-05	1.05E-03	6.98E-08	2.27E-01	1.57E-01	2.50E-09	1.0E+06	2.5E-03
422	0.11622	5.70E-04	6.6E-05	1.05E-03	6.93E-08	2.27E-01	1.57E-01	2.48E-09	1.0E+06	2.5E-03
423	0.11523	5.70E-04	6.6E-05	1.05E-03	6.87E-08	2.27E-01	1.57E-01	2.45E-09	1.0E+06	2.5E-03
424	0.11423	5.70E-04	6.5E-05	1.05E-03	6.81E-08	2.27E-01	1.57E-01	2.43E-09	1.0E+06	2.4E-03
425	0.11324	5.70E-04	6.5E-05	1.05E-03	6.75E-08	2.27E-01	1.57E-01	2.41E-09	1.0E+06	2.4E-03
426	0.11225	5.70E-04	6.4E-05	1.05E-03	6.69E-08	2.27E-01	1.57E-01	2.39E-09	1.0E+06	2.4E-03
427	0.11127	5.70E-04	6.3E-05	1.05E-03	6.63E-08	2.27E-01	1.57E-01	2.37E-09	1.0E+06	2.4E-03
428	0.1103	5.70E-04	6.3E-05	1.05E-03	6.57E-08	2.27E-01	1.57E-01	2.35E-09	1.0E+06	2.3E-03
429	0.10917	5.70E-04	6.2E-05	1.05E-03	6.51E-08	2.27E-01	1.57E-01	2.33E-09	1.0E+06	2.3E-03
430	0.11159	5.70E-04	6.4E-05	1.05E-03	6.65E-08	2.27E-01	1.57E-01	2.38E-09	1.0E+06	2.4E-03
431	0.11072	5.70E-04	6.3E-05	1.05E-03	6.60E-08	2.27E-01	1.57E-01	2.36E-09	1.0E+06	2.4E-03
432	0.10978	5.70E-04	6.3E-05	1.05E-03	6.54E-08	2.27E-01	1.57E-01	2.34E-09	1.0E+06	2.3E-03
433	0.10894	5.70E-04	6.2E-05	1.05E-03	6.49E-08	2.27E-01	1.57E-01	2.32E-09	1.0E+06	2.3E-03

Berkley WTPF
DREDG Mitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
434	0.10807	5.70E-04	6.2E-05	1.05E-03	6.44E-08	2.27E-01	1.57E-01	2.30E-09	1.0E+06	2.3E-03
435	0.10716	5.70E-04	6.1E-05	1.05E-03	6.39E-08	2.27E-01	1.57E-01	2.28E-09	1.0E+06	2.3E-03

Berkley WTPF
DREDG Mitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
	Residence		
1	5	4.89E-05	4.89E-05
2	5	4.68E-05	4.68E-05
3	5	4.48E-05	4.48E-05
4	5	4.29E-05	4.29E-05
5	5	4.11E-05	4.11E-05
6	5	3.93E-05	3.93E-05
7	5	3.77E-05	3.77E-05
8	5	3.62E-05	3.62E-05
9	5	4.59E-05	4.59E-05
10	5	4.43E-05	4.43E-05
11	5	4.26E-05	4.26E-05
12	5	4.09E-05	4.09E-05
13	5	3.94E-05	3.94E-05
14	5	3.79E-05	3.79E-05
15	5	3.65E-05	3.65E-05
16	5	3.52E-05	3.52E-05
17	5	3.40E-05	3.40E-05
18	5	3.27E-05	3.27E-05
19	5	3.15E-05	3.15E-05
20	5	3.04E-05	3.04E-05
21	5	4.16E-05	4.16E-05
22	5	4.04E-05	4.04E-05
23	5	3.89E-05	3.89E-05
24	5	3.76E-05	3.76E-05
25	5	3.63E-05	3.63E-05
26	5	3.51E-05	3.51E-05
27	5	3.39E-05	3.39E-05
28	5	3.28E-05	3.28E-05
29	5	3.17E-05	3.17E-05
30	5	3.07E-05	3.07E-05

Max	Receptor #	
4.892E-05	1	Res
5.008E-05	459	Park
9.900E-05	1	Total

Berkley WTPF
DREDG Mitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
31	5	2.97E-05	2.97E-05
32	5	2.88E-05	2.88E-05
33	5	2.79E-05	2.79E-05
34	5	2.70E-05	2.70E-05
35	5	2.61E-05	2.61E-05
36	5	2.53E-05	2.53E-05
37	5	3.83E-05	3.83E-05
38	5	3.71E-05	3.71E-05
39	5	3.59E-05	3.59E-05
40	5	3.47E-05	3.47E-05
41	5	3.36E-05	3.36E-05
42	5	3.26E-05	3.26E-05
43	5	3.16E-05	3.16E-05
44	5	3.06E-05	3.06E-05
45	5	2.97E-05	2.97E-05
46	5	2.88E-05	2.88E-05
47	5	2.80E-05	2.80E-05
48	5	2.72E-05	2.72E-05
49	5	2.64E-05	2.64E-05
50	5	2.56E-05	2.56E-05
51	5	2.49E-05	2.49E-05
52	5	2.41E-05	2.41E-05
53	5	2.34E-05	2.34E-05
54	5	2.28E-05	2.28E-05
55	5	2.21E-05	2.21E-05
56	5	3.63E-05	3.63E-05
57	5	3.54E-05	3.54E-05
58	5	3.43E-05	3.43E-05
59	5	3.33E-05	3.33E-05
60	5	3.23E-05	3.23E-05
61	5	3.13E-05	3.13E-05

Berkley WTPF
DREDG Mitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
62	5	3.04E-05	3.04E-05
63	5	2.95E-05	2.95E-05
64	5	2.87E-05	2.87E-05
65	5	2.79E-05	2.79E-05
66	5	2.71E-05	2.71E-05
67	5	2.64E-05	2.64E-05
68	5	2.57E-05	2.57E-05
69	5	2.50E-05	2.50E-05
70	5	2.43E-05	2.43E-05
71	5	2.37E-05	2.37E-05
72	5	2.30E-05	2.30E-05
73	5	2.24E-05	2.24E-05
74	5	2.18E-05	2.18E-05
75	5	2.12E-05	2.12E-05
76	5	3.35E-05	3.35E-05
77	5	3.28E-05	3.28E-05
78	5	3.19E-05	3.19E-05
79	5	3.11E-05	3.11E-05
80	5	3.02E-05	3.02E-05
81	5	2.94E-05	2.94E-05
82	5	2.86E-05	2.86E-05
83	5	2.78E-05	2.78E-05
84	5	2.70E-05	2.70E-05
85	5	2.63E-05	2.63E-05
86	5	2.56E-05	2.56E-05
87	5	2.50E-05	2.50E-05
88	5	2.43E-05	2.43E-05
89	5	2.37E-05	2.37E-05
90	5	2.31E-05	2.31E-05
91	5	2.25E-05	2.25E-05
92	5	2.20E-05	2.20E-05

Berkley WTPF
DREDG Mitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
93	5	2.14E-05	2.14E-05
94	5	2.09E-05	2.09E-05
95	5	2.04E-05	2.04E-05
96	5	1.99E-05	1.99E-05
97	5	1.94E-05	1.94E-05
98	5	3.11E-05	3.11E-05
99	5	3.05E-05	3.05E-05
100	5	2.98E-05	2.98E-05
101	5	2.91E-05	2.91E-05
102	5	2.84E-05	2.84E-05
103	5	2.76E-05	2.76E-05
104	5	2.69E-05	2.69E-05
105	5	2.62E-05	2.62E-05
106	5	2.56E-05	2.56E-05
107	5	2.49E-05	2.49E-05
108	5	2.43E-05	2.43E-05
109	5	2.37E-05	2.37E-05
110	5	2.31E-05	2.31E-05
111	5	2.26E-05	2.26E-05
112	5	2.20E-05	2.20E-05
113	5	2.15E-05	2.15E-05
114	5	2.10E-05	2.10E-05
115	5	2.05E-05	2.05E-05
116	5	2.00E-05	2.00E-05
117	5	1.95E-05	1.95E-05
118	5	1.91E-05	1.91E-05
119	5	1.86E-05	1.86E-05
120	5	1.82E-05	1.82E-05
121	5	2.95E-05	2.95E-05
122	5	2.90E-05	2.90E-05
123	5	2.85E-05	2.85E-05

Berkley WTPF
DREDG Mitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
124	5	2.79E-05	2.79E-05
125	5	2.73E-05	2.73E-05
126	5	2.67E-05	2.67E-05
127	5	2.61E-05	2.61E-05
128	5	2.55E-05	2.55E-05
129	5	2.49E-05	2.49E-05
130	5	2.43E-05	2.43E-05
131	5	2.37E-05	2.37E-05
132	5	2.31E-05	2.31E-05
133	5	2.26E-05	2.26E-05
134	5	2.21E-05	2.21E-05
135	5	2.16E-05	2.16E-05
136	5	2.11E-05	2.11E-05
137	5	2.06E-05	2.06E-05
138	5	2.01E-05	2.01E-05
139	5	1.96E-05	1.96E-05
140	5	1.92E-05	1.92E-05
141	5	1.88E-05	1.88E-05
142	5	1.83E-05	1.83E-05
143	5	1.79E-05	1.79E-05
144	5	1.75E-05	1.75E-05
145	5	2.76E-05	2.76E-05
146	5	2.72E-05	2.72E-05
147	5	2.68E-05	2.68E-05
148	5	2.63E-05	2.63E-05
149	5	2.58E-05	2.58E-05
150	5	2.52E-05	2.52E-05
151	5	2.47E-05	2.47E-05
152	5	2.42E-05	2.42E-05
153	5	2.36E-05	2.36E-05
154	5	2.31E-05	2.31E-05

Berkley WTPF
DREDG Mitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
155	5	2.26E-05	2.26E-05
156	5	2.21E-05	2.21E-05
157	5	2.16E-05	2.16E-05
158	5	2.11E-05	2.11E-05
159	5	2.06E-05	2.06E-05
160	5	2.02E-05	2.02E-05
161	5	1.97E-05	1.97E-05
162	5	1.93E-05	1.93E-05
163	5	1.89E-05	1.89E-05
164	5	1.85E-05	1.85E-05
165	5	1.81E-05	1.81E-05
166	5	1.77E-05	1.77E-05
167	5	1.73E-05	1.73E-05
168	5	2.59E-05	2.59E-05
169	5	2.56E-05	2.56E-05
170	5	2.52E-05	2.52E-05
171	5	2.48E-05	2.48E-05
172	5	2.43E-05	2.43E-05
173	5	2.39E-05	2.39E-05
174	5	2.34E-05	2.34E-05
175	5	2.30E-05	2.30E-05
176	5	2.25E-05	2.25E-05
177	5	2.20E-05	2.20E-05
178	5	2.16E-05	2.16E-05
179	5	2.11E-05	2.11E-05
180	5	2.07E-05	2.07E-05
181	5	2.02E-05	2.02E-05
182	5	1.98E-05	1.98E-05
183	5	1.94E-05	1.94E-05
184	5	1.90E-05	1.90E-05
185	5	1.86E-05	1.86E-05

Berkley WTPF
DREDG Mitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
186	5	1.82E-05	1.82E-05
187	5	1.78E-05	1.78E-05
188	5	1.74E-05	1.74E-05
189	5	1.71E-05	1.71E-05
190	5	1.66E-05	1.66E-05
191	5	2.44E-05	2.44E-05
192	5	2.41E-05	2.41E-05
193	5	2.38E-05	2.38E-05
194	5	2.34E-05	2.34E-05
195	5	2.30E-05	2.30E-05
196	5	2.27E-05	2.27E-05
197	5	2.23E-05	2.23E-05
198	5	2.19E-05	2.19E-05
199	5	2.15E-05	2.15E-05
200	5	2.11E-05	2.11E-05
201	5	1.94E-05	1.94E-05
202	5	1.90E-05	1.90E-05
203	5	1.87E-05	1.87E-05
204	5	1.83E-05	1.83E-05
205	5	1.79E-05	1.79E-05
206	5	1.75E-05	1.75E-05
207	5	1.72E-05	1.72E-05
208	5	1.68E-05	1.68E-05
209	5	1.65E-05	1.65E-05
210	5	1.61E-05	1.61E-05
211	5	2.32E-05	2.32E-05
212	5	2.29E-05	2.29E-05
213	5	2.25E-05	2.25E-05
214	5	2.22E-05	2.22E-05
215	5	2.19E-05	2.19E-05
216	5	2.15E-05	2.15E-05

Berkley WTPF
DREDG Mitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
217	5	2.12E-05	2.12E-05
218	5	2.09E-05	2.09E-05
219	5	2.05E-05	2.05E-05
220	5	1.80E-05	1.80E-05
221	5	1.76E-05	1.76E-05
222	5	1.73E-05	1.73E-05
223	5	1.70E-05	1.70E-05
224	5	1.66E-05	1.66E-05
225	5	1.63E-05	1.63E-05
226	5	1.60E-05	1.60E-05
227	5	2.23E-05	2.23E-05
228	5	2.20E-05	2.20E-05
229	5	2.17E-05	2.17E-05
230	5	2.14E-05	2.14E-05
231	5	2.11E-05	2.11E-05
232	5	2.08E-05	2.08E-05
233	5	2.05E-05	2.05E-05
234	5	2.02E-05	2.02E-05
235	5	1.99E-05	1.99E-05
236	5	1.96E-05	1.96E-05
237	5	1.77E-05	1.77E-05
238	5	1.74E-05	1.74E-05
239	5	1.71E-05	1.71E-05
240	5	1.67E-05	1.67E-05
241	5	1.64E-05	1.64E-05
242	5	1.61E-05	1.61E-05
243	5	1.58E-05	1.58E-05
244	5	1.55E-05	1.55E-05
245	5	2.07E-05	2.07E-05
246	5	2.04E-05	2.04E-05
247	5	2.01E-05	2.01E-05

Berkley WTPF
DREDG Mitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
248	5	1.99E-05	1.99E-05
249	5	1.96E-05	1.96E-05
250	5	1.93E-05	1.93E-05
251	5	1.90E-05	1.90E-05
252	5	1.88E-05	1.88E-05
253	5	1.71E-05	1.71E-05
254	5	1.68E-05	1.68E-05
255	5	1.65E-05	1.65E-05
256	5	1.62E-05	1.62E-05
257	5	1.59E-05	1.59E-05
258	5	1.56E-05	1.56E-05
259	5	1.53E-05	1.53E-05
260	5	1.85E-05	1.85E-05
261	5	1.82E-05	1.82E-05
262	5	1.68E-05	1.68E-05
263	5	1.65E-05	1.65E-05
264	5	1.62E-05	1.62E-05
265	5	1.60E-05	1.60E-05
266	5	1.57E-05	1.57E-05
267	5	1.55E-05	1.55E-05
268	5	1.52E-05	1.52E-05
269	5	1.49E-05	1.49E-05
270	5	1.62E-05	1.62E-05
271	5	1.60E-05	1.60E-05
272	5	1.57E-05	1.57E-05
273	5	1.55E-05	1.55E-05
274	5	1.52E-05	1.52E-05
275	5	1.50E-05	1.50E-05
276	5	1.47E-05	1.47E-05
277	5	1.88E-05	1.88E-05
278	5	1.87E-05	1.87E-05

Berkley WTPF
DREDG Mitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
279	5	1.86E-05	1.86E-05
280	5	1.84E-05	1.84E-05
281	5	1.82E-05	1.82E-05
282	5	1.58E-05	1.58E-05
283	5	1.56E-05	1.56E-05
284	5	1.54E-05	1.54E-05
285	5	1.52E-05	1.52E-05
286	5	1.50E-05	1.50E-05
287	5	1.48E-05	1.48E-05
288	5	1.46E-05	1.46E-05
289	5	1.43E-05	1.43E-05
290	5	1.81E-05	1.81E-05
291	5	1.80E-05	1.80E-05
292	5	1.79E-05	1.79E-05
293	5	1.78E-05	1.78E-05
294	5	1.76E-05	1.76E-05
295	5	1.75E-05	1.75E-05
296	5	1.73E-05	1.73E-05
297	5	1.71E-05	1.71E-05
298	5	1.69E-05	1.69E-05
299	5	1.67E-05	1.67E-05
300	5	1.66E-05	1.66E-05
301	5	1.53E-05	1.53E-05
302	5	1.51E-05	1.51E-05
303	5	1.49E-05	1.49E-05
304	5	1.47E-05	1.47E-05
305	5	1.46E-05	1.46E-05
306	5	1.44E-05	1.44E-05
307	5	1.42E-05	1.42E-05
308	5	1.74E-05	1.74E-05
309	5	1.73E-05	1.73E-05

Berkley WTPF
DREDG Mitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
310	5	1.72E-05	1.72E-05
311	5	1.71E-05	1.71E-05
312	5	1.69E-05	1.69E-05
313	5	1.68E-05	1.68E-05
314	5	1.66E-05	1.66E-05
315	5	1.65E-05	1.65E-05
316	5	1.63E-05	1.63E-05
317	5	1.61E-05	1.61E-05
318	5	1.59E-05	1.59E-05
319	5	1.58E-05	1.58E-05
320	5	1.56E-05	1.56E-05
321	5	1.54E-05	1.54E-05
322	5	1.53E-05	1.53E-05
323	5	1.48E-05	1.48E-05
324	5	1.46E-05	1.46E-05
325	5	1.45E-05	1.45E-05
326	5	1.43E-05	1.43E-05
327	5	1.41E-05	1.41E-05
328	5	1.39E-05	1.39E-05
329	5	1.38E-05	1.38E-05
330	5	1.67E-05	1.67E-05
331	5	1.66E-05	1.66E-05
332	5	1.65E-05	1.65E-05
333	5	1.64E-05	1.64E-05
334	5	1.63E-05	1.63E-05
335	5	1.61E-05	1.61E-05
336	5	1.60E-05	1.60E-05
337	5	1.58E-05	1.58E-05
338	5	1.57E-05	1.57E-05
339	5	1.55E-05	1.55E-05
340	5	1.54E-05	1.54E-05

Berkley WTPF
DREDG Mitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
341	5	1.52E-05	1.52E-05
342	5	1.50E-05	1.50E-05
343	5	1.49E-05	1.49E-05
344	5	1.47E-05	1.47E-05
345	5	1.46E-05	1.46E-05
346	5	1.44E-05	1.44E-05
347	5	1.43E-05	1.43E-05
348	5	1.41E-05	1.41E-05
349	5	1.40E-05	1.40E-05
350	5	1.38E-05	1.38E-05
351	5	1.37E-05	1.37E-05
352	5	1.35E-05	1.35E-05
353	5	1.61E-05	1.61E-05
354	5	1.60E-05	1.60E-05
355	5	1.59E-05	1.59E-05
356	5	1.58E-05	1.58E-05
357	5	1.57E-05	1.57E-05
358	5	1.56E-05	1.56E-05
359	5	1.54E-05	1.54E-05
360	5	1.53E-05	1.53E-05
361	5	1.51E-05	1.51E-05
362	5	1.50E-05	1.50E-05
363	5	1.48E-05	1.48E-05
364	5	1.47E-05	1.47E-05
365	5	1.45E-05	1.45E-05
366	5	1.44E-05	1.44E-05
367	5	1.43E-05	1.43E-05
368	5	1.41E-05	1.41E-05
369	5	1.40E-05	1.40E-05
370	5	1.38E-05	1.38E-05
371	5	1.37E-05	1.37E-05

Berkley WTPF
DREDG Mitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
372	5	1.36E-05	1.36E-05
373	5	1.54E-05	1.54E-05
374	5	1.53E-05	1.53E-05
375	5	1.52E-05	1.52E-05
376	5	1.51E-05	1.51E-05
377	5	1.50E-05	1.50E-05
378	5	1.49E-05	1.49E-05
379	5	1.47E-05	1.47E-05
380	5	1.46E-05	1.46E-05
381	5	1.45E-05	1.45E-05
382	5	1.43E-05	1.43E-05
383	5	1.42E-05	1.42E-05
384	5	1.41E-05	1.41E-05
385	5	1.39E-05	1.39E-05
386	5	1.38E-05	1.38E-05
387	5	1.37E-05	1.37E-05
388	5	1.35E-05	1.35E-05
389	5	1.48E-05	1.48E-05
390	5	1.48E-05	1.48E-05
391	5	1.47E-05	1.47E-05
392	5	1.46E-05	1.46E-05
393	5	1.45E-05	1.45E-05
394	5	1.44E-05	1.44E-05
395	5	1.43E-05	1.43E-05
396	5	1.41E-05	1.41E-05
397	5	1.40E-05	1.40E-05
398	5	1.39E-05	1.39E-05
399	5	1.37E-05	1.37E-05
400	5	1.36E-05	1.36E-05
401	5	1.35E-05	1.35E-05
402	5	1.34E-05	1.34E-05

Berkley WTPF
DREDG Mitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
403	5	1.32E-05	1.32E-05
404	5	1.42E-05	1.42E-05
405	5	1.42E-05	1.42E-05
406	5	1.41E-05	1.41E-05
407	5	1.40E-05	1.40E-05
408	5	1.39E-05	1.39E-05
409	5	1.38E-05	1.38E-05
410	5	1.37E-05	1.37E-05
411	5	1.36E-05	1.36E-05
412	5	1.34E-05	1.34E-05
413	5	1.33E-05	1.33E-05
414	5	1.32E-05	1.32E-05
415	5	1.31E-05	1.31E-05
416	5	1.30E-05	1.30E-05
417	5	1.28E-05	1.28E-05
418	5	1.36E-05	1.36E-05
419	5	1.36E-05	1.36E-05
420	5	1.35E-05	1.35E-05
421	5	1.34E-05	1.34E-05
422	5	1.33E-05	1.33E-05
423	5	1.31E-05	1.31E-05
424	5	1.30E-05	1.30E-05
425	5	1.29E-05	1.29E-05
426	5	1.28E-05	1.28E-05
427	5	1.27E-05	1.27E-05
428	5	1.26E-05	1.26E-05
429	5	1.25E-05	1.25E-05
430	5	1.27E-05	1.27E-05
431	5	1.26E-05	1.26E-05
432	5	1.25E-05	1.25E-05
433	5	1.24E-05	1.24E-05

Berkley WTPF
DREDG Mitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
434	5	1.23E-05	1.23E-05
435	5	1.22E-05	1.22E-05

Berkley WTPF
Pier Mitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
					Residence					
1	1.0162	1.88E-02	1.9E-02	1.05E-03	1.99E-05	1.09E+00	1.57E-01	3.40E-06	1.0E+06	3.4E+00
2	0.97008	1.88E-02	1.8E-02	1.05E-03	1.90E-05	1.09E+00	1.57E-01	3.25E-06	1.0E+06	3.2E+00
3	0.92478	1.88E-02	1.7E-02	1.05E-03	1.81E-05	1.09E+00	1.57E-01	3.10E-06	1.0E+06	3.1E+00
4	0.88051	1.88E-02	1.7E-02	1.05E-03	1.73E-05	1.09E+00	1.57E-01	2.95E-06	1.0E+06	2.9E+00
5	0.83669	1.88E-02	1.6E-02	1.05E-03	1.64E-05	1.09E+00	1.57E-01	2.80E-06	1.0E+06	2.8E+00
6	0.79501	1.88E-02	1.5E-02	1.05E-03	1.56E-05	1.09E+00	1.57E-01	2.66E-06	1.0E+06	2.7E+00
7	0.75556	1.88E-02	1.4E-02	1.05E-03	1.48E-05	1.09E+00	1.57E-01	2.53E-06	1.0E+06	2.5E+00
8	0.71983	1.88E-02	1.3E-02	1.05E-03	1.41E-05	1.09E+00	1.57E-01	2.41E-06	1.0E+06	2.4E+00
9	0.94604	1.88E-02	1.8E-02	1.05E-03	1.85E-05	1.09E+00	1.57E-01	3.17E-06	1.0E+06	3.2E+00
10	0.91445	1.88E-02	1.7E-02	1.05E-03	1.79E-05	1.09E+00	1.57E-01	3.06E-06	1.0E+06	3.1E+00
11	0.87602	1.88E-02	1.6E-02	1.05E-03	1.72E-05	1.09E+00	1.57E-01	2.93E-06	1.0E+06	2.9E+00
12	0.8379	1.88E-02	1.6E-02	1.05E-03	1.64E-05	1.09E+00	1.57E-01	2.81E-06	1.0E+06	2.8E+00
13	0.80108	1.88E-02	1.5E-02	1.05E-03	1.57E-05	1.09E+00	1.57E-01	2.68E-06	1.0E+06	2.7E+00
14	0.7656	1.88E-02	1.4E-02	1.05E-03	1.50E-05	1.09E+00	1.57E-01	2.56E-06	1.0E+06	2.6E+00
15	0.73143	1.88E-02	1.4E-02	1.05E-03	1.43E-05	1.09E+00	1.57E-01	2.45E-06	1.0E+06	2.5E+00
16	0.69863	1.88E-02	1.3E-02	1.05E-03	1.37E-05	1.09E+00	1.57E-01	2.34E-06	1.0E+06	2.3E+00
17	0.66742	1.88E-02	1.3E-02	1.05E-03	1.31E-05	1.09E+00	1.57E-01	2.24E-06	1.0E+06	2.2E+00
18	0.63707	1.88E-02	1.2E-02	1.05E-03	1.25E-05	1.09E+00	1.57E-01	2.13E-06	1.0E+06	2.1E+00
19	0.60775	1.88E-02	1.1E-02	1.05E-03	1.19E-05	1.09E+00	1.57E-01	2.04E-06	1.0E+06	2.0E+00
20	0.58252	1.88E-02	1.1E-02	1.05E-03	1.14E-05	1.09E+00	1.57E-01	1.95E-06	1.0E+06	2.0E+00
21	0.8499	1.88E-02	1.6E-02	1.05E-03	1.67E-05	1.09E+00	1.57E-01	2.85E-06	1.0E+06	2.8E+00
22	0.82615	1.88E-02	1.5E-02	1.05E-03	1.62E-05	1.09E+00	1.57E-01	2.77E-06	1.0E+06	2.8E+00
23	0.79595	1.88E-02	1.5E-02	1.05E-03	1.56E-05	1.09E+00	1.57E-01	2.67E-06	1.0E+06	2.7E+00
24	0.76508	1.88E-02	1.4E-02	1.05E-03	1.50E-05	1.09E+00	1.57E-01	2.56E-06	1.0E+06	2.6E+00
25	0.73451	1.88E-02	1.4E-02	1.05E-03	1.44E-05	1.09E+00	1.57E-01	2.46E-06	1.0E+06	2.5E+00
26	0.70455	1.88E-02	1.3E-02	1.05E-03	1.38E-05	1.09E+00	1.57E-01	2.36E-06	1.0E+06	2.4E+00
27	0.67535	1.88E-02	1.3E-02	1.05E-03	1.32E-05	1.09E+00	1.57E-01	2.26E-06	1.0E+06	2.3E+00
28	0.64701	1.88E-02	1.2E-02	1.05E-03	1.27E-05	1.09E+00	1.57E-01	2.17E-06	1.0E+06	2.2E+00
29	0.61968	1.88E-02	1.2E-02	1.05E-03	1.21E-05	1.09E+00	1.57E-01	2.08E-06	1.0E+06	2.1E+00
30	0.59358	1.88E-02	1.1E-02	1.05E-03	1.16E-05	1.09E+00	1.57E-01	1.99E-06	1.0E+06	2.0E+00

	Max	Receptor #
Res	3.404	1
Park	5.277	467
Total	8.68	1

Berkley WTPF
Pier Mitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
31	0.56892	1.88E-02	1.1E-02	1.05E-03	1.12E-05	1.09E+00	1.57E-01	1.91E-06	1.0E+06	1.9E+00
32	0.54587	1.88E-02	1.0E-02	1.05E-03	1.07E-05	1.09E+00	1.57E-01	1.83E-06	1.0E+06	1.8E+00
33	0.52451	1.88E-02	9.8E-03	1.05E-03	1.03E-05	1.09E+00	1.57E-01	1.76E-06	1.0E+06	1.8E+00
34	0.50482	1.88E-02	9.5E-03	1.05E-03	9.89E-06	1.09E+00	1.57E-01	1.69E-06	1.0E+06	1.7E+00
35	0.48672	1.88E-02	9.1E-03	1.05E-03	9.54E-06	1.09E+00	1.57E-01	1.63E-06	1.0E+06	1.6E+00
36	0.46921	1.88E-02	8.8E-03	1.05E-03	9.20E-06	1.09E+00	1.57E-01	1.57E-06	1.0E+06	1.6E+00
37	0.77197	1.88E-02	1.4E-02	1.05E-03	1.51E-05	1.09E+00	1.57E-01	2.59E-06	1.0E+06	2.6E+00
38	0.75054	1.88E-02	1.4E-02	1.05E-03	1.47E-05	1.09E+00	1.57E-01	2.51E-06	1.0E+06	2.5E+00
39	0.7268	1.88E-02	1.4E-02	1.05E-03	1.42E-05	1.09E+00	1.57E-01	2.43E-06	1.0E+06	2.4E+00
40	0.70222	1.88E-02	1.3E-02	1.05E-03	1.38E-05	1.09E+00	1.57E-01	2.35E-06	1.0E+06	2.4E+00
41	0.67724	1.88E-02	1.3E-02	1.05E-03	1.33E-05	1.09E+00	1.57E-01	2.27E-06	1.0E+06	2.3E+00
42	0.6522	1.88E-02	1.2E-02	1.05E-03	1.28E-05	1.09E+00	1.57E-01	2.18E-06	1.0E+06	2.2E+00
43	0.62734	1.88E-02	1.2E-02	1.05E-03	1.23E-05	1.09E+00	1.57E-01	2.10E-06	1.0E+06	2.1E+00
44	0.60282	1.88E-02	1.1E-02	1.05E-03	1.18E-05	1.09E+00	1.57E-01	2.02E-06	1.0E+06	2.0E+00
45	0.57885	1.88E-02	1.1E-02	1.05E-03	1.13E-05	1.09E+00	1.57E-01	1.94E-06	1.0E+06	1.9E+00
46	0.55561	1.88E-02	1.0E-02	1.05E-03	1.09E-05	1.09E+00	1.57E-01	1.86E-06	1.0E+06	1.9E+00
47	0.53332	1.88E-02	1.0E-02	1.05E-03	1.05E-05	1.09E+00	1.57E-01	1.79E-06	1.0E+06	1.8E+00
48	0.51219	1.88E-02	9.6E-03	1.05E-03	1.00E-05	1.09E+00	1.57E-01	1.72E-06	1.0E+06	1.7E+00
49	0.49238	1.88E-02	9.2E-03	1.05E-03	9.65E-06	1.09E+00	1.57E-01	1.65E-06	1.0E+06	1.6E+00
50	0.47397	1.88E-02	8.9E-03	1.05E-03	9.29E-06	1.09E+00	1.57E-01	1.59E-06	1.0E+06	1.6E+00
51	0.45697	1.88E-02	8.6E-03	1.05E-03	8.96E-06	1.09E+00	1.57E-01	1.53E-06	1.0E+06	1.5E+00
52	0.44109	1.88E-02	8.3E-03	1.05E-03	8.65E-06	1.09E+00	1.57E-01	1.48E-06	1.0E+06	1.5E+00
53	0.42619	1.88E-02	8.0E-03	1.05E-03	8.35E-06	1.09E+00	1.57E-01	1.43E-06	1.0E+06	1.4E+00
54	0.41296	1.88E-02	7.7E-03	1.05E-03	8.09E-06	1.09E+00	1.57E-01	1.38E-06	1.0E+06	1.4E+00
55	0.40025	1.88E-02	7.5E-03	1.05E-03	7.85E-06	1.09E+00	1.57E-01	1.34E-06	1.0E+06	1.3E+00
56	0.71855	1.88E-02	1.3E-02	1.05E-03	1.41E-05	1.09E+00	1.57E-01	2.41E-06	1.0E+06	2.4E+00
57	0.7032	1.88E-02	1.3E-02	1.05E-03	1.38E-05	1.09E+00	1.57E-01	2.36E-06	1.0E+06	2.4E+00
58	0.68497	1.88E-02	1.3E-02	1.05E-03	1.34E-05	1.09E+00	1.57E-01	2.29E-06	1.0E+06	2.3E+00
59	0.66622	1.88E-02	1.2E-02	1.05E-03	1.31E-05	1.09E+00	1.57E-01	2.23E-06	1.0E+06	2.2E+00
60	0.64676	1.88E-02	1.2E-02	1.05E-03	1.27E-05	1.09E+00	1.57E-01	2.17E-06	1.0E+06	2.2E+00
61	0.62666	1.88E-02	1.2E-02	1.05E-03	1.23E-05	1.09E+00	1.57E-01	2.10E-06	1.0E+06	2.1E+00

Berkley WTPF
Pier Mitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
62	0.6061	1.88E-02	1.1E-02	1.05E-03	1.19E-05	1.09E+00	1.57E-01	2.03E-06	1.0E+06	2.0E+00
63	0.58525	1.88E-02	1.1E-02	1.05E-03	1.15E-05	1.09E+00	1.57E-01	1.96E-06	1.0E+06	2.0E+00
64	0.56429	1.88E-02	1.1E-02	1.05E-03	1.11E-05	1.09E+00	1.57E-01	1.89E-06	1.0E+06	1.9E+00
65	0.54341	1.88E-02	1.0E-02	1.05E-03	1.07E-05	1.09E+00	1.57E-01	1.82E-06	1.0E+06	1.8E+00
66	0.52283	1.88E-02	9.8E-03	1.05E-03	1.02E-05	1.09E+00	1.57E-01	1.75E-06	1.0E+06	1.8E+00
67	0.50276	1.88E-02	9.4E-03	1.05E-03	9.85E-06	1.09E+00	1.57E-01	1.68E-06	1.0E+06	1.7E+00
68	0.48342	1.88E-02	9.1E-03	1.05E-03	9.48E-06	1.09E+00	1.57E-01	1.62E-06	1.0E+06	1.6E+00
69	0.46502	1.88E-02	8.7E-03	1.05E-03	9.11E-06	1.09E+00	1.57E-01	1.56E-06	1.0E+06	1.6E+00
70	0.4477	1.88E-02	8.4E-03	1.05E-03	8.78E-06	1.09E+00	1.57E-01	1.50E-06	1.0E+06	1.5E+00
71	0.43156	1.88E-02	8.1E-03	1.05E-03	8.46E-06	1.09E+00	1.57E-01	1.45E-06	1.0E+06	1.4E+00
72	0.41663	1.88E-02	7.8E-03	1.05E-03	8.17E-06	1.09E+00	1.57E-01	1.40E-06	1.0E+06	1.4E+00
73	0.40286	1.88E-02	7.6E-03	1.05E-03	7.90E-06	1.09E+00	1.57E-01	1.35E-06	1.0E+06	1.3E+00
74	0.39021	1.88E-02	7.3E-03	1.05E-03	7.65E-06	1.09E+00	1.57E-01	1.31E-06	1.0E+06	1.3E+00
75	0.37815	1.88E-02	7.1E-03	1.05E-03	7.41E-06	1.09E+00	1.57E-01	1.27E-06	1.0E+06	1.3E+00
76	0.6555	1.88E-02	1.2E-02	1.05E-03	1.28E-05	1.09E+00	1.57E-01	2.20E-06	1.0E+06	2.2E+00
77	0.6429	1.88E-02	1.2E-02	1.05E-03	1.26E-05	1.09E+00	1.57E-01	2.15E-06	1.0E+06	2.2E+00
78	0.62797	1.88E-02	1.2E-02	1.05E-03	1.23E-05	1.09E+00	1.57E-01	2.10E-06	1.0E+06	2.1E+00
79	0.61287	1.88E-02	1.1E-02	1.05E-03	1.20E-05	1.09E+00	1.57E-01	2.05E-06	1.0E+06	2.1E+00
80	0.59734	1.88E-02	1.1E-02	1.05E-03	1.17E-05	1.09E+00	1.57E-01	2.00E-06	1.0E+06	2.0E+00
81	0.58124	1.88E-02	1.1E-02	1.05E-03	1.14E-05	1.09E+00	1.57E-01	1.95E-06	1.0E+06	1.9E+00
82	0.56459	1.88E-02	1.1E-02	1.05E-03	1.11E-05	1.09E+00	1.57E-01	1.89E-06	1.0E+06	1.9E+00
83	0.54742	1.88E-02	1.0E-02	1.05E-03	1.07E-05	1.09E+00	1.57E-01	1.83E-06	1.0E+06	1.8E+00
84	0.52982	1.88E-02	9.9E-03	1.05E-03	1.04E-05	1.09E+00	1.57E-01	1.77E-06	1.0E+06	1.8E+00
85	0.51193	1.88E-02	9.6E-03	1.05E-03	1.00E-05	1.09E+00	1.57E-01	1.72E-06	1.0E+06	1.7E+00
86	0.49394	1.88E-02	9.3E-03	1.05E-03	9.68E-06	1.09E+00	1.57E-01	1.65E-06	1.0E+06	1.7E+00
87	0.47607	1.88E-02	8.9E-03	1.05E-03	9.33E-06	1.09E+00	1.57E-01	1.59E-06	1.0E+06	1.6E+00
88	0.45853	1.88E-02	8.6E-03	1.05E-03	8.99E-06	1.09E+00	1.57E-01	1.54E-06	1.0E+06	1.5E+00
89	0.44155	1.88E-02	8.3E-03	1.05E-03	8.65E-06	1.09E+00	1.57E-01	1.48E-06	1.0E+06	1.5E+00
90	0.42532	1.88E-02	8.0E-03	1.05E-03	8.34E-06	1.09E+00	1.57E-01	1.42E-06	1.0E+06	1.4E+00
91	0.40998	1.88E-02	7.7E-03	1.05E-03	8.04E-06	1.09E+00	1.57E-01	1.37E-06	1.0E+06	1.4E+00
92	0.39563	1.88E-02	7.4E-03	1.05E-03	7.75E-06	1.09E+00	1.57E-01	1.33E-06	1.0E+06	1.3E+00

Berkley WTPF
Pier Mitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
93	0.38233	1.88E-02	7.2E-03	1.05E-03	7.49E-06	1.09E+00	1.57E-01	1.28E-06	1.0E+06	1.3E+00
94	0.37005	1.88E-02	6.9E-03	1.05E-03	7.25E-06	1.09E+00	1.57E-01	1.24E-06	1.0E+06	1.2E+00
95	0.35874	1.88E-02	6.7E-03	1.05E-03	7.03E-06	1.09E+00	1.57E-01	1.20E-06	1.0E+06	1.2E+00
96	0.34835	1.88E-02	6.5E-03	1.05E-03	6.83E-06	1.09E+00	1.57E-01	1.17E-06	1.0E+06	1.2E+00
97	0.33878	1.88E-02	6.4E-03	1.05E-03	6.64E-06	1.09E+00	1.57E-01	1.13E-06	1.0E+06	1.1E+00
98	0.60124	1.88E-02	1.1E-02	1.05E-03	1.18E-05	1.09E+00	1.57E-01	2.01E-06	1.0E+06	2.0E+00
99	0.59076	1.88E-02	1.1E-02	1.05E-03	1.16E-05	1.09E+00	1.57E-01	1.98E-06	1.0E+06	2.0E+00
100	0.57827	1.88E-02	1.1E-02	1.05E-03	1.13E-05	1.09E+00	1.57E-01	1.94E-06	1.0E+06	1.9E+00
101	0.5658	1.88E-02	1.1E-02	1.05E-03	1.11E-05	1.09E+00	1.57E-01	1.90E-06	1.0E+06	1.9E+00
102	0.55317	1.88E-02	1.0E-02	1.05E-03	1.08E-05	1.09E+00	1.57E-01	1.85E-06	1.0E+06	1.9E+00
103	0.54019	1.88E-02	1.0E-02	1.05E-03	1.06E-05	1.09E+00	1.57E-01	1.81E-06	1.0E+06	1.8E+00
104	0.52674	1.88E-02	9.9E-03	1.05E-03	1.03E-05	1.09E+00	1.57E-01	1.76E-06	1.0E+06	1.8E+00
105	0.51278	1.88E-02	9.6E-03	1.05E-03	1.01E-05	1.09E+00	1.57E-01	1.72E-06	1.0E+06	1.7E+00
106	0.49826	1.88E-02	9.3E-03	1.05E-03	9.77E-06	1.09E+00	1.57E-01	1.67E-06	1.0E+06	1.7E+00
107	0.48324	1.88E-02	9.1E-03	1.05E-03	9.47E-06	1.09E+00	1.57E-01	1.62E-06	1.0E+06	1.6E+00
108	0.46781	1.88E-02	8.8E-03	1.05E-03	9.17E-06	1.09E+00	1.57E-01	1.57E-06	1.0E+06	1.6E+00
109	0.45217	1.88E-02	8.5E-03	1.05E-03	8.86E-06	1.09E+00	1.57E-01	1.51E-06	1.0E+06	1.5E+00
110	0.43651	1.88E-02	8.2E-03	1.05E-03	8.56E-06	1.09E+00	1.57E-01	1.46E-06	1.0E+06	1.5E+00
111	0.42105	1.88E-02	7.9E-03	1.05E-03	8.25E-06	1.09E+00	1.57E-01	1.41E-06	1.0E+06	1.4E+00
112	0.40599	1.88E-02	7.6E-03	1.05E-03	7.96E-06	1.09E+00	1.57E-01	1.36E-06	1.0E+06	1.4E+00
113	0.39153	1.88E-02	7.3E-03	1.05E-03	7.67E-06	1.09E+00	1.57E-01	1.31E-06	1.0E+06	1.3E+00
114	0.3778	1.88E-02	7.1E-03	1.05E-03	7.41E-06	1.09E+00	1.57E-01	1.27E-06	1.0E+06	1.3E+00
115	0.36492	1.88E-02	6.8E-03	1.05E-03	7.15E-06	1.09E+00	1.57E-01	1.22E-06	1.0E+06	1.2E+00
116	0.35293	1.88E-02	6.6E-03	1.05E-03	6.92E-06	1.09E+00	1.57E-01	1.18E-06	1.0E+06	1.2E+00
117	0.34184	1.88E-02	6.4E-03	1.05E-03	6.70E-06	1.09E+00	1.57E-01	1.15E-06	1.0E+06	1.1E+00
118	0.33162	1.88E-02	6.2E-03	1.05E-03	6.50E-06	1.09E+00	1.57E-01	1.11E-06	1.0E+06	1.1E+00
119	0.32222	1.88E-02	6.0E-03	1.05E-03	6.32E-06	1.09E+00	1.57E-01	1.08E-06	1.0E+06	1.1E+00
120	0.31321	1.88E-02	5.9E-03	1.05E-03	6.14E-06	1.09E+00	1.57E-01	1.05E-06	1.0E+06	1.0E+00
121	0.56103	1.88E-02	1.1E-02	1.05E-03	1.10E-05	1.09E+00	1.57E-01	1.88E-06	1.0E+06	1.9E+00
122	0.55406	1.88E-02	1.0E-02	1.05E-03	1.09E-05	1.09E+00	1.57E-01	1.86E-06	1.0E+06	1.9E+00
123	0.5453	1.88E-02	1.0E-02	1.05E-03	1.07E-05	1.09E+00	1.57E-01	1.83E-06	1.0E+06	1.8E+00

Berkley WTPF
Pier Mitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
124	0.53469	1.88E-02	1.0E-02	1.05E-03	1.05E-05	1.09E+00	1.57E-01	1.79E-06	1.0E+06	1.8E+00
125	0.52416	1.88E-02	9.8E-03	1.05E-03	1.03E-05	1.09E+00	1.57E-01	1.76E-06	1.0E+06	1.8E+00
126	0.51367	1.88E-02	9.6E-03	1.05E-03	1.01E-05	1.09E+00	1.57E-01	1.72E-06	1.0E+06	1.7E+00
127	0.50303	1.88E-02	9.4E-03	1.05E-03	9.86E-06	1.09E+00	1.57E-01	1.69E-06	1.0E+06	1.7E+00
128	0.4921	1.88E-02	9.2E-03	1.05E-03	9.65E-06	1.09E+00	1.57E-01	1.65E-06	1.0E+06	1.6E+00
129	0.48077	1.88E-02	9.0E-03	1.05E-03	9.42E-06	1.09E+00	1.57E-01	1.61E-06	1.0E+06	1.6E+00
130	0.46894	1.88E-02	8.8E-03	1.05E-03	9.19E-06	1.09E+00	1.57E-01	1.57E-06	1.0E+06	1.6E+00
131	0.45655	1.88E-02	8.6E-03	1.05E-03	8.95E-06	1.09E+00	1.57E-01	1.53E-06	1.0E+06	1.5E+00
132	0.44359	1.88E-02	8.3E-03	1.05E-03	8.69E-06	1.09E+00	1.57E-01	1.49E-06	1.0E+06	1.5E+00
133	0.43018	1.88E-02	8.1E-03	1.05E-03	8.43E-06	1.09E+00	1.57E-01	1.44E-06	1.0E+06	1.4E+00
134	0.41646	1.88E-02	7.8E-03	1.05E-03	8.16E-06	1.09E+00	1.57E-01	1.40E-06	1.0E+06	1.4E+00
135	0.40264	1.88E-02	7.6E-03	1.05E-03	7.89E-06	1.09E+00	1.57E-01	1.35E-06	1.0E+06	1.3E+00
136	0.38892	1.88E-02	7.3E-03	1.05E-03	7.62E-06	1.09E+00	1.57E-01	1.30E-06	1.0E+06	1.3E+00
137	0.37547	1.88E-02	7.0E-03	1.05E-03	7.36E-06	1.09E+00	1.57E-01	1.26E-06	1.0E+06	1.3E+00
138	0.36249	1.88E-02	6.8E-03	1.05E-03	7.10E-06	1.09E+00	1.57E-01	1.21E-06	1.0E+06	1.2E+00
139	0.3501	1.88E-02	6.6E-03	1.05E-03	6.86E-06	1.09E+00	1.57E-01	1.17E-06	1.0E+06	1.2E+00
140	0.33843	1.88E-02	6.3E-03	1.05E-03	6.63E-06	1.09E+00	1.57E-01	1.13E-06	1.0E+06	1.1E+00
141	0.32753	1.88E-02	6.1E-03	1.05E-03	6.42E-06	1.09E+00	1.57E-01	1.10E-06	1.0E+06	1.1E+00
142	0.31742	1.88E-02	6.0E-03	1.05E-03	6.22E-06	1.09E+00	1.57E-01	1.06E-06	1.0E+06	1.1E+00
143	0.30809	1.88E-02	5.8E-03	1.05E-03	6.04E-06	1.09E+00	1.57E-01	1.03E-06	1.0E+06	1.0E+00
144	0.29885	1.88E-02	5.6E-03	1.05E-03	5.86E-06	1.09E+00	1.57E-01	1.00E-06	1.0E+06	1.0E+00
145	0.51835	1.88E-02	9.7E-03	1.05E-03	1.02E-05	1.09E+00	1.57E-01	1.74E-06	1.0E+06	1.7E+00
146	0.51265	1.88E-02	9.6E-03	1.05E-03	1.00E-05	1.09E+00	1.57E-01	1.72E-06	1.0E+06	1.7E+00
147	0.50531	1.88E-02	9.5E-03	1.05E-03	9.90E-06	1.09E+00	1.57E-01	1.69E-06	1.0E+06	1.7E+00
148	0.49624	1.88E-02	9.3E-03	1.05E-03	9.73E-06	1.09E+00	1.57E-01	1.66E-06	1.0E+06	1.7E+00
149	0.48722	1.88E-02	9.1E-03	1.05E-03	9.55E-06	1.09E+00	1.57E-01	1.63E-06	1.0E+06	1.6E+00
150	0.47831	1.88E-02	9.0E-03	1.05E-03	9.38E-06	1.09E+00	1.57E-01	1.60E-06	1.0E+06	1.6E+00
151	0.46942	1.88E-02	8.8E-03	1.05E-03	9.20E-06	1.09E+00	1.57E-01	1.57E-06	1.0E+06	1.6E+00
152	0.46041	1.88E-02	8.6E-03	1.05E-03	9.02E-06	1.09E+00	1.57E-01	1.54E-06	1.0E+06	1.5E+00
153	0.45116	1.88E-02	8.5E-03	1.05E-03	8.84E-06	1.09E+00	1.57E-01	1.51E-06	1.0E+06	1.5E+00
154	0.44154	1.88E-02	8.3E-03	1.05E-03	8.65E-06	1.09E+00	1.57E-01	1.48E-06	1.0E+06	1.5E+00

Berkley WTPF
Pier Mitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
155	0.43143	1.88E-02	8.1E-03	1.05E-03	8.46E-06	1.09E+00	1.57E-01	1.45E-06	1.0E+06	1.4E+00
156	0.42074	1.88E-02	7.9E-03	1.05E-03	8.25E-06	1.09E+00	1.57E-01	1.41E-06	1.0E+06	1.4E+00
157	0.40947	1.88E-02	7.7E-03	1.05E-03	8.03E-06	1.09E+00	1.57E-01	1.37E-06	1.0E+06	1.4E+00
158	0.39772	1.88E-02	7.5E-03	1.05E-03	7.80E-06	1.09E+00	1.57E-01	1.33E-06	1.0E+06	1.3E+00
159	0.38562	1.88E-02	7.2E-03	1.05E-03	7.56E-06	1.09E+00	1.57E-01	1.29E-06	1.0E+06	1.3E+00
160	0.37336	1.88E-02	7.0E-03	1.05E-03	7.32E-06	1.09E+00	1.57E-01	1.25E-06	1.0E+06	1.3E+00
161	0.3611	1.88E-02	6.8E-03	1.05E-03	7.08E-06	1.09E+00	1.57E-01	1.21E-06	1.0E+06	1.2E+00
162	0.34902	1.88E-02	6.5E-03	1.05E-03	6.84E-06	1.09E+00	1.57E-01	1.17E-06	1.0E+06	1.2E+00
163	0.33729	1.88E-02	6.3E-03	1.05E-03	6.61E-06	1.09E+00	1.57E-01	1.13E-06	1.0E+06	1.1E+00
164	0.32605	1.88E-02	6.1E-03	1.05E-03	6.39E-06	1.09E+00	1.57E-01	1.09E-06	1.0E+06	1.1E+00
165	0.31541	1.88E-02	5.9E-03	1.05E-03	6.18E-06	1.09E+00	1.57E-01	1.06E-06	1.0E+06	1.1E+00
166	0.30543	1.88E-02	5.7E-03	1.05E-03	5.99E-06	1.09E+00	1.57E-01	1.02E-06	1.0E+06	1.0E+00
167	0.29605	1.88E-02	5.6E-03	1.05E-03	5.80E-06	1.09E+00	1.57E-01	9.92E-07	1.0E+06	9.9E-01
168	0.48073	1.88E-02	9.0E-03	1.05E-03	9.42E-06	1.09E+00	1.57E-01	1.61E-06	1.0E+06	1.6E+00
169	0.47604	1.88E-02	8.9E-03	1.05E-03	9.33E-06	1.09E+00	1.57E-01	1.59E-06	1.0E+06	1.6E+00
170	0.46987	1.88E-02	8.8E-03	1.05E-03	9.21E-06	1.09E+00	1.57E-01	1.57E-06	1.0E+06	1.6E+00
171	0.4621	1.88E-02	8.7E-03	1.05E-03	9.06E-06	1.09E+00	1.57E-01	1.55E-06	1.0E+06	1.5E+00
172	0.45431	1.88E-02	8.5E-03	1.05E-03	8.90E-06	1.09E+00	1.57E-01	1.52E-06	1.0E+06	1.5E+00
173	0.44662	1.88E-02	8.4E-03	1.05E-03	8.75E-06	1.09E+00	1.57E-01	1.50E-06	1.0E+06	1.5E+00
174	0.43904	1.88E-02	8.2E-03	1.05E-03	8.61E-06	1.09E+00	1.57E-01	1.47E-06	1.0E+06	1.5E+00
175	0.43148	1.88E-02	8.1E-03	1.05E-03	8.46E-06	1.09E+00	1.57E-01	1.45E-06	1.0E+06	1.4E+00
176	0.42381	1.88E-02	7.9E-03	1.05E-03	8.31E-06	1.09E+00	1.57E-01	1.42E-06	1.0E+06	1.4E+00
177	0.41593	1.88E-02	7.8E-03	1.05E-03	8.15E-06	1.09E+00	1.57E-01	1.39E-06	1.0E+06	1.4E+00
178	0.4077	1.88E-02	7.6E-03	1.05E-03	7.99E-06	1.09E+00	1.57E-01	1.37E-06	1.0E+06	1.4E+00
179	0.39899	1.88E-02	7.5E-03	1.05E-03	7.82E-06	1.09E+00	1.57E-01	1.34E-06	1.0E+06	1.3E+00
180	0.3897	1.88E-02	7.3E-03	1.05E-03	7.64E-06	1.09E+00	1.57E-01	1.31E-06	1.0E+06	1.3E+00
181	0.37983	1.88E-02	7.1E-03	1.05E-03	7.44E-06	1.09E+00	1.57E-01	1.27E-06	1.0E+06	1.3E+00
182	0.36947	1.88E-02	6.9E-03	1.05E-03	7.24E-06	1.09E+00	1.57E-01	1.24E-06	1.0E+06	1.2E+00
183	0.35874	1.88E-02	6.7E-03	1.05E-03	7.03E-06	1.09E+00	1.57E-01	1.20E-06	1.0E+06	1.2E+00
184	0.34779	1.88E-02	6.5E-03	1.05E-03	6.82E-06	1.09E+00	1.57E-01	1.17E-06	1.0E+06	1.2E+00
185	0.33679	1.88E-02	6.3E-03	1.05E-03	6.60E-06	1.09E+00	1.57E-01	1.13E-06	1.0E+06	1.1E+00

Berkley WTPF
Pier Mitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
186	0.32589	1.88E-02	6.1E-03	1.05E-03	6.39E-06	1.09E+00	1.57E-01	1.09E-06	1.0E+06	1.1E+00
187	0.31525	1.88E-02	5.9E-03	1.05E-03	6.18E-06	1.09E+00	1.57E-01	1.06E-06	1.0E+06	1.1E+00
188	0.305	1.88E-02	5.7E-03	1.05E-03	5.98E-06	1.09E+00	1.57E-01	1.02E-06	1.0E+06	1.0E+00
189	0.29524	1.88E-02	5.5E-03	1.05E-03	5.79E-06	1.09E+00	1.57E-01	9.89E-07	1.0E+06	9.9E-01
190	0.28471	1.88E-02	5.3E-03	1.05E-03	5.58E-06	1.09E+00	1.57E-01	9.54E-07	1.0E+06	9.5E-01
191	0.4486	1.88E-02	8.4E-03	1.05E-03	8.79E-06	1.09E+00	1.57E-01	1.50E-06	1.0E+06	1.5E+00
192	0.44395	1.88E-02	8.3E-03	1.05E-03	8.70E-06	1.09E+00	1.57E-01	1.49E-06	1.0E+06	1.5E+00
193	0.43827	1.88E-02	8.2E-03	1.05E-03	8.59E-06	1.09E+00	1.57E-01	1.47E-06	1.0E+06	1.5E+00
194	0.43158	1.88E-02	8.1E-03	1.05E-03	8.46E-06	1.09E+00	1.57E-01	1.45E-06	1.0E+06	1.4E+00
195	0.42482	1.88E-02	8.0E-03	1.05E-03	8.33E-06	1.09E+00	1.57E-01	1.42E-06	1.0E+06	1.4E+00
196	0.41813	1.88E-02	7.8E-03	1.05E-03	8.20E-06	1.09E+00	1.57E-01	1.40E-06	1.0E+06	1.4E+00
197	0.41156	1.88E-02	7.7E-03	1.05E-03	8.07E-06	1.09E+00	1.57E-01	1.38E-06	1.0E+06	1.4E+00
198	0.40509	1.88E-02	7.6E-03	1.05E-03	7.94E-06	1.09E+00	1.57E-01	1.36E-06	1.0E+06	1.4E+00
199	0.39863	1.88E-02	7.5E-03	1.05E-03	7.81E-06	1.09E+00	1.57E-01	1.34E-06	1.0E+06	1.3E+00
200	0.39209	1.88E-02	7.4E-03	1.05E-03	7.69E-06	1.09E+00	1.57E-01	1.31E-06	1.0E+06	1.3E+00
201	0.36256	1.88E-02	6.8E-03	1.05E-03	7.11E-06	1.09E+00	1.57E-01	1.21E-06	1.0E+06	1.2E+00
202	0.35386	1.88E-02	6.6E-03	1.05E-03	6.94E-06	1.09E+00	1.57E-01	1.19E-06	1.0E+06	1.2E+00
203	0.34468	1.88E-02	6.5E-03	1.05E-03	6.76E-06	1.09E+00	1.57E-01	1.15E-06	1.0E+06	1.2E+00
204	0.33511	1.88E-02	6.3E-03	1.05E-03	6.57E-06	1.09E+00	1.57E-01	1.12E-06	1.0E+06	1.1E+00
205	0.3253	1.88E-02	6.1E-03	1.05E-03	6.38E-06	1.09E+00	1.57E-01	1.09E-06	1.0E+06	1.1E+00
206	0.31538	1.88E-02	5.9E-03	1.05E-03	6.18E-06	1.09E+00	1.57E-01	1.06E-06	1.0E+06	1.1E+00
207	0.30551	1.88E-02	5.7E-03	1.05E-03	5.99E-06	1.09E+00	1.57E-01	1.02E-06	1.0E+06	1.0E+00
208	0.29581	1.88E-02	5.5E-03	1.05E-03	5.80E-06	1.09E+00	1.57E-01	9.91E-07	1.0E+06	9.9E-01
209	0.28643	1.88E-02	5.4E-03	1.05E-03	5.61E-06	1.09E+00	1.57E-01	9.60E-07	1.0E+06	9.6E-01
210	0.27566	1.88E-02	5.2E-03	1.05E-03	5.40E-06	1.09E+00	1.57E-01	9.23E-07	1.0E+06	9.2E-01
211	0.42043	1.88E-02	7.9E-03	1.05E-03	8.24E-06	1.09E+00	1.57E-01	1.41E-06	1.0E+06	1.4E+00
212	0.41541	1.88E-02	7.8E-03	1.05E-03	8.14E-06	1.09E+00	1.57E-01	1.39E-06	1.0E+06	1.4E+00
213	0.40991	1.88E-02	7.7E-03	1.05E-03	8.03E-06	1.09E+00	1.57E-01	1.37E-06	1.0E+06	1.4E+00
214	0.40416	1.88E-02	7.6E-03	1.05E-03	7.92E-06	1.09E+00	1.57E-01	1.35E-06	1.0E+06	1.4E+00
215	0.39829	1.88E-02	7.5E-03	1.05E-03	7.81E-06	1.09E+00	1.57E-01	1.33E-06	1.0E+06	1.3E+00
216	0.39242	1.88E-02	7.4E-03	1.05E-03	7.69E-06	1.09E+00	1.57E-01	1.31E-06	1.0E+06	1.3E+00

Berkley WTPF
Pier Mitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
217	0.38667	1.88E-02	7.3E-03	1.05E-03	7.58E-06	1.09E+00	1.57E-01	1.30E-06	1.0E+06	1.3E+00
218	0.38103	1.88E-02	7.1E-03	1.05E-03	7.47E-06	1.09E+00	1.57E-01	1.28E-06	1.0E+06	1.3E+00
219	0.37549	1.88E-02	7.0E-03	1.05E-03	7.36E-06	1.09E+00	1.57E-01	1.26E-06	1.0E+06	1.3E+00
220	0.33094	1.88E-02	6.2E-03	1.05E-03	6.49E-06	1.09E+00	1.57E-01	1.11E-06	1.0E+06	1.1E+00
221	0.32276	1.88E-02	6.1E-03	1.05E-03	6.33E-06	1.09E+00	1.57E-01	1.08E-06	1.0E+06	1.1E+00
222	0.31419	1.88E-02	5.9E-03	1.05E-03	6.16E-06	1.09E+00	1.57E-01	1.05E-06	1.0E+06	1.1E+00
223	0.30536	1.88E-02	5.7E-03	1.05E-03	5.99E-06	1.09E+00	1.57E-01	1.02E-06	1.0E+06	1.0E+00
224	0.29639	1.88E-02	5.6E-03	1.05E-03	5.81E-06	1.09E+00	1.57E-01	9.93E-07	1.0E+06	9.9E-01
225	0.2874	1.88E-02	5.4E-03	1.05E-03	5.63E-06	1.09E+00	1.57E-01	9.63E-07	1.0E+06	9.6E-01
226	0.27849	1.88E-02	5.2E-03	1.05E-03	5.46E-06	1.09E+00	1.57E-01	9.33E-07	1.0E+06	9.3E-01
227	0.39696	1.88E-02	7.4E-03	1.05E-03	7.78E-06	1.09E+00	1.57E-01	1.33E-06	1.0E+06	1.3E+00
228	0.39348	1.88E-02	7.4E-03	1.05E-03	7.71E-06	1.09E+00	1.57E-01	1.32E-06	1.0E+06	1.3E+00
229	0.38909	1.88E-02	7.3E-03	1.05E-03	7.63E-06	1.09E+00	1.57E-01	1.30E-06	1.0E+06	1.3E+00
230	0.38436	1.88E-02	7.2E-03	1.05E-03	7.53E-06	1.09E+00	1.57E-01	1.29E-06	1.0E+06	1.3E+00
231	0.37939	1.88E-02	7.1E-03	1.05E-03	7.44E-06	1.09E+00	1.57E-01	1.27E-06	1.0E+06	1.3E+00
232	0.37428	1.88E-02	7.0E-03	1.05E-03	7.34E-06	1.09E+00	1.57E-01	1.25E-06	1.0E+06	1.3E+00
233	0.36914	1.88E-02	6.9E-03	1.05E-03	7.24E-06	1.09E+00	1.57E-01	1.24E-06	1.0E+06	1.2E+00
234	0.36406	1.88E-02	6.8E-03	1.05E-03	7.14E-06	1.09E+00	1.57E-01	1.22E-06	1.0E+06	1.2E+00
235	0.35909	1.88E-02	6.7E-03	1.05E-03	7.04E-06	1.09E+00	1.57E-01	1.20E-06	1.0E+06	1.2E+00
236	0.35426	1.88E-02	6.6E-03	1.05E-03	6.94E-06	1.09E+00	1.57E-01	1.19E-06	1.0E+06	1.2E+00
237	0.32377	1.88E-02	6.1E-03	1.05E-03	6.35E-06	1.09E+00	1.57E-01	1.08E-06	1.0E+06	1.1E+00
238	0.31743	1.88E-02	6.0E-03	1.05E-03	6.22E-06	1.09E+00	1.57E-01	1.06E-06	1.0E+06	1.1E+00
239	0.31057	1.88E-02	5.8E-03	1.05E-03	6.09E-06	1.09E+00	1.57E-01	1.04E-06	1.0E+06	1.0E+00
240	0.30325	1.88E-02	5.7E-03	1.05E-03	5.94E-06	1.09E+00	1.57E-01	1.02E-06	1.0E+06	1.0E+00
241	0.29554	1.88E-02	5.5E-03	1.05E-03	5.79E-06	1.09E+00	1.57E-01	9.90E-07	1.0E+06	9.9E-01
242	0.28757	1.88E-02	5.4E-03	1.05E-03	5.64E-06	1.09E+00	1.57E-01	9.63E-07	1.0E+06	9.6E-01
243	0.27914	1.88E-02	5.2E-03	1.05E-03	5.47E-06	1.09E+00	1.57E-01	9.35E-07	1.0E+06	9.4E-01
244	0.27034	1.88E-02	5.1E-03	1.05E-03	5.30E-06	1.09E+00	1.57E-01	9.06E-07	1.0E+06	9.1E-01
245	0.36534	1.88E-02	6.9E-03	1.05E-03	7.16E-06	1.09E+00	1.57E-01	1.22E-06	1.0E+06	1.2E+00
246	0.36123	1.88E-02	6.8E-03	1.05E-03	7.08E-06	1.09E+00	1.57E-01	1.21E-06	1.0E+06	1.2E+00
247	0.35692	1.88E-02	6.7E-03	1.05E-03	7.00E-06	1.09E+00	1.57E-01	1.20E-06	1.0E+06	1.2E+00

Berkley WTPF
Pier Mitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
248	0.35247	1.88E-02	6.6E-03	1.05E-03	6.91E-06	1.09E+00	1.57E-01	1.18E-06	1.0E+06	1.2E+00
249	0.34795	1.88E-02	6.5E-03	1.05E-03	6.82E-06	1.09E+00	1.57E-01	1.17E-06	1.0E+06	1.2E+00
250	0.34346	1.88E-02	6.4E-03	1.05E-03	6.73E-06	1.09E+00	1.57E-01	1.15E-06	1.0E+06	1.2E+00
251	0.33905	1.88E-02	6.4E-03	1.05E-03	6.65E-06	1.09E+00	1.57E-01	1.14E-06	1.0E+06	1.1E+00
252	0.33477	1.88E-02	6.3E-03	1.05E-03	6.56E-06	1.09E+00	1.57E-01	1.12E-06	1.0E+06	1.1E+00
253	0.30928	1.88E-02	5.8E-03	1.05E-03	6.06E-06	1.09E+00	1.57E-01	1.04E-06	1.0E+06	1.0E+00
254	0.30413	1.88E-02	5.7E-03	1.05E-03	5.96E-06	1.09E+00	1.57E-01	1.02E-06	1.0E+06	1.0E+00
255	0.29849	1.88E-02	5.6E-03	1.05E-03	5.85E-06	1.09E+00	1.57E-01	1.00E-06	1.0E+06	1.0E+00
256	0.29236	1.88E-02	5.5E-03	1.05E-03	5.73E-06	1.09E+00	1.57E-01	9.79E-07	1.0E+06	9.8E-01
257	0.28578	1.88E-02	5.4E-03	1.05E-03	5.60E-06	1.09E+00	1.57E-01	9.57E-07	1.0E+06	9.6E-01
258	0.27883	1.88E-02	5.2E-03	1.05E-03	5.47E-06	1.09E+00	1.57E-01	9.34E-07	1.0E+06	9.3E-01
259	0.27108	1.88E-02	5.1E-03	1.05E-03	5.31E-06	1.09E+00	1.57E-01	9.08E-07	1.0E+06	9.1E-01
260	0.32463	1.88E-02	6.1E-03	1.05E-03	6.36E-06	1.09E+00	1.57E-01	1.09E-06	1.0E+06	1.1E+00
261	0.3207	1.88E-02	6.0E-03	1.05E-03	6.29E-06	1.09E+00	1.57E-01	1.07E-06	1.0E+06	1.1E+00
262	0.29907	1.88E-02	5.6E-03	1.05E-03	5.86E-06	1.09E+00	1.57E-01	1.00E-06	1.0E+06	1.0E+00
263	0.29525	1.88E-02	5.5E-03	1.05E-03	5.79E-06	1.09E+00	1.57E-01	9.89E-07	1.0E+06	9.9E-01
264	0.29111	1.88E-02	5.5E-03	1.05E-03	5.71E-06	1.09E+00	1.57E-01	9.75E-07	1.0E+06	9.8E-01
265	0.28653	1.88E-02	5.4E-03	1.05E-03	5.62E-06	1.09E+00	1.57E-01	9.60E-07	1.0E+06	9.6E-01
266	0.28149	1.88E-02	5.3E-03	1.05E-03	5.52E-06	1.09E+00	1.57E-01	9.43E-07	1.0E+06	9.4E-01
267	0.27598	1.88E-02	5.2E-03	1.05E-03	5.41E-06	1.09E+00	1.57E-01	9.25E-07	1.0E+06	9.2E-01
268	0.27002	1.88E-02	5.1E-03	1.05E-03	5.29E-06	1.09E+00	1.57E-01	9.05E-07	1.0E+06	9.0E-01
269	0.26301	1.88E-02	4.9E-03	1.05E-03	5.16E-06	1.09E+00	1.57E-01	8.81E-07	1.0E+06	8.8E-01
270	0.2849	1.88E-02	5.3E-03	1.05E-03	5.58E-06	1.09E+00	1.57E-01	9.54E-07	1.0E+06	9.5E-01
271	0.28178	1.88E-02	5.3E-03	1.05E-03	5.52E-06	1.09E+00	1.57E-01	9.44E-07	1.0E+06	9.4E-01
272	0.27844	1.88E-02	5.2E-03	1.05E-03	5.46E-06	1.09E+00	1.57E-01	9.33E-07	1.0E+06	9.3E-01
273	0.27476	1.88E-02	5.2E-03	1.05E-03	5.39E-06	1.09E+00	1.57E-01	9.20E-07	1.0E+06	9.2E-01
274	0.27068	1.88E-02	5.1E-03	1.05E-03	5.31E-06	1.09E+00	1.57E-01	9.07E-07	1.0E+06	9.1E-01
275	0.26616	1.88E-02	5.0E-03	1.05E-03	5.22E-06	1.09E+00	1.57E-01	8.92E-07	1.0E+06	8.9E-01
276	0.26065	1.88E-02	4.9E-03	1.05E-03	5.11E-06	1.09E+00	1.57E-01	8.73E-07	1.0E+06	8.7E-01
277	0.31636	1.88E-02	5.9E-03	1.05E-03	6.20E-06	1.09E+00	1.57E-01	1.06E-06	1.0E+06	1.1E+00
278	0.31532	1.88E-02	5.9E-03	1.05E-03	6.18E-06	1.09E+00	1.57E-01	1.06E-06	1.0E+06	1.1E+00

Berkley WTPF
Pier Mitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
279	0.31351	1.88E-02	5.9E-03	1.05E-03	6.14E-06	1.09E+00	1.57E-01	1.05E-06	1.0E+06	1.1E+00
280	0.31144	1.88E-02	5.8E-03	1.05E-03	6.10E-06	1.09E+00	1.57E-01	1.04E-06	1.0E+06	1.0E+00
281	0.30908	1.88E-02	5.8E-03	1.05E-03	6.06E-06	1.09E+00	1.57E-01	1.04E-06	1.0E+06	1.0E+00
282	0.27406	1.88E-02	5.1E-03	1.05E-03	5.37E-06	1.09E+00	1.57E-01	9.18E-07	1.0E+06	9.2E-01
283	0.27151	1.88E-02	5.1E-03	1.05E-03	5.32E-06	1.09E+00	1.57E-01	9.10E-07	1.0E+06	9.1E-01
284	0.26892	1.88E-02	5.0E-03	1.05E-03	5.27E-06	1.09E+00	1.57E-01	9.01E-07	1.0E+06	9.0E-01
285	0.26621	1.88E-02	5.0E-03	1.05E-03	5.22E-06	1.09E+00	1.57E-01	8.92E-07	1.0E+06	8.9E-01
286	0.26326	1.88E-02	4.9E-03	1.05E-03	5.16E-06	1.09E+00	1.57E-01	8.82E-07	1.0E+06	8.8E-01
287	0.25999	1.88E-02	4.9E-03	1.05E-03	5.10E-06	1.09E+00	1.57E-01	8.71E-07	1.0E+06	8.7E-01
288	0.25633	1.88E-02	4.8E-03	1.05E-03	5.02E-06	1.09E+00	1.57E-01	8.59E-07	1.0E+06	8.6E-01
289	0.25128	1.88E-02	4.7E-03	1.05E-03	4.93E-06	1.09E+00	1.57E-01	8.42E-07	1.0E+06	8.4E-01
290	0.30115	1.88E-02	5.6E-03	1.05E-03	5.90E-06	1.09E+00	1.57E-01	1.01E-06	1.0E+06	1.0E+00
291	0.29995	1.88E-02	5.6E-03	1.05E-03	5.88E-06	1.09E+00	1.57E-01	1.00E-06	1.0E+06	1.0E+00
292	0.29826	1.88E-02	5.6E-03	1.05E-03	5.85E-06	1.09E+00	1.57E-01	9.99E-07	1.0E+06	1.0E+00
293	0.29656	1.88E-02	5.6E-03	1.05E-03	5.81E-06	1.09E+00	1.57E-01	9.94E-07	1.0E+06	9.9E-01
294	0.29469	1.88E-02	5.5E-03	1.05E-03	5.78E-06	1.09E+00	1.57E-01	9.87E-07	1.0E+06	9.9E-01
295	0.29256	1.88E-02	5.5E-03	1.05E-03	5.73E-06	1.09E+00	1.57E-01	9.80E-07	1.0E+06	9.8E-01
296	0.29021	1.88E-02	5.4E-03	1.05E-03	5.69E-06	1.09E+00	1.57E-01	9.72E-07	1.0E+06	9.7E-01
297	0.28768	1.88E-02	5.4E-03	1.05E-03	5.64E-06	1.09E+00	1.57E-01	9.64E-07	1.0E+06	9.6E-01
298	0.28505	1.88E-02	5.3E-03	1.05E-03	5.59E-06	1.09E+00	1.57E-01	9.55E-07	1.0E+06	9.5E-01
299	0.28236	1.88E-02	5.3E-03	1.05E-03	5.53E-06	1.09E+00	1.57E-01	9.46E-07	1.0E+06	9.5E-01
300	0.27962	1.88E-02	5.2E-03	1.05E-03	5.48E-06	1.09E+00	1.57E-01	9.37E-07	1.0E+06	9.4E-01
301	0.26113	1.88E-02	4.9E-03	1.05E-03	5.12E-06	1.09E+00	1.57E-01	8.75E-07	1.0E+06	8.7E-01
302	0.25891	1.88E-02	4.9E-03	1.05E-03	5.07E-06	1.09E+00	1.57E-01	8.67E-07	1.0E+06	8.7E-01
303	0.25672	1.88E-02	4.8E-03	1.05E-03	5.03E-06	1.09E+00	1.57E-01	8.60E-07	1.0E+06	8.6E-01
304	0.25449	1.88E-02	4.8E-03	1.05E-03	4.99E-06	1.09E+00	1.57E-01	8.53E-07	1.0E+06	8.5E-01
305	0.25212	1.88E-02	4.7E-03	1.05E-03	4.94E-06	1.09E+00	1.57E-01	8.45E-07	1.0E+06	8.4E-01
306	0.24951	1.88E-02	4.7E-03	1.05E-03	4.89E-06	1.09E+00	1.57E-01	8.36E-07	1.0E+06	8.4E-01
307	0.24658	1.88E-02	4.6E-03	1.05E-03	4.83E-06	1.09E+00	1.57E-01	8.26E-07	1.0E+06	8.3E-01
308	0.28538	1.88E-02	5.4E-03	1.05E-03	5.59E-06	1.09E+00	1.57E-01	9.56E-07	1.0E+06	9.6E-01
309	0.28426	1.88E-02	5.3E-03	1.05E-03	5.57E-06	1.09E+00	1.57E-01	9.52E-07	1.0E+06	9.5E-01

Berkley WTPF
Pier Mitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
310	0.2827	1.88E-02	5.3E-03	1.05E-03	5.54E-06	1.09E+00	1.57E-01	9.47E-07	1.0E+06	9.5E-01
311	0.28114	1.88E-02	5.3E-03	1.05E-03	5.51E-06	1.09E+00	1.57E-01	9.42E-07	1.0E+06	9.4E-01
312	0.27942	1.88E-02	5.2E-03	1.05E-03	5.48E-06	1.09E+00	1.57E-01	9.36E-07	1.0E+06	9.4E-01
313	0.27749	1.88E-02	5.2E-03	1.05E-03	5.44E-06	1.09E+00	1.57E-01	9.30E-07	1.0E+06	9.3E-01
314	0.27534	1.88E-02	5.2E-03	1.05E-03	5.40E-06	1.09E+00	1.57E-01	9.22E-07	1.0E+06	9.2E-01
315	0.27304	1.88E-02	5.1E-03	1.05E-03	5.35E-06	1.09E+00	1.57E-01	9.15E-07	1.0E+06	9.1E-01
316	0.27066	1.88E-02	5.1E-03	1.05E-03	5.31E-06	1.09E+00	1.57E-01	9.07E-07	1.0E+06	9.1E-01
317	0.26823	1.88E-02	5.0E-03	1.05E-03	5.26E-06	1.09E+00	1.57E-01	8.99E-07	1.0E+06	9.0E-01
318	0.26578	1.88E-02	5.0E-03	1.05E-03	5.21E-06	1.09E+00	1.57E-01	8.90E-07	1.0E+06	8.9E-01
319	0.2633	1.88E-02	4.9E-03	1.05E-03	5.16E-06	1.09E+00	1.57E-01	8.82E-07	1.0E+06	8.8E-01
320	0.26079	1.88E-02	4.9E-03	1.05E-03	5.11E-06	1.09E+00	1.57E-01	8.74E-07	1.0E+06	8.7E-01
321	0.25828	1.88E-02	4.8E-03	1.05E-03	5.06E-06	1.09E+00	1.57E-01	8.65E-07	1.0E+06	8.7E-01
322	0.25581	1.88E-02	4.8E-03	1.05E-03	5.01E-06	1.09E+00	1.57E-01	8.57E-07	1.0E+06	8.6E-01
323	0.24907	1.88E-02	4.7E-03	1.05E-03	4.88E-06	1.09E+00	1.57E-01	8.34E-07	1.0E+06	8.3E-01
324	0.24709	1.88E-02	4.6E-03	1.05E-03	4.84E-06	1.09E+00	1.57E-01	8.28E-07	1.0E+06	8.3E-01
325	0.2452	1.88E-02	4.6E-03	1.05E-03	4.81E-06	1.09E+00	1.57E-01	8.21E-07	1.0E+06	8.2E-01
326	0.24332	1.88E-02	4.6E-03	1.05E-03	4.77E-06	1.09E+00	1.57E-01	8.15E-07	1.0E+06	8.2E-01
327	0.24139	1.88E-02	4.5E-03	1.05E-03	4.73E-06	1.09E+00	1.57E-01	8.09E-07	1.0E+06	8.1E-01
328	0.23931	1.88E-02	4.5E-03	1.05E-03	4.69E-06	1.09E+00	1.57E-01	8.02E-07	1.0E+06	8.0E-01
329	0.23699	1.88E-02	4.4E-03	1.05E-03	4.65E-06	1.09E+00	1.57E-01	7.94E-07	1.0E+06	7.9E-01
330	0.27103	1.88E-02	5.1E-03	1.05E-03	5.31E-06	1.09E+00	1.57E-01	9.08E-07	1.0E+06	9.1E-01
331	0.26998	1.88E-02	5.1E-03	1.05E-03	5.29E-06	1.09E+00	1.57E-01	9.04E-07	1.0E+06	9.0E-01
332	0.26852	1.88E-02	5.0E-03	1.05E-03	5.26E-06	1.09E+00	1.57E-01	9.00E-07	1.0E+06	9.0E-01
333	0.26707	1.88E-02	5.0E-03	1.05E-03	5.23E-06	1.09E+00	1.57E-01	8.95E-07	1.0E+06	8.9E-01
334	0.26548	1.88E-02	5.0E-03	1.05E-03	5.20E-06	1.09E+00	1.57E-01	8.89E-07	1.0E+06	8.9E-01
335	0.2637	1.88E-02	4.9E-03	1.05E-03	5.17E-06	1.09E+00	1.57E-01	8.83E-07	1.0E+06	8.8E-01
336	0.26172	1.88E-02	4.9E-03	1.05E-03	5.13E-06	1.09E+00	1.57E-01	8.77E-07	1.0E+06	8.8E-01
337	0.25961	1.88E-02	4.9E-03	1.05E-03	5.09E-06	1.09E+00	1.57E-01	8.70E-07	1.0E+06	8.7E-01
338	0.25742	1.88E-02	4.8E-03	1.05E-03	5.05E-06	1.09E+00	1.57E-01	8.62E-07	1.0E+06	8.6E-01
339	0.25521	1.88E-02	4.8E-03	1.05E-03	5.00E-06	1.09E+00	1.57E-01	8.55E-07	1.0E+06	8.5E-01
340	0.25299	1.88E-02	4.7E-03	1.05E-03	4.96E-06	1.09E+00	1.57E-01	8.48E-07	1.0E+06	8.5E-01

Berkley WTPF
Pier Mitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
341	0.25076	1.88E-02	4.7E-03	1.05E-03	4.92E-06	1.09E+00	1.57E-01	8.40E-07	1.0E+06	8.4E-01
342	0.24851	1.88E-02	4.7E-03	1.05E-03	4.87E-06	1.09E+00	1.57E-01	8.33E-07	1.0E+06	8.3E-01
343	0.24625	1.88E-02	4.6E-03	1.05E-03	4.83E-06	1.09E+00	1.57E-01	8.25E-07	1.0E+06	8.2E-01
344	0.24401	1.88E-02	4.6E-03	1.05E-03	4.78E-06	1.09E+00	1.57E-01	8.17E-07	1.0E+06	8.2E-01
345	0.24182	1.88E-02	4.5E-03	1.05E-03	4.74E-06	1.09E+00	1.57E-01	8.10E-07	1.0E+06	8.1E-01
346	0.23975	1.88E-02	4.5E-03	1.05E-03	4.70E-06	1.09E+00	1.57E-01	8.03E-07	1.0E+06	8.0E-01
347	0.23781	1.88E-02	4.5E-03	1.05E-03	4.66E-06	1.09E+00	1.57E-01	7.97E-07	1.0E+06	8.0E-01
348	0.23602	1.88E-02	4.4E-03	1.05E-03	4.63E-06	1.09E+00	1.57E-01	7.91E-07	1.0E+06	7.9E-01
349	0.23434	1.88E-02	4.4E-03	1.05E-03	4.59E-06	1.09E+00	1.57E-01	7.85E-07	1.0E+06	7.9E-01
350	0.23273	1.88E-02	4.4E-03	1.05E-03	4.56E-06	1.09E+00	1.57E-01	7.80E-07	1.0E+06	7.8E-01
351	0.23089	1.88E-02	4.3E-03	1.05E-03	4.53E-06	1.09E+00	1.57E-01	7.74E-07	1.0E+06	7.7E-01
352	0.22908	1.88E-02	4.3E-03	1.05E-03	4.49E-06	1.09E+00	1.57E-01	7.67E-07	1.0E+06	7.7E-01
353	0.25792	1.88E-02	4.8E-03	1.05E-03	5.06E-06	1.09E+00	1.57E-01	8.64E-07	1.0E+06	8.6E-01
354	0.25693	1.88E-02	4.8E-03	1.05E-03	5.04E-06	1.09E+00	1.57E-01	8.61E-07	1.0E+06	8.6E-01
355	0.25556	1.88E-02	4.8E-03	1.05E-03	5.01E-06	1.09E+00	1.57E-01	8.56E-07	1.0E+06	8.6E-01
356	0.2542	1.88E-02	4.8E-03	1.05E-03	4.98E-06	1.09E+00	1.57E-01	8.52E-07	1.0E+06	8.5E-01
357	0.25272	1.88E-02	4.7E-03	1.05E-03	4.95E-06	1.09E+00	1.57E-01	8.47E-07	1.0E+06	8.5E-01
358	0.25107	1.88E-02	4.7E-03	1.05E-03	4.92E-06	1.09E+00	1.57E-01	8.41E-07	1.0E+06	8.4E-01
359	0.24923	1.88E-02	4.7E-03	1.05E-03	4.89E-06	1.09E+00	1.57E-01	8.35E-07	1.0E+06	8.3E-01
360	0.24727	1.88E-02	4.6E-03	1.05E-03	4.85E-06	1.09E+00	1.57E-01	8.28E-07	1.0E+06	8.3E-01
361	0.24524	1.88E-02	4.6E-03	1.05E-03	4.81E-06	1.09E+00	1.57E-01	8.22E-07	1.0E+06	8.2E-01
362	0.2432	1.88E-02	4.6E-03	1.05E-03	4.77E-06	1.09E+00	1.57E-01	8.15E-07	1.0E+06	8.1E-01
363	0.24116	1.88E-02	4.5E-03	1.05E-03	4.73E-06	1.09E+00	1.57E-01	8.08E-07	1.0E+06	8.1E-01
364	0.23914	1.88E-02	4.5E-03	1.05E-03	4.69E-06	1.09E+00	1.57E-01	8.01E-07	1.0E+06	8.0E-01
365	0.23711	1.88E-02	4.4E-03	1.05E-03	4.65E-06	1.09E+00	1.57E-01	7.94E-07	1.0E+06	7.9E-01
366	0.23507	1.88E-02	4.4E-03	1.05E-03	4.61E-06	1.09E+00	1.57E-01	7.88E-07	1.0E+06	7.9E-01
367	0.23303	1.88E-02	4.4E-03	1.05E-03	4.57E-06	1.09E+00	1.57E-01	7.81E-07	1.0E+06	7.8E-01
368	0.23103	1.88E-02	4.3E-03	1.05E-03	4.53E-06	1.09E+00	1.57E-01	7.74E-07	1.0E+06	7.7E-01
369	0.2291	1.88E-02	4.3E-03	1.05E-03	4.49E-06	1.09E+00	1.57E-01	7.68E-07	1.0E+06	7.7E-01
370	0.22726	1.88E-02	4.3E-03	1.05E-03	4.45E-06	1.09E+00	1.57E-01	7.61E-07	1.0E+06	7.6E-01
371	0.22558	1.88E-02	4.2E-03	1.05E-03	4.42E-06	1.09E+00	1.57E-01	7.56E-07	1.0E+06	7.6E-01

Berkley WTPF
Pier Mitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
372	0.22404	1.88E-02	4.2E-03	1.05E-03	4.39E-06	1.09E+00	1.57E-01	7.51E-07	1.0E+06	7.5E-01
373	0.24498	1.88E-02	4.6E-03	1.05E-03	4.80E-06	1.09E+00	1.57E-01	8.21E-07	1.0E+06	8.2E-01
374	0.24369	1.88E-02	4.6E-03	1.05E-03	4.78E-06	1.09E+00	1.57E-01	8.16E-07	1.0E+06	8.2E-01
375	0.24241	1.88E-02	4.5E-03	1.05E-03	4.75E-06	1.09E+00	1.57E-01	8.12E-07	1.0E+06	8.1E-01
376	0.24102	1.88E-02	4.5E-03	1.05E-03	4.72E-06	1.09E+00	1.57E-01	8.07E-07	1.0E+06	8.1E-01
377	0.23947	1.88E-02	4.5E-03	1.05E-03	4.69E-06	1.09E+00	1.57E-01	8.02E-07	1.0E+06	8.0E-01
378	0.23775	1.88E-02	4.5E-03	1.05E-03	4.66E-06	1.09E+00	1.57E-01	7.96E-07	1.0E+06	8.0E-01
379	0.23591	1.88E-02	4.4E-03	1.05E-03	4.62E-06	1.09E+00	1.57E-01	7.90E-07	1.0E+06	7.9E-01
380	0.23401	1.88E-02	4.4E-03	1.05E-03	4.59E-06	1.09E+00	1.57E-01	7.84E-07	1.0E+06	7.8E-01
381	0.2321	1.88E-02	4.4E-03	1.05E-03	4.55E-06	1.09E+00	1.57E-01	7.78E-07	1.0E+06	7.8E-01
382	0.23022	1.88E-02	4.3E-03	1.05E-03	4.51E-06	1.09E+00	1.57E-01	7.71E-07	1.0E+06	7.7E-01
383	0.22836	1.88E-02	4.3E-03	1.05E-03	4.48E-06	1.09E+00	1.57E-01	7.65E-07	1.0E+06	7.7E-01
384	0.22651	1.88E-02	4.2E-03	1.05E-03	4.44E-06	1.09E+00	1.57E-01	7.59E-07	1.0E+06	7.6E-01
385	0.22465	1.88E-02	4.2E-03	1.05E-03	4.40E-06	1.09E+00	1.57E-01	7.53E-07	1.0E+06	7.5E-01
386	0.2228	1.88E-02	4.2E-03	1.05E-03	4.37E-06	1.09E+00	1.57E-01	7.46E-07	1.0E+06	7.5E-01
387	0.22096	1.88E-02	4.1E-03	1.05E-03	4.33E-06	1.09E+00	1.57E-01	7.40E-07	1.0E+06	7.4E-01
388	0.21898	1.88E-02	4.1E-03	1.05E-03	4.29E-06	1.09E+00	1.57E-01	7.34E-07	1.0E+06	7.3E-01
389	0.23354	1.88E-02	4.4E-03	1.05E-03	4.58E-06	1.09E+00	1.57E-01	7.82E-07	1.0E+06	7.8E-01
390	0.23233	1.88E-02	4.4E-03	1.05E-03	4.55E-06	1.09E+00	1.57E-01	7.78E-07	1.0E+06	7.8E-01
391	0.2314	1.88E-02	4.3E-03	1.05E-03	4.54E-06	1.09E+00	1.57E-01	7.75E-07	1.0E+06	7.8E-01
392	0.23027	1.88E-02	4.3E-03	1.05E-03	4.51E-06	1.09E+00	1.57E-01	7.71E-07	1.0E+06	7.7E-01
393	0.2288	1.88E-02	4.3E-03	1.05E-03	4.48E-06	1.09E+00	1.57E-01	7.67E-07	1.0E+06	7.7E-01
394	0.22718	1.88E-02	4.3E-03	1.05E-03	4.45E-06	1.09E+00	1.57E-01	7.61E-07	1.0E+06	7.6E-01
395	0.22545	1.88E-02	4.2E-03	1.05E-03	4.42E-06	1.09E+00	1.57E-01	7.55E-07	1.0E+06	7.6E-01
396	0.22365	1.88E-02	4.2E-03	1.05E-03	4.38E-06	1.09E+00	1.57E-01	7.49E-07	1.0E+06	7.5E-01
397	0.22185	1.88E-02	4.2E-03	1.05E-03	4.35E-06	1.09E+00	1.57E-01	7.43E-07	1.0E+06	7.4E-01
398	0.22008	1.88E-02	4.1E-03	1.05E-03	4.31E-06	1.09E+00	1.57E-01	7.37E-07	1.0E+06	7.4E-01
399	0.21835	1.88E-02	4.1E-03	1.05E-03	4.28E-06	1.09E+00	1.57E-01	7.31E-07	1.0E+06	7.3E-01
400	0.21665	1.88E-02	4.1E-03	1.05E-03	4.25E-06	1.09E+00	1.57E-01	7.26E-07	1.0E+06	7.3E-01
401	0.21495	1.88E-02	4.0E-03	1.05E-03	4.21E-06	1.09E+00	1.57E-01	7.20E-07	1.0E+06	7.2E-01
402	0.21326	1.88E-02	4.0E-03	1.05E-03	4.18E-06	1.09E+00	1.57E-01	7.14E-07	1.0E+06	7.1E-01

Berkley WTPF
Pier Mitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
403	0.21157	1.88E-02	4.0E-03	1.05E-03	4.15E-06	1.09E+00	1.57E-01	7.09E-07	1.0E+06	7.1E-01
404	0.22156	1.88E-02	4.2E-03	1.05E-03	4.34E-06	1.09E+00	1.57E-01	7.42E-07	1.0E+06	7.4E-01
405	0.22109	1.88E-02	4.1E-03	1.05E-03	4.33E-06	1.09E+00	1.57E-01	7.41E-07	1.0E+06	7.4E-01
406	0.22028	1.88E-02	4.1E-03	1.05E-03	4.32E-06	1.09E+00	1.57E-01	7.38E-07	1.0E+06	7.4E-01
407	0.21897	1.88E-02	4.1E-03	1.05E-03	4.29E-06	1.09E+00	1.57E-01	7.34E-07	1.0E+06	7.3E-01
408	0.21744	1.88E-02	4.1E-03	1.05E-03	4.26E-06	1.09E+00	1.57E-01	7.28E-07	1.0E+06	7.3E-01
409	0.21579	1.88E-02	4.0E-03	1.05E-03	4.23E-06	1.09E+00	1.57E-01	7.23E-07	1.0E+06	7.2E-01
410	0.21408	1.88E-02	4.0E-03	1.05E-03	4.20E-06	1.09E+00	1.57E-01	7.17E-07	1.0E+06	7.2E-01
411	0.21237	1.88E-02	4.0E-03	1.05E-03	4.16E-06	1.09E+00	1.57E-01	7.11E-07	1.0E+06	7.1E-01
412	0.21069	1.88E-02	4.0E-03	1.05E-03	4.13E-06	1.09E+00	1.57E-01	7.06E-07	1.0E+06	7.1E-01
413	0.20906	1.88E-02	3.9E-03	1.05E-03	4.10E-06	1.09E+00	1.57E-01	7.00E-07	1.0E+06	7.0E-01
414	0.20747	1.88E-02	3.9E-03	1.05E-03	4.07E-06	1.09E+00	1.57E-01	6.95E-07	1.0E+06	7.0E-01
415	0.20591	1.88E-02	3.9E-03	1.05E-03	4.04E-06	1.09E+00	1.57E-01	6.90E-07	1.0E+06	6.9E-01
416	0.20435	1.88E-02	3.8E-03	1.05E-03	4.01E-06	1.09E+00	1.57E-01	6.85E-07	1.0E+06	6.8E-01
417	0.20277	1.88E-02	3.8E-03	1.05E-03	3.97E-06	1.09E+00	1.57E-01	6.79E-07	1.0E+06	6.8E-01
418	0.21016	1.88E-02	3.9E-03	1.05E-03	4.12E-06	1.09E+00	1.57E-01	7.04E-07	1.0E+06	7.0E-01
419	0.20982	1.88E-02	3.9E-03	1.05E-03	4.11E-06	1.09E+00	1.57E-01	7.03E-07	1.0E+06	7.0E-01
420	0.20844	1.88E-02	3.9E-03	1.05E-03	4.09E-06	1.09E+00	1.57E-01	6.98E-07	1.0E+06	7.0E-01
421	0.20687	1.88E-02	3.9E-03	1.05E-03	4.05E-06	1.09E+00	1.57E-01	6.93E-07	1.0E+06	6.9E-01
422	0.20523	1.88E-02	3.8E-03	1.05E-03	4.02E-06	1.09E+00	1.57E-01	6.88E-07	1.0E+06	6.9E-01
423	0.20359	1.88E-02	3.8E-03	1.05E-03	3.99E-06	1.09E+00	1.57E-01	6.82E-07	1.0E+06	6.8E-01
424	0.20199	1.88E-02	3.8E-03	1.05E-03	3.96E-06	1.09E+00	1.57E-01	6.77E-07	1.0E+06	6.8E-01
425	0.20044	1.88E-02	3.8E-03	1.05E-03	3.93E-06	1.09E+00	1.57E-01	6.71E-07	1.0E+06	6.7E-01
426	0.19894	1.88E-02	3.7E-03	1.05E-03	3.90E-06	1.09E+00	1.57E-01	6.66E-07	1.0E+06	6.7E-01
427	0.19747	1.88E-02	3.7E-03	1.05E-03	3.87E-06	1.09E+00	1.57E-01	6.62E-07	1.0E+06	6.6E-01
428	0.19603	1.88E-02	3.7E-03	1.05E-03	3.84E-06	1.09E+00	1.57E-01	6.57E-07	1.0E+06	6.6E-01
429	0.19422	1.88E-02	3.6E-03	1.05E-03	3.81E-06	1.09E+00	1.57E-01	6.51E-07	1.0E+06	6.5E-01
430	0.195	1.88E-02	3.7E-03	1.05E-03	3.82E-06	1.09E+00	1.57E-01	6.53E-07	1.0E+06	6.5E-01
431	0.19359	1.88E-02	3.6E-03	1.05E-03	3.79E-06	1.09E+00	1.57E-01	6.49E-07	1.0E+06	6.5E-01
432	0.1921	1.88E-02	3.6E-03	1.05E-03	3.77E-06	1.09E+00	1.57E-01	6.44E-07	1.0E+06	6.4E-01
433	0.19087	1.88E-02	3.6E-03	1.05E-03	3.74E-06	1.09E+00	1.57E-01	6.39E-07	1.0E+06	6.4E-01

Berkley WTPF
Pier Mitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
434	0.18961	1.88E-02	3.6E-03	1.05E-03	3.72E-06	1.09E+00	1.57E-01	6.35E-07	1.0E+06	6.4E-01
435	0.18825	1.88E-02	3.5E-03	1.05E-03	3.69E-06	1.09E+00	1.57E-01	6.31E-07	1.0E+06	6.3E-01

Berkley WTPF
Pier Mitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
		Residence	
1	5	3.81E-03	3.81E-03
2	5	3.64E-03	3.64E-03
3	5	3.47E-03	3.47E-03
4	5	3.30E-03	3.30E-03
5	5	3.14E-03	3.14E-03
6	5	2.98E-03	2.98E-03
7	5	2.83E-03	2.83E-03
8	5	2.70E-03	2.70E-03
9	5	3.55E-03	3.55E-03
10	5	3.43E-03	3.43E-03
11	5	3.29E-03	3.29E-03
12	5	3.14E-03	3.14E-03
13	5	3.00E-03	3.00E-03
14	5	2.87E-03	2.87E-03
15	5	2.74E-03	2.74E-03
16	5	2.62E-03	2.62E-03
17	5	2.50E-03	2.50E-03
18	5	2.39E-03	2.39E-03
19	5	2.28E-03	2.28E-03
20	5	2.18E-03	2.18E-03
21	5	3.19E-03	3.19E-03
22	5	3.10E-03	3.10E-03
23	5	2.99E-03	2.99E-03
24	5	2.87E-03	2.87E-03
25	5	2.75E-03	2.75E-03
26	5	2.64E-03	2.64E-03
27	5	2.53E-03	2.53E-03
28	5	2.43E-03	2.43E-03
29	5	2.32E-03	2.32E-03
30	5	2.23E-03	2.23E-03

Max	Receptor #	
4.892E-05	1	Res
0.000	459	Park
0.000	1	Total

Berkley WTPF
Pier Mitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
31	5	2.13E-03	2.13E-03
32	5	2.05E-03	2.05E-03
33	5	1.97E-03	1.97E-03
34	5	1.89E-03	1.89E-03
35	5	1.83E-03	1.83E-03
36	5	1.76E-03	1.76E-03
37	5	2.90E-03	2.90E-03
38	5	2.81E-03	2.81E-03
39	5	2.73E-03	2.73E-03
40	5	2.63E-03	2.63E-03
41	5	2.54E-03	2.54E-03
42	5	2.45E-03	2.45E-03
43	5	2.35E-03	2.35E-03
44	5	2.26E-03	2.26E-03
45	5	2.17E-03	2.17E-03
46	5	2.08E-03	2.08E-03
47	5	2.00E-03	2.00E-03
48	5	1.92E-03	1.92E-03
49	5	1.85E-03	1.85E-03
50	5	1.78E-03	1.78E-03
51	5	1.71E-03	1.71E-03
52	5	1.65E-03	1.65E-03
53	5	1.60E-03	1.60E-03
54	5	1.55E-03	1.55E-03
55	5	1.50E-03	1.50E-03
56	5	2.69E-03	2.69E-03
57	5	2.64E-03	2.64E-03
58	5	2.57E-03	2.57E-03
59	5	2.50E-03	2.50E-03
60	5	2.43E-03	2.43E-03
61	5	2.35E-03	2.35E-03

Berkley WTPF
Pier Mitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
62	5	2.27E-03	2.27E-03
63	5	2.20E-03	2.20E-03
64	5	2.12E-03	2.12E-03
65	5	2.04E-03	2.04E-03
66	5	1.96E-03	1.96E-03
67	5	1.89E-03	1.89E-03
68	5	1.81E-03	1.81E-03
69	5	1.74E-03	1.74E-03
70	5	1.68E-03	1.68E-03
71	5	1.62E-03	1.62E-03
72	5	1.56E-03	1.56E-03
73	5	1.51E-03	1.51E-03
74	5	1.46E-03	1.46E-03
75	5	1.42E-03	1.42E-03
76	5	2.46E-03	2.46E-03
77	5	2.41E-03	2.41E-03
78	5	2.36E-03	2.36E-03
79	5	2.30E-03	2.30E-03
80	5	2.24E-03	2.24E-03
81	5	2.18E-03	2.18E-03
82	5	2.12E-03	2.12E-03
83	5	2.05E-03	2.05E-03
84	5	1.99E-03	1.99E-03
85	5	1.92E-03	1.92E-03
86	5	1.85E-03	1.85E-03
87	5	1.79E-03	1.79E-03
88	5	1.72E-03	1.72E-03
89	5	1.66E-03	1.66E-03
90	5	1.60E-03	1.60E-03
91	5	1.54E-03	1.54E-03
92	5	1.48E-03	1.48E-03

Berkley WTPF
Pier Mitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
93	5	1.43E-03	1.43E-03
94	5	1.39E-03	1.39E-03
95	5	1.35E-03	1.35E-03
96	5	1.31E-03	1.31E-03
97	5	1.27E-03	1.27E-03
98	5	2.25E-03	2.25E-03
99	5	2.22E-03	2.22E-03
100	5	2.17E-03	2.17E-03
101	5	2.12E-03	2.12E-03
102	5	2.07E-03	2.07E-03
103	5	2.03E-03	2.03E-03
104	5	1.98E-03	1.98E-03
105	5	1.92E-03	1.92E-03
106	5	1.87E-03	1.87E-03
107	5	1.81E-03	1.81E-03
108	5	1.75E-03	1.75E-03
109	5	1.70E-03	1.70E-03
110	5	1.64E-03	1.64E-03
111	5	1.58E-03	1.58E-03
112	5	1.52E-03	1.52E-03
113	5	1.47E-03	1.47E-03
114	5	1.42E-03	1.42E-03
115	5	1.37E-03	1.37E-03
116	5	1.32E-03	1.32E-03
117	5	1.28E-03	1.28E-03
118	5	1.24E-03	1.24E-03
119	5	1.21E-03	1.21E-03
120	5	1.17E-03	1.17E-03
121	5	2.10E-03	2.10E-03
122	5	2.08E-03	2.08E-03
123	5	2.05E-03	2.05E-03

Berkley WTPF
Pier Mitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
124	5	2.01E-03	2.01E-03
125	5	1.97E-03	1.97E-03
126	5	1.93E-03	1.93E-03
127	5	1.89E-03	1.89E-03
128	5	1.85E-03	1.85E-03
129	5	1.80E-03	1.80E-03
130	5	1.76E-03	1.76E-03
131	5	1.71E-03	1.71E-03
132	5	1.66E-03	1.66E-03
133	5	1.61E-03	1.61E-03
134	5	1.56E-03	1.56E-03
135	5	1.51E-03	1.51E-03
136	5	1.46E-03	1.46E-03
137	5	1.41E-03	1.41E-03
138	5	1.36E-03	1.36E-03
139	5	1.31E-03	1.31E-03
140	5	1.27E-03	1.27E-03
141	5	1.23E-03	1.23E-03
142	5	1.19E-03	1.19E-03
143	5	1.16E-03	1.16E-03
144	5	1.12E-03	1.12E-03
145	5	1.94E-03	1.94E-03
146	5	1.92E-03	1.92E-03
147	5	1.90E-03	1.90E-03
148	5	1.86E-03	1.86E-03
149	5	1.83E-03	1.83E-03
150	5	1.79E-03	1.79E-03
151	5	1.76E-03	1.76E-03
152	5	1.73E-03	1.73E-03
153	5	1.69E-03	1.69E-03
154	5	1.66E-03	1.66E-03

Berkley WTPF
Pier Mitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
155	5	1.62E-03	1.62E-03
156	5	1.58E-03	1.58E-03
157	5	1.54E-03	1.54E-03
158	5	1.49E-03	1.49E-03
159	5	1.45E-03	1.45E-03
160	5	1.40E-03	1.40E-03
161	5	1.35E-03	1.35E-03
162	5	1.31E-03	1.31E-03
163	5	1.27E-03	1.27E-03
164	5	1.22E-03	1.22E-03
165	5	1.18E-03	1.18E-03
166	5	1.15E-03	1.15E-03
167	5	1.11E-03	1.11E-03
168	5	1.80E-03	1.80E-03
169	5	1.79E-03	1.79E-03
170	5	1.76E-03	1.76E-03
171	5	1.73E-03	1.73E-03
172	5	1.70E-03	1.70E-03
173	5	1.68E-03	1.68E-03
174	5	1.65E-03	1.65E-03
175	5	1.62E-03	1.62E-03
176	5	1.59E-03	1.59E-03
177	5	1.56E-03	1.56E-03
178	5	1.53E-03	1.53E-03
179	5	1.50E-03	1.50E-03
180	5	1.46E-03	1.46E-03
181	5	1.42E-03	1.42E-03
182	5	1.39E-03	1.39E-03
183	5	1.35E-03	1.35E-03
184	5	1.30E-03	1.30E-03
185	5	1.26E-03	1.26E-03

Berkley WTPF
Pier Mitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
186	5	1.22E-03	1.22E-03
187	5	1.18E-03	1.18E-03
188	5	1.14E-03	1.14E-03
189	5	1.11E-03	1.11E-03
190	5	1.07E-03	1.07E-03
191	5	1.68E-03	1.68E-03
192	5	1.67E-03	1.67E-03
193	5	1.64E-03	1.64E-03
194	5	1.62E-03	1.62E-03
195	5	1.59E-03	1.59E-03
196	5	1.57E-03	1.57E-03
197	5	1.54E-03	1.54E-03
198	5	1.52E-03	1.52E-03
199	5	1.50E-03	1.50E-03
200	5	1.47E-03	1.47E-03
201	5	1.36E-03	1.36E-03
202	5	1.33E-03	1.33E-03
203	5	1.29E-03	1.29E-03
204	5	1.26E-03	1.26E-03
205	5	1.22E-03	1.22E-03
206	5	1.18E-03	1.18E-03
207	5	1.15E-03	1.15E-03
208	5	1.11E-03	1.11E-03
209	5	1.07E-03	1.07E-03
210	5	1.03E-03	1.03E-03
211	5	1.58E-03	1.58E-03
212	5	1.56E-03	1.56E-03
213	5	1.54E-03	1.54E-03
214	5	1.52E-03	1.52E-03
215	5	1.49E-03	1.49E-03
216	5	1.47E-03	1.47E-03

Berkley WTPF
Pier Mitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
217	5	1.45E-03	1.45E-03
218	5	1.43E-03	1.43E-03
219	5	1.41E-03	1.41E-03
220	5	1.24E-03	1.24E-03
221	5	1.21E-03	1.21E-03
222	5	1.18E-03	1.18E-03
223	5	1.15E-03	1.15E-03
224	5	1.11E-03	1.11E-03
225	5	1.08E-03	1.08E-03
226	5	1.04E-03	1.04E-03
227	5	1.49E-03	1.49E-03
228	5	1.48E-03	1.48E-03
229	5	1.46E-03	1.46E-03
230	5	1.44E-03	1.44E-03
231	5	1.42E-03	1.42E-03
232	5	1.40E-03	1.40E-03
233	5	1.38E-03	1.38E-03
234	5	1.37E-03	1.37E-03
235	5	1.35E-03	1.35E-03
236	5	1.33E-03	1.33E-03
237	5	1.21E-03	1.21E-03
238	5	1.19E-03	1.19E-03
239	5	1.16E-03	1.16E-03
240	5	1.14E-03	1.14E-03
241	5	1.11E-03	1.11E-03
242	5	1.08E-03	1.08E-03
243	5	1.05E-03	1.05E-03
244	5	1.01E-03	1.01E-03
245	5	1.37E-03	1.37E-03
246	5	1.35E-03	1.35E-03
247	5	1.34E-03	1.34E-03

Berkley WTPF
Pier Mitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
248	5	1.32E-03	1.32E-03
249	5	1.31E-03	1.31E-03
250	5	1.29E-03	1.29E-03
251	5	1.27E-03	1.27E-03
252	5	1.26E-03	1.26E-03
253	5	1.16E-03	1.16E-03
254	5	1.14E-03	1.14E-03
255	5	1.12E-03	1.12E-03
256	5	1.10E-03	1.10E-03
257	5	1.07E-03	1.07E-03
258	5	1.05E-03	1.05E-03
259	5	1.02E-03	1.02E-03
260	5	1.22E-03	1.22E-03
261	5	1.20E-03	1.20E-03
262	5	1.12E-03	1.12E-03
263	5	1.11E-03	1.11E-03
264	5	1.09E-03	1.09E-03
265	5	1.07E-03	1.07E-03
266	5	1.06E-03	1.06E-03
267	5	1.04E-03	1.04E-03
268	5	1.01E-03	1.01E-03
269	5	9.86E-04	9.86E-04
270	5	1.07E-03	1.07E-03
271	5	1.06E-03	1.06E-03
272	5	1.04E-03	1.04E-03
273	5	1.03E-03	1.03E-03
274	5	1.02E-03	1.02E-03
275	5	9.98E-04	9.98E-04
276	5	9.78E-04	9.78E-04
277	5	1.19E-03	1.19E-03
278	5	1.18E-03	1.18E-03

Berkley WTPF
Pier Mitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
279	5	1.18E-03	1.18E-03
280	5	1.17E-03	1.17E-03
281	5	1.16E-03	1.16E-03
282	5	1.03E-03	1.03E-03
283	5	1.02E-03	1.02E-03
284	5	1.01E-03	1.01E-03
285	5	9.98E-04	9.98E-04
286	5	9.87E-04	9.87E-04
287	5	9.75E-04	9.75E-04
288	5	9.61E-04	9.61E-04
289	5	9.42E-04	9.42E-04
290	5	1.13E-03	1.13E-03
291	5	1.12E-03	1.12E-03
292	5	1.12E-03	1.12E-03
293	5	1.11E-03	1.11E-03
294	5	1.11E-03	1.11E-03
295	5	1.10E-03	1.10E-03
296	5	1.09E-03	1.09E-03
297	5	1.08E-03	1.08E-03
298	5	1.07E-03	1.07E-03
299	5	1.06E-03	1.06E-03
300	5	1.05E-03	1.05E-03
301	5	9.79E-04	9.79E-04
302	5	9.71E-04	9.71E-04
303	5	9.63E-04	9.63E-04
304	5	9.54E-04	9.54E-04
305	5	9.46E-04	9.46E-04
306	5	9.36E-04	9.36E-04
307	5	9.25E-04	9.25E-04
308	5	1.07E-03	1.07E-03
309	5	1.07E-03	1.07E-03

Berkley WTPF
Pier Mitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
310	5	1.06E-03	1.06E-03
311	5	1.05E-03	1.05E-03
312	5	1.05E-03	1.05E-03
313	5	1.04E-03	1.04E-03
314	5	1.03E-03	1.03E-03
315	5	1.02E-03	1.02E-03
316	5	1.02E-03	1.02E-03
317	5	1.01E-03	1.01E-03
318	5	9.97E-04	9.97E-04
319	5	9.88E-04	9.88E-04
320	5	9.78E-04	9.78E-04
321	5	9.69E-04	9.69E-04
322	5	9.59E-04	9.59E-04
323	5	9.34E-04	9.34E-04
324	5	9.27E-04	9.27E-04
325	5	9.20E-04	9.20E-04
326	5	9.13E-04	9.13E-04
327	5	9.05E-04	9.05E-04
328	5	8.98E-04	8.98E-04
329	5	8.89E-04	8.89E-04
330	5	1.02E-03	1.02E-03
331	5	1.01E-03	1.01E-03
332	5	1.01E-03	1.01E-03
333	5	1.00E-03	1.00E-03
334	5	9.96E-04	9.96E-04
335	5	9.89E-04	9.89E-04
336	5	9.82E-04	9.82E-04
337	5	9.74E-04	9.74E-04
338	5	9.65E-04	9.65E-04
339	5	9.57E-04	9.57E-04
340	5	9.49E-04	9.49E-04

Berkley WTPF
Pier Mitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
341	5	9.40E-04	9.40E-04
342	5	9.32E-04	9.32E-04
343	5	9.24E-04	9.24E-04
344	5	9.15E-04	9.15E-04
345	5	9.07E-04	9.07E-04
346	5	8.99E-04	8.99E-04
347	5	8.92E-04	8.92E-04
348	5	8.85E-04	8.85E-04
349	5	8.79E-04	8.79E-04
350	5	8.73E-04	8.73E-04
351	5	8.66E-04	8.66E-04
352	5	8.59E-04	8.59E-04
353	5	9.67E-04	9.67E-04
354	5	9.64E-04	9.64E-04
355	5	9.58E-04	9.58E-04
356	5	9.53E-04	9.53E-04
357	5	9.48E-04	9.48E-04
358	5	9.42E-04	9.42E-04
359	5	9.35E-04	9.35E-04
360	5	9.27E-04	9.27E-04
361	5	9.20E-04	9.20E-04
362	5	9.12E-04	9.12E-04
363	5	9.04E-04	9.04E-04
364	5	8.97E-04	8.97E-04
365	5	8.89E-04	8.89E-04
366	5	8.82E-04	8.82E-04
367	5	8.74E-04	8.74E-04
368	5	8.66E-04	8.66E-04
369	5	8.59E-04	8.59E-04
370	5	8.52E-04	8.52E-04
371	5	8.46E-04	8.46E-04

Berkley WTPF
Pier Mitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
372	5	8.40E-04	8.40E-04
373	5	9.19E-04	9.19E-04
374	5	9.14E-04	9.14E-04
375	5	9.09E-04	9.09E-04
376	5	9.04E-04	9.04E-04
377	5	8.98E-04	8.98E-04
378	5	8.92E-04	8.92E-04
379	5	8.85E-04	8.85E-04
380	5	8.78E-04	8.78E-04
381	5	8.71E-04	8.71E-04
382	5	8.63E-04	8.63E-04
383	5	8.56E-04	8.56E-04
384	5	8.50E-04	8.50E-04
385	5	8.43E-04	8.43E-04
386	5	8.36E-04	8.36E-04
387	5	8.29E-04	8.29E-04
388	5	8.21E-04	8.21E-04
389	5	8.76E-04	8.76E-04
390	5	8.71E-04	8.71E-04
391	5	8.68E-04	8.68E-04
392	5	8.64E-04	8.64E-04
393	5	8.58E-04	8.58E-04
394	5	8.52E-04	8.52E-04
395	5	8.46E-04	8.46E-04
396	5	8.39E-04	8.39E-04
397	5	8.32E-04	8.32E-04
398	5	8.25E-04	8.25E-04
399	5	8.19E-04	8.19E-04
400	5	8.13E-04	8.13E-04
401	5	8.06E-04	8.06E-04
402	5	8.00E-04	8.00E-04

Berkley WTPF
Pier Mitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
403	5	7.94E-04	7.94E-04
404	5	8.31E-04	8.31E-04
405	5	8.29E-04	8.29E-04
406	5	8.26E-04	8.26E-04
407	5	8.21E-04	8.21E-04
408	5	8.16E-04	8.16E-04
409	5	8.09E-04	8.09E-04
410	5	8.03E-04	8.03E-04
411	5	7.97E-04	7.97E-04
412	5	7.90E-04	7.90E-04
413	5	7.84E-04	7.84E-04
414	5	7.78E-04	7.78E-04
415	5	7.72E-04	7.72E-04
416	5	7.66E-04	7.66E-04
417	5	7.60E-04	7.60E-04
418	5	7.88E-04	7.88E-04
419	5	7.87E-04	7.87E-04
420	5	7.82E-04	7.82E-04
421	5	7.76E-04	7.76E-04
422	5	7.70E-04	7.70E-04
423	5	7.64E-04	7.64E-04
424	5	7.58E-04	7.58E-04
425	5	7.52E-04	7.52E-04
426	5	7.46E-04	7.46E-04
427	5	7.41E-04	7.41E-04
428	5	7.35E-04	7.35E-04
429	5	7.28E-04	7.28E-04
430	5	7.31E-04	7.31E-04
431	5	7.26E-04	7.26E-04
432	5	7.20E-04	7.20E-04
433	5	7.16E-04	7.16E-04

Berkley WTPF
Pier Mitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
434	5	7.11E-04	7.11E-04
435	5	7.06E-04	7.06E-04

Berkley WTPF
University Mitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
					Residence					
1	2.52602	5.73E-05	1.4E-04	1.05E-03	1.51E-07	2.19E-01	1.57E-01	5.21E-09	1.0E+06	5.2E-03
2	2.81157	5.73E-05	1.6E-04	1.05E-03	1.68E-07	2.19E-01	1.57E-01	5.80E-09	1.0E+06	5.8E-03
3	3.11456	5.73E-05	1.8E-04	1.05E-03	1.86E-07	2.19E-01	1.57E-01	6.42E-09	1.0E+06	6.4E-03
4	3.43798	5.73E-05	2.0E-04	1.05E-03	2.06E-07	2.19E-01	1.57E-01	7.09E-09	1.0E+06	7.1E-03
5	3.79053	5.73E-05	2.2E-04	1.05E-03	2.27E-07	2.19E-01	1.57E-01	7.82E-09	1.0E+06	7.8E-03
6	4.17516	5.73E-05	2.4E-04	1.05E-03	2.50E-07	2.19E-01	1.57E-01	8.61E-09	1.0E+06	8.6E-03
7	4.59277	5.73E-05	2.6E-04	1.05E-03	2.75E-07	2.19E-01	1.57E-01	9.47E-09	1.0E+06	9.5E-03
8	5.05866	5.73E-05	2.9E-04	1.05E-03	3.03E-07	2.19E-01	1.57E-01	1.04E-08	1.0E+06	1.0E-02
9	1.93609	5.73E-05	1.1E-04	1.05E-03	1.16E-07	2.19E-01	1.57E-01	3.99E-09	1.0E+06	4.0E-03
10	2.1344	5.73E-05	1.2E-04	1.05E-03	1.28E-07	2.19E-01	1.57E-01	4.40E-09	1.0E+06	4.4E-03
11	2.34459	5.73E-05	1.3E-04	1.05E-03	1.40E-07	2.19E-01	1.57E-01	4.83E-09	1.0E+06	4.8E-03
12	2.56804	5.73E-05	1.5E-04	1.05E-03	1.54E-07	2.19E-01	1.57E-01	5.29E-09	1.0E+06	5.3E-03
13	2.80267	5.73E-05	1.6E-04	1.05E-03	1.68E-07	2.19E-01	1.57E-01	5.78E-09	1.0E+06	5.8E-03
14	3.05187	5.73E-05	1.7E-04	1.05E-03	1.83E-07	2.19E-01	1.57E-01	6.29E-09	1.0E+06	6.3E-03
15	3.32244	5.73E-05	1.9E-04	1.05E-03	1.99E-07	2.19E-01	1.57E-01	6.85E-09	1.0E+06	6.9E-03
16	3.61885	5.73E-05	2.1E-04	1.05E-03	2.17E-07	2.19E-01	1.57E-01	7.46E-09	1.0E+06	7.5E-03
17	3.94299	5.73E-05	2.3E-04	1.05E-03	2.36E-07	2.19E-01	1.57E-01	8.13E-09	1.0E+06	8.1E-03
18	4.29598	5.73E-05	2.5E-04	1.05E-03	2.57E-07	2.19E-01	1.57E-01	8.86E-09	1.0E+06	8.9E-03
19	4.67033	5.73E-05	2.7E-04	1.05E-03	2.80E-07	2.19E-01	1.57E-01	9.63E-09	1.0E+06	9.6E-03
20	5.09647	5.73E-05	2.9E-04	1.05E-03	3.05E-07	2.19E-01	1.57E-01	1.05E-08	1.0E+06	1.1E-02
21	1.69776	5.73E-05	9.7E-05	1.05E-03	1.02E-07	2.19E-01	1.57E-01	3.50E-09	1.0E+06	3.5E-03
22	1.85039	5.73E-05	1.1E-04	1.05E-03	1.11E-07	2.19E-01	1.57E-01	3.82E-09	1.0E+06	3.8E-03
23	2.0113	5.73E-05	1.2E-04	1.05E-03	1.20E-07	2.19E-01	1.57E-01	4.15E-09	1.0E+06	4.1E-03
24	2.18216	5.73E-05	1.2E-04	1.05E-03	1.31E-07	2.19E-01	1.57E-01	4.50E-09	1.0E+06	4.5E-03
25	2.36136	5.73E-05	1.4E-04	1.05E-03	1.41E-07	2.19E-01	1.57E-01	4.87E-09	1.0E+06	4.9E-03
26	2.54821	5.73E-05	1.5E-04	1.05E-03	1.53E-07	2.19E-01	1.57E-01	5.25E-09	1.0E+06	5.3E-03
27	2.74695	5.73E-05	1.6E-04	1.05E-03	1.64E-07	2.19E-01	1.57E-01	5.66E-09	1.0E+06	5.7E-03
28	2.96244	5.73E-05	1.7E-04	1.05E-03	1.77E-07	2.19E-01	1.57E-01	6.11E-09	1.0E+06	6.1E-03
29	3.19768	5.73E-05	1.8E-04	1.05E-03	1.91E-07	2.19E-01	1.57E-01	6.59E-09	1.0E+06	6.6E-03
30	3.45424	5.73E-05	2.0E-04	1.05E-03	2.07E-07	2.19E-01	1.57E-01	7.12E-09	1.0E+06	7.1E-03

	Max	Receptor #
Res	0.013	55
Park	0.018	513
Total	0.03	55

Berkley WTPF
University Mitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
31	3.73312	5.73E-05	2.1E-04	1.05E-03	2.23E-07	2.19E-01	1.57E-01	7.70E-09	1.0E+06	7.7E-03
32	4.03652	5.73E-05	2.3E-04	1.05E-03	2.42E-07	2.19E-01	1.57E-01	8.32E-09	1.0E+06	8.3E-03
33	4.36937	5.73E-05	2.5E-04	1.05E-03	2.62E-07	2.19E-01	1.57E-01	9.01E-09	1.0E+06	9.0E-03
34	4.73998	5.73E-05	2.7E-04	1.05E-03	2.84E-07	2.19E-01	1.57E-01	9.77E-09	1.0E+06	9.8E-03
35	5.16153	5.73E-05	3.0E-04	1.05E-03	3.09E-07	2.19E-01	1.57E-01	1.06E-08	1.0E+06	1.1E-02
36	5.66009	5.73E-05	3.2E-04	1.05E-03	3.39E-07	2.19E-01	1.57E-01	1.17E-08	1.0E+06	1.2E-02
37	1.51666	5.73E-05	8.7E-05	1.05E-03	9.08E-08	2.19E-01	1.57E-01	3.13E-09	1.0E+06	3.1E-03
38	1.63665	5.73E-05	9.4E-05	1.05E-03	9.80E-08	2.19E-01	1.57E-01	3.37E-09	1.0E+06	3.4E-03
39	1.76416	5.73E-05	1.0E-04	1.05E-03	1.06E-07	2.19E-01	1.57E-01	3.64E-09	1.0E+06	3.6E-03
40	1.89891	5.73E-05	1.1E-04	1.05E-03	1.14E-07	2.19E-01	1.57E-01	3.92E-09	1.0E+06	3.9E-03
41	2.04068	5.73E-05	1.2E-04	1.05E-03	1.22E-07	2.19E-01	1.57E-01	4.21E-09	1.0E+06	4.2E-03
42	2.18767	5.73E-05	1.3E-04	1.05E-03	1.31E-07	2.19E-01	1.57E-01	4.51E-09	1.0E+06	4.5E-03
43	2.34105	5.73E-05	1.3E-04	1.05E-03	1.40E-07	2.19E-01	1.57E-01	4.83E-09	1.0E+06	4.8E-03
44	2.50473	5.73E-05	1.4E-04	1.05E-03	1.50E-07	2.19E-01	1.57E-01	5.16E-09	1.0E+06	5.2E-03
45	2.68202	5.73E-05	1.5E-04	1.05E-03	1.61E-07	2.19E-01	1.57E-01	5.53E-09	1.0E+06	5.5E-03
46	2.87515	5.73E-05	1.6E-04	1.05E-03	1.72E-07	2.19E-01	1.57E-01	5.93E-09	1.0E+06	5.9E-03
47	3.08551	5.73E-05	1.8E-04	1.05E-03	1.85E-07	2.19E-01	1.57E-01	6.36E-09	1.0E+06	6.4E-03
48	3.31414	5.73E-05	1.9E-04	1.05E-03	1.98E-07	2.19E-01	1.57E-01	6.83E-09	1.0E+06	6.8E-03
49	3.56329	5.73E-05	2.0E-04	1.05E-03	2.13E-07	2.19E-01	1.57E-01	7.35E-09	1.0E+06	7.3E-03
50	3.838	5.73E-05	2.2E-04	1.05E-03	2.30E-07	2.19E-01	1.57E-01	7.91E-09	1.0E+06	7.9E-03
51	4.14749	5.73E-05	2.4E-04	1.05E-03	2.48E-07	2.19E-01	1.57E-01	8.55E-09	1.0E+06	8.6E-03
52	4.50815	5.73E-05	2.6E-04	1.05E-03	2.70E-07	2.19E-01	1.57E-01	9.29E-09	1.0E+06	9.3E-03
53	4.94456	5.73E-05	2.8E-04	1.05E-03	2.96E-07	2.19E-01	1.57E-01	1.02E-08	1.0E+06	1.0E-02
54	5.49785	5.73E-05	3.1E-04	1.05E-03	3.29E-07	2.19E-01	1.57E-01	1.13E-08	1.0E+06	1.1E-02
55	6.24738	5.73E-05	3.6E-04	1.05E-03	3.74E-07	2.19E-01	1.57E-01	1.29E-08	1.0E+06	1.3E-02
56	1.28022	5.73E-05	7.3E-05	1.05E-03	7.66E-08	2.19E-01	1.57E-01	2.64E-09	1.0E+06	2.6E-03
57	1.3714	5.73E-05	7.9E-05	1.05E-03	8.21E-08	2.19E-01	1.57E-01	2.83E-09	1.0E+06	2.8E-03
58	1.46981	5.73E-05	8.4E-05	1.05E-03	8.80E-08	2.19E-01	1.57E-01	3.03E-09	1.0E+06	3.0E-03
59	1.57389	5.73E-05	9.0E-05	1.05E-03	9.42E-08	2.19E-01	1.57E-01	3.24E-09	1.0E+06	3.2E-03
60	1.68329	5.73E-05	9.6E-05	1.05E-03	1.01E-07	2.19E-01	1.57E-01	3.47E-09	1.0E+06	3.5E-03
61	1.79853	5.73E-05	1.0E-04	1.05E-03	1.08E-07	2.19E-01	1.57E-01	3.71E-09	1.0E+06	3.7E-03

Berkley WTPF
University Mitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
62	1.91841	5.73E-05	1.1E-04	1.05E-03	1.15E-07	2.19E-01	1.57E-01	3.96E-09	1.0E+06	4.0E-03
63	2.04222	5.73E-05	1.2E-04	1.05E-03	1.22E-07	2.19E-01	1.57E-01	4.21E-09	1.0E+06	4.2E-03
64	2.17203	5.73E-05	1.2E-04	1.05E-03	1.30E-07	2.19E-01	1.57E-01	4.48E-09	1.0E+06	4.5E-03
65	2.31092	5.73E-05	1.3E-04	1.05E-03	1.38E-07	2.19E-01	1.57E-01	4.76E-09	1.0E+06	4.8E-03
66	2.46128	5.73E-05	1.4E-04	1.05E-03	1.47E-07	2.19E-01	1.57E-01	5.07E-09	1.0E+06	5.1E-03
67	2.62493	5.73E-05	1.5E-04	1.05E-03	1.57E-07	2.19E-01	1.57E-01	5.41E-09	1.0E+06	5.4E-03
68	2.8034	5.73E-05	1.6E-04	1.05E-03	1.68E-07	2.19E-01	1.57E-01	5.78E-09	1.0E+06	5.8E-03
69	2.99855	5.73E-05	1.7E-04	1.05E-03	1.79E-07	2.19E-01	1.57E-01	6.18E-09	1.0E+06	6.2E-03
70	3.21391	5.73E-05	1.8E-04	1.05E-03	1.92E-07	2.19E-01	1.57E-01	6.63E-09	1.0E+06	6.6E-03
71	3.45623	5.73E-05	2.0E-04	1.05E-03	2.07E-07	2.19E-01	1.57E-01	7.13E-09	1.0E+06	7.1E-03
72	3.73661	5.73E-05	2.1E-04	1.05E-03	2.24E-07	2.19E-01	1.57E-01	7.70E-09	1.0E+06	7.7E-03
73	4.07319	5.73E-05	2.3E-04	1.05E-03	2.44E-07	2.19E-01	1.57E-01	8.40E-09	1.0E+06	8.4E-03
74	4.49476	5.73E-05	2.6E-04	1.05E-03	2.69E-07	2.19E-01	1.57E-01	9.27E-09	1.0E+06	9.3E-03
75	5.05398	5.73E-05	2.9E-04	1.05E-03	3.03E-07	2.19E-01	1.57E-01	1.04E-08	1.0E+06	1.0E-02
76	1.17559	5.73E-05	6.7E-05	1.05E-03	7.04E-08	2.19E-01	1.57E-01	2.42E-09	1.0E+06	2.4E-03
77	1.25193	5.73E-05	7.2E-05	1.05E-03	7.49E-08	2.19E-01	1.57E-01	2.58E-09	1.0E+06	2.6E-03
78	1.33416	5.73E-05	7.6E-05	1.05E-03	7.99E-08	2.19E-01	1.57E-01	2.75E-09	1.0E+06	2.8E-03
79	1.42111	5.73E-05	8.1E-05	1.05E-03	8.51E-08	2.19E-01	1.57E-01	2.93E-09	1.0E+06	2.9E-03
80	1.51213	5.73E-05	8.7E-05	1.05E-03	9.05E-08	2.19E-01	1.57E-01	3.12E-09	1.0E+06	3.1E-03
81	1.60783	5.73E-05	9.2E-05	1.05E-03	9.62E-08	2.19E-01	1.57E-01	3.31E-09	1.0E+06	3.3E-03
82	1.70796	5.73E-05	9.8E-05	1.05E-03	1.02E-07	2.19E-01	1.57E-01	3.52E-09	1.0E+06	3.5E-03
83	1.81139	5.73E-05	1.0E-04	1.05E-03	1.08E-07	2.19E-01	1.57E-01	3.73E-09	1.0E+06	3.7E-03
84	1.91846	5.73E-05	1.1E-04	1.05E-03	1.15E-07	2.19E-01	1.57E-01	3.96E-09	1.0E+06	4.0E-03
85	2.0314	5.73E-05	1.2E-04	1.05E-03	1.22E-07	2.19E-01	1.57E-01	4.19E-09	1.0E+06	4.2E-03
86	2.15266	5.73E-05	1.2E-04	1.05E-03	1.29E-07	2.19E-01	1.57E-01	4.44E-09	1.0E+06	4.4E-03
87	2.28423	5.73E-05	1.3E-04	1.05E-03	1.37E-07	2.19E-01	1.57E-01	4.71E-09	1.0E+06	4.7E-03
88	2.42812	5.73E-05	1.4E-04	1.05E-03	1.45E-07	2.19E-01	1.57E-01	5.01E-09	1.0E+06	5.0E-03
89	2.58672	5.73E-05	1.5E-04	1.05E-03	1.55E-07	2.19E-01	1.57E-01	5.33E-09	1.0E+06	5.3E-03
90	2.7632	5.73E-05	1.6E-04	1.05E-03	1.65E-07	2.19E-01	1.57E-01	5.70E-09	1.0E+06	5.7E-03
91	2.96241	5.73E-05	1.7E-04	1.05E-03	1.77E-07	2.19E-01	1.57E-01	6.11E-09	1.0E+06	6.1E-03
92	3.19218	5.73E-05	1.8E-04	1.05E-03	1.91E-07	2.19E-01	1.57E-01	6.58E-09	1.0E+06	6.6E-03

Berkley WTPF
University Mitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
93	3.46514	5.73E-05	2.0E-04	1.05E-03	2.07E-07	2.19E-01	1.57E-01	7.14E-09	1.0E+06	7.1E-03
94	3.80059	5.73E-05	2.2E-04	1.05E-03	2.28E-07	2.19E-01	1.57E-01	7.84E-09	1.0E+06	7.8E-03
95	4.23072	5.73E-05	2.4E-04	1.05E-03	2.53E-07	2.19E-01	1.57E-01	8.72E-09	1.0E+06	8.7E-03
96	4.81304	5.73E-05	2.8E-04	1.05E-03	2.88E-07	2.19E-01	1.57E-01	9.92E-09	1.0E+06	9.9E-03
97	5.65035	5.73E-05	3.2E-04	1.05E-03	3.38E-07	2.19E-01	1.57E-01	1.16E-08	1.0E+06	1.2E-02
98	1.08482	5.73E-05	6.2E-05	1.05E-03	6.49E-08	2.19E-01	1.57E-01	2.24E-09	1.0E+06	2.2E-03
99	1.14969	5.73E-05	6.6E-05	1.05E-03	6.88E-08	2.19E-01	1.57E-01	2.37E-09	1.0E+06	2.4E-03
100	1.21948	5.73E-05	7.0E-05	1.05E-03	7.30E-08	2.19E-01	1.57E-01	2.51E-09	1.0E+06	2.5E-03
101	1.29331	5.73E-05	7.4E-05	1.05E-03	7.74E-08	2.19E-01	1.57E-01	2.67E-09	1.0E+06	2.7E-03
102	1.37039	5.73E-05	7.8E-05	1.05E-03	8.20E-08	2.19E-01	1.57E-01	2.83E-09	1.0E+06	2.8E-03
103	1.45112	5.73E-05	8.3E-05	1.05E-03	8.69E-08	2.19E-01	1.57E-01	2.99E-09	1.0E+06	3.0E-03
104	1.53587	5.73E-05	8.8E-05	1.05E-03	9.19E-08	2.19E-01	1.57E-01	3.17E-09	1.0E+06	3.2E-03
105	1.62395	5.73E-05	9.3E-05	1.05E-03	9.72E-08	2.19E-01	1.57E-01	3.35E-09	1.0E+06	3.3E-03
106	1.71477	5.73E-05	9.8E-05	1.05E-03	1.03E-07	2.19E-01	1.57E-01	3.54E-09	1.0E+06	3.5E-03
107	1.80942	5.73E-05	1.0E-04	1.05E-03	1.08E-07	2.19E-01	1.57E-01	3.73E-09	1.0E+06	3.7E-03
108	1.91012	5.73E-05	1.1E-04	1.05E-03	1.14E-07	2.19E-01	1.57E-01	3.94E-09	1.0E+06	3.9E-03
109	2.0191	5.73E-05	1.2E-04	1.05E-03	1.21E-07	2.19E-01	1.57E-01	4.16E-09	1.0E+06	4.2E-03
110	2.13849	5.73E-05	1.2E-04	1.05E-03	1.28E-07	2.19E-01	1.57E-01	4.41E-09	1.0E+06	4.4E-03
111	2.27079	5.73E-05	1.3E-04	1.05E-03	1.36E-07	2.19E-01	1.57E-01	4.68E-09	1.0E+06	4.7E-03
112	2.41914	5.73E-05	1.4E-04	1.05E-03	1.45E-07	2.19E-01	1.57E-01	4.99E-09	1.0E+06	5.0E-03
113	2.58749	5.73E-05	1.5E-04	1.05E-03	1.55E-07	2.19E-01	1.57E-01	5.33E-09	1.0E+06	5.3E-03
114	2.78131	5.73E-05	1.6E-04	1.05E-03	1.66E-07	2.19E-01	1.57E-01	5.73E-09	1.0E+06	5.7E-03
115	3.00902	5.73E-05	1.7E-04	1.05E-03	1.80E-07	2.19E-01	1.57E-01	6.20E-09	1.0E+06	6.2E-03
116	3.28381	5.73E-05	1.9E-04	1.05E-03	1.97E-07	2.19E-01	1.57E-01	6.77E-09	1.0E+06	6.8E-03
117	3.62817	5.73E-05	2.1E-04	1.05E-03	2.17E-07	2.19E-01	1.57E-01	7.48E-09	1.0E+06	7.5E-03
118	4.07943	5.73E-05	2.3E-04	1.05E-03	2.44E-07	2.19E-01	1.57E-01	8.41E-09	1.0E+06	8.4E-03
119	4.70057	5.73E-05	2.7E-04	1.05E-03	2.81E-07	2.19E-01	1.57E-01	9.69E-09	1.0E+06	9.7E-03
120	5.62509	5.73E-05	3.2E-04	1.05E-03	3.37E-07	2.19E-01	1.57E-01	1.16E-08	1.0E+06	1.2E-02
121	0.94961	5.73E-05	5.4E-05	1.05E-03	5.68E-08	2.19E-01	1.57E-01	1.96E-09	1.0E+06	2.0E-03
122	1.00415	5.73E-05	5.8E-05	1.05E-03	6.01E-08	2.19E-01	1.57E-01	2.07E-09	1.0E+06	2.1E-03
123	1.05984	5.73E-05	6.1E-05	1.05E-03	6.34E-08	2.19E-01	1.57E-01	2.19E-09	1.0E+06	2.2E-03

Berkley WTPF
University Mitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
124	1.11967	5.73E-05	6.4E-05	1.05E-03	6.70E-08	2.19E-01	1.57E-01	2.31E-09	1.0E+06	2.3E-03
125	1.18302	5.73E-05	6.8E-05	1.05E-03	7.08E-08	2.19E-01	1.57E-01	2.44E-09	1.0E+06	2.4E-03
126	1.24908	5.73E-05	7.2E-05	1.05E-03	7.48E-08	2.19E-01	1.57E-01	2.58E-09	1.0E+06	2.6E-03
127	1.31794	5.73E-05	7.5E-05	1.05E-03	7.89E-08	2.19E-01	1.57E-01	2.72E-09	1.0E+06	2.7E-03
128	1.39024	5.73E-05	8.0E-05	1.05E-03	8.32E-08	2.19E-01	1.57E-01	2.87E-09	1.0E+06	2.9E-03
129	1.46587	5.73E-05	8.4E-05	1.05E-03	8.77E-08	2.19E-01	1.57E-01	3.02E-09	1.0E+06	3.0E-03
130	1.54416	5.73E-05	8.8E-05	1.05E-03	9.24E-08	2.19E-01	1.57E-01	3.18E-09	1.0E+06	3.2E-03
131	1.62526	5.73E-05	9.3E-05	1.05E-03	9.73E-08	2.19E-01	1.57E-01	3.35E-09	1.0E+06	3.4E-03
132	1.71076	5.73E-05	9.8E-05	1.05E-03	1.02E-07	2.19E-01	1.57E-01	3.53E-09	1.0E+06	3.5E-03
133	1.80289	5.73E-05	1.0E-04	1.05E-03	1.08E-07	2.19E-01	1.57E-01	3.72E-09	1.0E+06	3.7E-03
134	1.90381	5.73E-05	1.1E-04	1.05E-03	1.14E-07	2.19E-01	1.57E-01	3.93E-09	1.0E+06	3.9E-03
135	2.01579	5.73E-05	1.2E-04	1.05E-03	1.21E-07	2.19E-01	1.57E-01	4.16E-09	1.0E+06	4.2E-03
136	2.14161	5.73E-05	1.2E-04	1.05E-03	1.28E-07	2.19E-01	1.57E-01	4.42E-09	1.0E+06	4.4E-03
137	2.28468	5.73E-05	1.3E-04	1.05E-03	1.37E-07	2.19E-01	1.57E-01	4.71E-09	1.0E+06	4.7E-03
138	2.44908	5.73E-05	1.4E-04	1.05E-03	1.47E-07	2.19E-01	1.57E-01	5.05E-09	1.0E+06	5.0E-03
139	2.64049	5.73E-05	1.5E-04	1.05E-03	1.58E-07	2.19E-01	1.57E-01	5.44E-09	1.0E+06	5.4E-03
140	2.86795	5.73E-05	1.6E-04	1.05E-03	1.72E-07	2.19E-01	1.57E-01	5.91E-09	1.0E+06	5.9E-03
141	3.14725	5.73E-05	1.8E-04	1.05E-03	1.88E-07	2.19E-01	1.57E-01	6.49E-09	1.0E+06	6.5E-03
142	3.50265	5.73E-05	2.0E-04	1.05E-03	2.10E-07	2.19E-01	1.57E-01	7.22E-09	1.0E+06	7.2E-03
143	3.97279	5.73E-05	2.3E-04	1.05E-03	2.38E-07	2.19E-01	1.57E-01	8.19E-09	1.0E+06	8.2E-03
144	4.63472	5.73E-05	2.7E-04	1.05E-03	2.77E-07	2.19E-01	1.57E-01	9.56E-09	1.0E+06	9.6E-03
145	0.88438	5.73E-05	5.1E-05	1.05E-03	5.29E-08	2.19E-01	1.57E-01	1.82E-09	1.0E+06	1.8E-03
146	0.93167	5.73E-05	5.3E-05	1.05E-03	5.58E-08	2.19E-01	1.57E-01	1.92E-09	1.0E+06	1.9E-03
147	0.97984	5.73E-05	5.6E-05	1.05E-03	5.87E-08	2.19E-01	1.57E-01	2.02E-09	1.0E+06	2.0E-03
148	1.03151	5.73E-05	5.9E-05	1.05E-03	6.17E-08	2.19E-01	1.57E-01	2.13E-09	1.0E+06	2.1E-03
149	1.08625	5.73E-05	6.2E-05	1.05E-03	6.50E-08	2.19E-01	1.57E-01	2.24E-09	1.0E+06	2.2E-03
150	1.14334	5.73E-05	6.5E-05	1.05E-03	6.84E-08	2.19E-01	1.57E-01	2.36E-09	1.0E+06	2.4E-03
151	1.20261	5.73E-05	6.9E-05	1.05E-03	7.20E-08	2.19E-01	1.57E-01	2.48E-09	1.0E+06	2.5E-03
152	1.26471	5.73E-05	7.2E-05	1.05E-03	7.57E-08	2.19E-01	1.57E-01	2.61E-09	1.0E+06	2.6E-03
153	1.32999	5.73E-05	7.6E-05	1.05E-03	7.96E-08	2.19E-01	1.57E-01	2.74E-09	1.0E+06	2.7E-03
154	1.39808	5.73E-05	8.0E-05	1.05E-03	8.37E-08	2.19E-01	1.57E-01	2.88E-09	1.0E+06	2.9E-03

Berkley WTPF
University Mitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
155	1.46869	5.73E-05	8.4E-05	1.05E-03	8.79E-08	2.19E-01	1.57E-01	3.03E-09	1.0E+06	3.0E-03
156	1.54263	5.73E-05	8.8E-05	1.05E-03	9.23E-08	2.19E-01	1.57E-01	3.18E-09	1.0E+06	3.2E-03
157	1.6217	5.73E-05	9.3E-05	1.05E-03	9.71E-08	2.19E-01	1.57E-01	3.34E-09	1.0E+06	3.3E-03
158	1.70802	5.73E-05	9.8E-05	1.05E-03	1.02E-07	2.19E-01	1.57E-01	3.52E-09	1.0E+06	3.5E-03
159	1.80366	5.73E-05	1.0E-04	1.05E-03	1.08E-07	2.19E-01	1.57E-01	3.72E-09	1.0E+06	3.7E-03
160	1.91091	5.73E-05	1.1E-04	1.05E-03	1.14E-07	2.19E-01	1.57E-01	3.94E-09	1.0E+06	3.9E-03
161	2.03243	5.73E-05	1.2E-04	1.05E-03	1.22E-07	2.19E-01	1.57E-01	4.19E-09	1.0E+06	4.2E-03
162	2.17148	5.73E-05	1.2E-04	1.05E-03	1.30E-07	2.19E-01	1.57E-01	4.48E-09	1.0E+06	4.5E-03
163	2.33231	5.73E-05	1.3E-04	1.05E-03	1.40E-07	2.19E-01	1.57E-01	4.81E-09	1.0E+06	4.8E-03
164	2.52141	5.73E-05	1.4E-04	1.05E-03	1.51E-07	2.19E-01	1.57E-01	5.20E-09	1.0E+06	5.2E-03
165	2.74964	5.73E-05	1.6E-04	1.05E-03	1.65E-07	2.19E-01	1.57E-01	5.67E-09	1.0E+06	5.7E-03
166	3.03227	5.73E-05	1.7E-04	1.05E-03	1.82E-07	2.19E-01	1.57E-01	6.25E-09	1.0E+06	6.3E-03
167	3.39245	5.73E-05	1.9E-04	1.05E-03	2.03E-07	2.19E-01	1.57E-01	6.99E-09	1.0E+06	7.0E-03
168	0.8252	5.73E-05	4.7E-05	1.05E-03	4.94E-08	2.19E-01	1.57E-01	1.70E-09	1.0E+06	1.7E-03
169	0.86646	5.73E-05	5.0E-05	1.05E-03	5.19E-08	2.19E-01	1.57E-01	1.79E-09	1.0E+06	1.8E-03
170	0.90837	5.73E-05	5.2E-05	1.05E-03	5.44E-08	2.19E-01	1.57E-01	1.87E-09	1.0E+06	1.9E-03
171	0.95327	5.73E-05	5.5E-05	1.05E-03	5.71E-08	2.19E-01	1.57E-01	1.97E-09	1.0E+06	2.0E-03
172	1.00086	5.73E-05	5.7E-05	1.05E-03	5.99E-08	2.19E-01	1.57E-01	2.06E-09	1.0E+06	2.1E-03
173	1.05055	5.73E-05	6.0E-05	1.05E-03	6.29E-08	2.19E-01	1.57E-01	2.17E-09	1.0E+06	2.2E-03
174	1.10203	5.73E-05	6.3E-05	1.05E-03	6.60E-08	2.19E-01	1.57E-01	2.27E-09	1.0E+06	2.3E-03
175	1.15581	5.73E-05	6.6E-05	1.05E-03	6.92E-08	2.19E-01	1.57E-01	2.38E-09	1.0E+06	2.4E-03
176	1.21248	5.73E-05	6.9E-05	1.05E-03	7.26E-08	2.19E-01	1.57E-01	2.50E-09	1.0E+06	2.5E-03
177	1.27206	5.73E-05	7.3E-05	1.05E-03	7.61E-08	2.19E-01	1.57E-01	2.62E-09	1.0E+06	2.6E-03
178	1.33421	5.73E-05	7.6E-05	1.05E-03	7.99E-08	2.19E-01	1.57E-01	2.75E-09	1.0E+06	2.8E-03
179	1.39909	5.73E-05	8.0E-05	1.05E-03	8.38E-08	2.19E-01	1.57E-01	2.88E-09	1.0E+06	2.9E-03
180	1.46791	5.73E-05	8.4E-05	1.05E-03	8.79E-08	2.19E-01	1.57E-01	3.03E-09	1.0E+06	3.0E-03
181	1.54252	5.73E-05	8.8E-05	1.05E-03	9.23E-08	2.19E-01	1.57E-01	3.18E-09	1.0E+06	3.2E-03
182	1.62487	5.73E-05	9.3E-05	1.05E-03	9.73E-08	2.19E-01	1.57E-01	3.35E-09	1.0E+06	3.4E-03
183	1.71683	5.73E-05	9.8E-05	1.05E-03	1.03E-07	2.19E-01	1.57E-01	3.54E-09	1.0E+06	3.5E-03
184	1.82042	5.73E-05	1.0E-04	1.05E-03	1.09E-07	2.19E-01	1.57E-01	3.75E-09	1.0E+06	3.8E-03
185	1.93817	5.73E-05	1.1E-04	1.05E-03	1.16E-07	2.19E-01	1.57E-01	4.00E-09	1.0E+06	4.0E-03

Berkley WTPF
University Mitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
186	2.07354	5.73E-05	1.2E-04	1.05E-03	1.24E-07	2.19E-01	1.57E-01	4.28E-09	1.0E+06	4.3E-03
187	2.23158	5.73E-05	1.3E-04	1.05E-03	1.34E-07	2.19E-01	1.57E-01	4.60E-09	1.0E+06	4.6E-03
188	2.41953	5.73E-05	1.4E-04	1.05E-03	1.45E-07	2.19E-01	1.57E-01	4.99E-09	1.0E+06	5.0E-03
189	2.64587	5.73E-05	1.5E-04	1.05E-03	1.58E-07	2.19E-01	1.57E-01	5.46E-09	1.0E+06	5.5E-03
190	2.92319	5.73E-05	1.7E-04	1.05E-03	1.75E-07	2.19E-01	1.57E-01	6.03E-09	1.0E+06	6.0E-03
191	0.77226	5.73E-05	4.4E-05	1.05E-03	4.62E-08	2.19E-01	1.57E-01	1.59E-09	1.0E+06	1.6E-03
192	0.80782	5.73E-05	4.6E-05	1.05E-03	4.84E-08	2.19E-01	1.57E-01	1.67E-09	1.0E+06	1.7E-03
193	0.84455	5.73E-05	4.8E-05	1.05E-03	5.06E-08	2.19E-01	1.57E-01	1.74E-09	1.0E+06	1.7E-03
194	0.88381	5.73E-05	5.1E-05	1.05E-03	5.29E-08	2.19E-01	1.57E-01	1.82E-09	1.0E+06	1.8E-03
195	0.92545	5.73E-05	5.3E-05	1.05E-03	5.54E-08	2.19E-01	1.57E-01	1.91E-09	1.0E+06	1.9E-03
196	0.96902	5.73E-05	5.5E-05	1.05E-03	5.80E-08	2.19E-01	1.57E-01	2.00E-09	1.0E+06	2.0E-03
197	1.01415	5.73E-05	5.8E-05	1.05E-03	6.07E-08	2.19E-01	1.57E-01	2.09E-09	1.0E+06	2.1E-03
198	1.06117	5.73E-05	6.1E-05	1.05E-03	6.35E-08	2.19E-01	1.57E-01	2.19E-09	1.0E+06	2.2E-03
199	1.11071	5.73E-05	6.4E-05	1.05E-03	6.65E-08	2.19E-01	1.57E-01	2.29E-09	1.0E+06	2.3E-03
200	1.16308	5.73E-05	6.7E-05	1.05E-03	6.96E-08	2.19E-01	1.57E-01	2.40E-09	1.0E+06	2.4E-03
201	1.40157	5.73E-05	8.0E-05	1.05E-03	8.39E-08	2.19E-01	1.57E-01	2.89E-09	1.0E+06	2.9E-03
202	1.47305	5.73E-05	8.4E-05	1.05E-03	8.82E-08	2.19E-01	1.57E-01	3.04E-09	1.0E+06	3.0E-03
203	1.55243	5.73E-05	8.9E-05	1.05E-03	9.29E-08	2.19E-01	1.57E-01	3.20E-09	1.0E+06	3.2E-03
204	1.6413	5.73E-05	9.4E-05	1.05E-03	9.82E-08	2.19E-01	1.57E-01	3.38E-09	1.0E+06	3.4E-03
205	1.7416	5.73E-05	1.0E-04	1.05E-03	1.04E-07	2.19E-01	1.57E-01	3.59E-09	1.0E+06	3.6E-03
206	1.85601	5.73E-05	1.1E-04	1.05E-03	1.11E-07	2.19E-01	1.57E-01	3.83E-09	1.0E+06	3.8E-03
207	1.98839	5.73E-05	1.1E-04	1.05E-03	1.19E-07	2.19E-01	1.57E-01	4.10E-09	1.0E+06	4.1E-03
208	2.14321	5.73E-05	1.2E-04	1.05E-03	1.28E-07	2.19E-01	1.57E-01	4.42E-09	1.0E+06	4.4E-03
209	2.32427	5.73E-05	1.3E-04	1.05E-03	1.39E-07	2.19E-01	1.57E-01	4.79E-09	1.0E+06	4.8E-03
210	2.53391	5.73E-05	1.5E-04	1.05E-03	1.52E-07	2.19E-01	1.57E-01	5.22E-09	1.0E+06	5.2E-03
211	0.7238	5.73E-05	4.1E-05	1.05E-03	4.33E-08	2.19E-01	1.57E-01	1.49E-09	1.0E+06	1.5E-03
212	0.75505	5.73E-05	4.3E-05	1.05E-03	4.52E-08	2.19E-01	1.57E-01	1.56E-09	1.0E+06	1.6E-03
213	0.78761	5.73E-05	4.5E-05	1.05E-03	4.71E-08	2.19E-01	1.57E-01	1.62E-09	1.0E+06	1.6E-03
214	0.82218	5.73E-05	4.7E-05	1.05E-03	4.92E-08	2.19E-01	1.57E-01	1.70E-09	1.0E+06	1.7E-03
215	0.85887	5.73E-05	4.9E-05	1.05E-03	5.14E-08	2.19E-01	1.57E-01	1.77E-09	1.0E+06	1.8E-03
216	0.89736	5.73E-05	5.1E-05	1.05E-03	5.37E-08	2.19E-01	1.57E-01	1.85E-09	1.0E+06	1.9E-03

Berkley WTPF
University Mitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
217	0.93729	5.73E-05	5.4E-05	1.05E-03	5.61E-08	2.19E-01	1.57E-01	1.93E-09	1.0E+06	1.9E-03
218	0.97878	5.73E-05	5.6E-05	1.05E-03	5.86E-08	2.19E-01	1.57E-01	2.02E-09	1.0E+06	2.0E-03
219	1.02242	5.73E-05	5.9E-05	1.05E-03	6.12E-08	2.19E-01	1.57E-01	2.11E-09	1.0E+06	2.1E-03
220	1.41239	5.73E-05	8.1E-05	1.05E-03	8.45E-08	2.19E-01	1.57E-01	2.91E-09	1.0E+06	2.9E-03
221	1.48911	5.73E-05	8.5E-05	1.05E-03	8.91E-08	2.19E-01	1.57E-01	3.07E-09	1.0E+06	3.1E-03
222	1.57502	5.73E-05	9.0E-05	1.05E-03	9.43E-08	2.19E-01	1.57E-01	3.25E-09	1.0E+06	3.2E-03
223	1.67201	5.73E-05	9.6E-05	1.05E-03	1.00E-07	2.19E-01	1.57E-01	3.45E-09	1.0E+06	3.4E-03
224	1.78272	5.73E-05	1.0E-04	1.05E-03	1.07E-07	2.19E-01	1.57E-01	3.68E-09	1.0E+06	3.7E-03
225	1.90966	5.73E-05	1.1E-04	1.05E-03	1.14E-07	2.19E-01	1.57E-01	3.94E-09	1.0E+06	3.9E-03
226	2.05448	5.73E-05	1.2E-04	1.05E-03	1.23E-07	2.19E-01	1.57E-01	4.24E-09	1.0E+06	4.2E-03
227	0.65271	5.73E-05	3.7E-05	1.05E-03	3.91E-08	2.19E-01	1.57E-01	1.35E-09	1.0E+06	1.3E-03
228	0.68017	5.73E-05	3.9E-05	1.05E-03	4.07E-08	2.19E-01	1.57E-01	1.40E-09	1.0E+06	1.4E-03
229	0.70793	5.73E-05	4.1E-05	1.05E-03	4.24E-08	2.19E-01	1.57E-01	1.46E-09	1.0E+06	1.5E-03
230	0.73682	5.73E-05	4.2E-05	1.05E-03	4.41E-08	2.19E-01	1.57E-01	1.52E-09	1.0E+06	1.5E-03
231	0.76747	5.73E-05	4.4E-05	1.05E-03	4.59E-08	2.19E-01	1.57E-01	1.58E-09	1.0E+06	1.6E-03
232	0.80005	5.73E-05	4.6E-05	1.05E-03	4.79E-08	2.19E-01	1.57E-01	1.65E-09	1.0E+06	1.6E-03
233	0.83431	5.73E-05	4.8E-05	1.05E-03	4.99E-08	2.19E-01	1.57E-01	1.72E-09	1.0E+06	1.7E-03
234	0.86993	5.73E-05	5.0E-05	1.05E-03	5.21E-08	2.19E-01	1.57E-01	1.79E-09	1.0E+06	1.8E-03
235	0.90687	5.73E-05	5.2E-05	1.05E-03	5.43E-08	2.19E-01	1.57E-01	1.87E-09	1.0E+06	1.9E-03
236	0.94562	5.73E-05	5.4E-05	1.05E-03	5.66E-08	2.19E-01	1.57E-01	1.95E-09	1.0E+06	1.9E-03
237	1.23205	5.73E-05	7.1E-05	1.05E-03	7.38E-08	2.19E-01	1.57E-01	2.54E-09	1.0E+06	2.5E-03
238	1.2924	5.73E-05	7.4E-05	1.05E-03	7.74E-08	2.19E-01	1.57E-01	2.66E-09	1.0E+06	2.7E-03
239	1.3589	5.73E-05	7.8E-05	1.05E-03	8.13E-08	2.19E-01	1.57E-01	2.80E-09	1.0E+06	2.8E-03
240	1.43264	5.73E-05	8.2E-05	1.05E-03	8.58E-08	2.19E-01	1.57E-01	2.95E-09	1.0E+06	3.0E-03
241	1.51491	5.73E-05	8.7E-05	1.05E-03	9.07E-08	2.19E-01	1.57E-01	3.12E-09	1.0E+06	3.1E-03
242	1.60724	5.73E-05	9.2E-05	1.05E-03	9.62E-08	2.19E-01	1.57E-01	3.31E-09	1.0E+06	3.3E-03
243	1.71209	5.73E-05	9.8E-05	1.05E-03	1.02E-07	2.19E-01	1.57E-01	3.53E-09	1.0E+06	3.5E-03
244	1.82903	5.73E-05	1.0E-04	1.05E-03	1.09E-07	2.19E-01	1.57E-01	3.77E-09	1.0E+06	3.8E-03
245	0.66568	5.73E-05	3.8E-05	1.05E-03	3.98E-08	2.19E-01	1.57E-01	1.37E-09	1.0E+06	1.4E-03
246	0.6915	5.73E-05	4.0E-05	1.05E-03	4.14E-08	2.19E-01	1.57E-01	1.43E-09	1.0E+06	1.4E-03
247	0.71889	5.73E-05	4.1E-05	1.05E-03	4.30E-08	2.19E-01	1.57E-01	1.48E-09	1.0E+06	1.5E-03

Berkley WTPF

University Mitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
248	0.74802	5.73E-05	4.3E-05	1.05E-03	4.48E-08	2.19E-01	1.57E-01	1.54E-09	1.0E+06	1.5E-03
249	0.77873	5.73E-05	4.5E-05	1.05E-03	4.66E-08	2.19E-01	1.57E-01	1.61E-09	1.0E+06	1.6E-03
250	0.81073	5.73E-05	4.6E-05	1.05E-03	4.85E-08	2.19E-01	1.57E-01	1.67E-09	1.0E+06	1.7E-03
251	0.84391	5.73E-05	4.8E-05	1.05E-03	5.05E-08	2.19E-01	1.57E-01	1.74E-09	1.0E+06	1.7E-03
252	0.8786	5.73E-05	5.0E-05	1.05E-03	5.26E-08	2.19E-01	1.57E-01	1.81E-09	1.0E+06	1.8E-03
253	1.1357	5.73E-05	6.5E-05	1.05E-03	6.80E-08	2.19E-01	1.57E-01	2.34E-09	1.0E+06	2.3E-03
254	1.18877	5.73E-05	6.8E-05	1.05E-03	7.12E-08	2.19E-01	1.57E-01	2.45E-09	1.0E+06	2.5E-03
255	1.24651	5.73E-05	7.1E-05	1.05E-03	7.46E-08	2.19E-01	1.57E-01	2.57E-09	1.0E+06	2.6E-03
256	1.30977	5.73E-05	7.5E-05	1.05E-03	7.84E-08	2.19E-01	1.57E-01	2.70E-09	1.0E+06	2.7E-03
257	1.37943	5.73E-05	7.9E-05	1.05E-03	8.26E-08	2.19E-01	1.57E-01	2.84E-09	1.0E+06	2.8E-03
258	1.45635	5.73E-05	8.3E-05	1.05E-03	8.72E-08	2.19E-01	1.57E-01	3.00E-09	1.0E+06	3.0E-03
259	1.54291	5.73E-05	8.8E-05	1.05E-03	9.24E-08	2.19E-01	1.57E-01	3.18E-09	1.0E+06	3.2E-03
260	0.75851	5.73E-05	4.3E-05	1.05E-03	4.54E-08	2.19E-01	1.57E-01	1.56E-09	1.0E+06	1.6E-03
261	0.78851	5.73E-05	4.5E-05	1.05E-03	4.72E-08	2.19E-01	1.57E-01	1.63E-09	1.0E+06	1.6E-03
262	1.00731	5.73E-05	5.8E-05	1.05E-03	6.03E-08	2.19E-01	1.57E-01	2.08E-09	1.0E+06	2.1E-03
263	1.05147	5.73E-05	6.0E-05	1.05E-03	6.29E-08	2.19E-01	1.57E-01	2.17E-09	1.0E+06	2.2E-03
264	1.09833	5.73E-05	6.3E-05	1.05E-03	6.57E-08	2.19E-01	1.57E-01	2.26E-09	1.0E+06	2.3E-03
265	1.14852	5.73E-05	6.6E-05	1.05E-03	6.88E-08	2.19E-01	1.57E-01	2.37E-09	1.0E+06	2.4E-03
266	1.20271	5.73E-05	6.9E-05	1.05E-03	7.20E-08	2.19E-01	1.57E-01	2.48E-09	1.0E+06	2.5E-03
267	1.2616	5.73E-05	7.2E-05	1.05E-03	7.55E-08	2.19E-01	1.57E-01	2.60E-09	1.0E+06	2.6E-03
268	1.32592	5.73E-05	7.6E-05	1.05E-03	7.94E-08	2.19E-01	1.57E-01	2.73E-09	1.0E+06	2.7E-03
269	1.3974	5.73E-05	8.0E-05	1.05E-03	8.36E-08	2.19E-01	1.57E-01	2.88E-09	1.0E+06	2.9E-03
270	0.93738	5.73E-05	5.4E-05	1.05E-03	5.61E-08	2.19E-01	1.57E-01	1.93E-09	1.0E+06	1.9E-03
271	0.97697	5.73E-05	5.6E-05	1.05E-03	5.85E-08	2.19E-01	1.57E-01	2.01E-09	1.0E+06	2.0E-03
272	1.01843	5.73E-05	5.8E-05	1.05E-03	6.10E-08	2.19E-01	1.57E-01	2.10E-09	1.0E+06	2.1E-03
273	1.06211	5.73E-05	6.1E-05	1.05E-03	6.36E-08	2.19E-01	1.57E-01	2.19E-09	1.0E+06	2.2E-03
274	1.10854	5.73E-05	6.3E-05	1.05E-03	6.64E-08	2.19E-01	1.57E-01	2.29E-09	1.0E+06	2.3E-03
275	1.15837	5.73E-05	6.6E-05	1.05E-03	6.93E-08	2.19E-01	1.57E-01	2.39E-09	1.0E+06	2.4E-03
276	1.21347	5.73E-05	6.9E-05	1.05E-03	7.26E-08	2.19E-01	1.57E-01	2.50E-09	1.0E+06	2.5E-03
277	0.47063	5.73E-05	2.7E-05	1.05E-03	2.82E-08	2.19E-01	1.57E-01	9.70E-10	1.0E+06	9.7E-04
278	0.48903	5.73E-05	2.8E-05	1.05E-03	2.93E-08	2.19E-01	1.57E-01	1.01E-09	1.0E+06	1.0E-03

Berkley WTPF
University Mitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
279	0.50783	5.73E-05	2.9E-05	1.05E-03	3.04E-08	2.19E-01	1.57E-01	1.05E-09	1.0E+06	1.0E-03
280	0.52629	5.73E-05	3.0E-05	1.05E-03	3.15E-08	2.19E-01	1.57E-01	1.09E-09	1.0E+06	1.1E-03
281	0.54449	5.73E-05	3.1E-05	1.05E-03	3.26E-08	2.19E-01	1.57E-01	1.12E-09	1.0E+06	1.1E-03
282	0.84081	5.73E-05	4.8E-05	1.05E-03	5.03E-08	2.19E-01	1.57E-01	1.73E-09	1.0E+06	1.7E-03
283	0.87487	5.73E-05	5.0E-05	1.05E-03	5.24E-08	2.19E-01	1.57E-01	1.80E-09	1.0E+06	1.8E-03
284	0.91032	5.73E-05	5.2E-05	1.05E-03	5.45E-08	2.19E-01	1.57E-01	1.88E-09	1.0E+06	1.9E-03
285	0.94703	5.73E-05	5.4E-05	1.05E-03	5.67E-08	2.19E-01	1.57E-01	1.95E-09	1.0E+06	2.0E-03
286	0.98512	5.73E-05	5.6E-05	1.05E-03	5.90E-08	2.19E-01	1.57E-01	2.03E-09	1.0E+06	2.0E-03
287	1.02502	5.73E-05	5.9E-05	1.05E-03	6.14E-08	2.19E-01	1.57E-01	2.11E-09	1.0E+06	2.1E-03
288	1.06739	5.73E-05	6.1E-05	1.05E-03	6.39E-08	2.19E-01	1.57E-01	2.20E-09	1.0E+06	2.2E-03
289	1.11366	5.73E-05	6.4E-05	1.05E-03	6.67E-08	2.19E-01	1.57E-01	2.30E-09	1.0E+06	2.3E-03
290	0.43444	5.73E-05	2.5E-05	1.05E-03	2.60E-08	2.19E-01	1.57E-01	8.96E-10	1.0E+06	9.0E-04
291	0.45033	5.73E-05	2.6E-05	1.05E-03	2.70E-08	2.19E-01	1.57E-01	9.28E-10	1.0E+06	9.3E-04
292	0.46743	5.73E-05	2.7E-05	1.05E-03	2.80E-08	2.19E-01	1.57E-01	9.64E-10	1.0E+06	9.6E-04
293	0.48463	5.73E-05	2.8E-05	1.05E-03	2.90E-08	2.19E-01	1.57E-01	9.99E-10	1.0E+06	1.0E-03
294	0.50147	5.73E-05	2.9E-05	1.05E-03	3.00E-08	2.19E-01	1.57E-01	1.03E-09	1.0E+06	1.0E-03
295	0.51809	5.73E-05	3.0E-05	1.05E-03	3.10E-08	2.19E-01	1.57E-01	1.07E-09	1.0E+06	1.1E-03
296	0.5349	5.73E-05	3.1E-05	1.05E-03	3.20E-08	2.19E-01	1.57E-01	1.10E-09	1.0E+06	1.1E-03
297	0.55241	5.73E-05	3.2E-05	1.05E-03	3.31E-08	2.19E-01	1.57E-01	1.14E-09	1.0E+06	1.1E-03
298	0.57097	5.73E-05	3.3E-05	1.05E-03	3.42E-08	2.19E-01	1.57E-01	1.18E-09	1.0E+06	1.2E-03
299	0.59071	5.73E-05	3.4E-05	1.05E-03	3.54E-08	2.19E-01	1.57E-01	1.22E-09	1.0E+06	1.2E-03
300	0.61164	5.73E-05	3.5E-05	1.05E-03	3.66E-08	2.19E-01	1.57E-01	1.26E-09	1.0E+06	1.3E-03
301	0.78797	5.73E-05	4.5E-05	1.05E-03	4.72E-08	2.19E-01	1.57E-01	1.62E-09	1.0E+06	1.6E-03
302	0.81849	5.73E-05	4.7E-05	1.05E-03	4.90E-08	2.19E-01	1.57E-01	1.69E-09	1.0E+06	1.7E-03
303	0.85013	5.73E-05	4.9E-05	1.05E-03	5.09E-08	2.19E-01	1.57E-01	1.75E-09	1.0E+06	1.8E-03
304	0.88263	5.73E-05	5.1E-05	1.05E-03	5.28E-08	2.19E-01	1.57E-01	1.82E-09	1.0E+06	1.8E-03
305	0.91596	5.73E-05	5.2E-05	1.05E-03	5.48E-08	2.19E-01	1.57E-01	1.89E-09	1.0E+06	1.9E-03
306	0.95046	5.73E-05	5.4E-05	1.05E-03	5.69E-08	2.19E-01	1.57E-01	1.96E-09	1.0E+06	2.0E-03
307	0.98675	5.73E-05	5.7E-05	1.05E-03	5.91E-08	2.19E-01	1.57E-01	2.03E-09	1.0E+06	2.0E-03
308	0.41681	5.73E-05	2.4E-05	1.05E-03	2.50E-08	2.19E-01	1.57E-01	8.59E-10	1.0E+06	8.6E-04
309	0.43169	5.73E-05	2.5E-05	1.05E-03	2.58E-08	2.19E-01	1.57E-01	8.90E-10	1.0E+06	8.9E-04

Berkley WTPF
University Mitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
310	0.44749	5.73E-05	2.6E-05	1.05E-03	2.68E-08	2.19E-01	1.57E-01	9.23E-10	1.0E+06	9.2E-04
311	0.46324	5.73E-05	2.7E-05	1.05E-03	2.77E-08	2.19E-01	1.57E-01	9.55E-10	1.0E+06	9.6E-04
312	0.47866	5.73E-05	2.7E-05	1.05E-03	2.87E-08	2.19E-01	1.57E-01	9.87E-10	1.0E+06	9.9E-04
313	0.4939	5.73E-05	2.8E-05	1.05E-03	2.96E-08	2.19E-01	1.57E-01	1.02E-09	1.0E+06	1.0E-03
314	0.50933	5.73E-05	2.9E-05	1.05E-03	3.05E-08	2.19E-01	1.57E-01	1.05E-09	1.0E+06	1.1E-03
315	0.52541	5.73E-05	3.0E-05	1.05E-03	3.15E-08	2.19E-01	1.57E-01	1.08E-09	1.0E+06	1.1E-03
316	0.54244	5.73E-05	3.1E-05	1.05E-03	3.25E-08	2.19E-01	1.57E-01	1.12E-09	1.0E+06	1.1E-03
317	0.56055	5.73E-05	3.2E-05	1.05E-03	3.36E-08	2.19E-01	1.57E-01	1.16E-09	1.0E+06	1.2E-03
318	0.57976	5.73E-05	3.3E-05	1.05E-03	3.47E-08	2.19E-01	1.57E-01	1.20E-09	1.0E+06	1.2E-03
319	0.59999	5.73E-05	3.4E-05	1.05E-03	3.59E-08	2.19E-01	1.57E-01	1.24E-09	1.0E+06	1.2E-03
320	0.62108	5.73E-05	3.6E-05	1.05E-03	3.72E-08	2.19E-01	1.57E-01	1.28E-09	1.0E+06	1.3E-03
321	0.64291	5.73E-05	3.7E-05	1.05E-03	3.85E-08	2.19E-01	1.57E-01	1.33E-09	1.0E+06	1.3E-03
322	0.66553	5.73E-05	3.8E-05	1.05E-03	3.98E-08	2.19E-01	1.57E-01	1.37E-09	1.0E+06	1.4E-03
323	0.74004	5.73E-05	4.2E-05	1.05E-03	4.43E-08	2.19E-01	1.57E-01	1.53E-09	1.0E+06	1.5E-03
324	0.76728	5.73E-05	4.4E-05	1.05E-03	4.59E-08	2.19E-01	1.57E-01	1.58E-09	1.0E+06	1.6E-03
325	0.79544	5.73E-05	4.6E-05	1.05E-03	4.76E-08	2.19E-01	1.57E-01	1.64E-09	1.0E+06	1.6E-03
326	0.8242	5.73E-05	4.7E-05	1.05E-03	4.93E-08	2.19E-01	1.57E-01	1.70E-09	1.0E+06	1.7E-03
327	0.85349	5.73E-05	4.9E-05	1.05E-03	5.11E-08	2.19E-01	1.57E-01	1.76E-09	1.0E+06	1.8E-03
328	0.88357	5.73E-05	5.1E-05	1.05E-03	5.29E-08	2.19E-01	1.57E-01	1.82E-09	1.0E+06	1.8E-03
329	0.91494	5.73E-05	5.2E-05	1.05E-03	5.48E-08	2.19E-01	1.57E-01	1.89E-09	1.0E+06	1.9E-03
330	0.40041	5.73E-05	2.3E-05	1.05E-03	2.40E-08	2.19E-01	1.57E-01	8.26E-10	1.0E+06	8.3E-04
331	0.41435	5.73E-05	2.4E-05	1.05E-03	2.48E-08	2.19E-01	1.57E-01	8.54E-10	1.0E+06	8.5E-04
332	0.42896	5.73E-05	2.5E-05	1.05E-03	2.57E-08	2.19E-01	1.57E-01	8.84E-10	1.0E+06	8.8E-04
333	0.44344	5.73E-05	2.5E-05	1.05E-03	2.65E-08	2.19E-01	1.57E-01	9.14E-10	1.0E+06	9.1E-04
334	0.4576	5.73E-05	2.6E-05	1.05E-03	2.74E-08	2.19E-01	1.57E-01	9.43E-10	1.0E+06	9.4E-04
335	0.47163	5.73E-05	2.7E-05	1.05E-03	2.82E-08	2.19E-01	1.57E-01	9.72E-10	1.0E+06	9.7E-04
336	0.48585	5.73E-05	2.8E-05	1.05E-03	2.91E-08	2.19E-01	1.57E-01	1.00E-09	1.0E+06	1.0E-03
337	0.50066	5.73E-05	2.9E-05	1.05E-03	3.00E-08	2.19E-01	1.57E-01	1.03E-09	1.0E+06	1.0E-03
338	0.51634	5.73E-05	3.0E-05	1.05E-03	3.09E-08	2.19E-01	1.57E-01	1.06E-09	1.0E+06	1.1E-03
339	0.53302	5.73E-05	3.1E-05	1.05E-03	3.19E-08	2.19E-01	1.57E-01	1.10E-09	1.0E+06	1.1E-03
340	0.55069	5.73E-05	3.2E-05	1.05E-03	3.30E-08	2.19E-01	1.57E-01	1.14E-09	1.0E+06	1.1E-03

Berkley WTPF
University Mitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
341	0.5693	5.73E-05	3.3E-05	1.05E-03	3.41E-08	2.19E-01	1.57E-01	1.17E-09	1.0E+06	1.2E-03
342	0.5887	5.73E-05	3.4E-05	1.05E-03	3.52E-08	2.19E-01	1.57E-01	1.21E-09	1.0E+06	1.2E-03
343	0.60872	5.73E-05	3.5E-05	1.05E-03	3.64E-08	2.19E-01	1.57E-01	1.26E-09	1.0E+06	1.3E-03
344	0.62935	5.73E-05	3.6E-05	1.05E-03	3.77E-08	2.19E-01	1.57E-01	1.30E-09	1.0E+06	1.3E-03
345	0.65073	5.73E-05	3.7E-05	1.05E-03	3.90E-08	2.19E-01	1.57E-01	1.34E-09	1.0E+06	1.3E-03
346	0.67302	5.73E-05	3.9E-05	1.05E-03	4.03E-08	2.19E-01	1.57E-01	1.39E-09	1.0E+06	1.4E-03
347	0.69632	5.73E-05	4.0E-05	1.05E-03	4.17E-08	2.19E-01	1.57E-01	1.44E-09	1.0E+06	1.4E-03
348	0.72057	5.73E-05	4.1E-05	1.05E-03	4.31E-08	2.19E-01	1.57E-01	1.49E-09	1.0E+06	1.5E-03
349	0.74555	5.73E-05	4.3E-05	1.05E-03	4.46E-08	2.19E-01	1.57E-01	1.54E-09	1.0E+06	1.5E-03
350	0.77102	5.73E-05	4.4E-05	1.05E-03	4.62E-08	2.19E-01	1.57E-01	1.59E-09	1.0E+06	1.6E-03
351	0.79728	5.73E-05	4.6E-05	1.05E-03	4.77E-08	2.19E-01	1.57E-01	1.64E-09	1.0E+06	1.6E-03
352	0.82395	5.73E-05	4.7E-05	1.05E-03	4.93E-08	2.19E-01	1.57E-01	1.70E-09	1.0E+06	1.7E-03
353	0.3851	5.73E-05	2.2E-05	1.05E-03	2.31E-08	2.19E-01	1.57E-01	7.94E-10	1.0E+06	7.9E-04
354	0.39815	5.73E-05	2.3E-05	1.05E-03	2.38E-08	2.19E-01	1.57E-01	8.21E-10	1.0E+06	8.2E-04
355	0.41169	5.73E-05	2.4E-05	1.05E-03	2.46E-08	2.19E-01	1.57E-01	8.49E-10	1.0E+06	8.5E-04
356	0.42504	5.73E-05	2.4E-05	1.05E-03	2.54E-08	2.19E-01	1.57E-01	8.76E-10	1.0E+06	8.8E-04
357	0.4381	5.73E-05	2.5E-05	1.05E-03	2.62E-08	2.19E-01	1.57E-01	9.03E-10	1.0E+06	9.0E-04
358	0.45105	5.73E-05	2.6E-05	1.05E-03	2.70E-08	2.19E-01	1.57E-01	9.30E-10	1.0E+06	9.3E-04
359	0.46419	5.73E-05	2.7E-05	1.05E-03	2.78E-08	2.19E-01	1.57E-01	9.57E-10	1.0E+06	9.6E-04
360	0.47787	5.73E-05	2.7E-05	1.05E-03	2.86E-08	2.19E-01	1.57E-01	9.85E-10	1.0E+06	9.9E-04
361	0.49235	5.73E-05	2.8E-05	1.05E-03	2.95E-08	2.19E-01	1.57E-01	1.02E-09	1.0E+06	1.0E-03
362	0.50774	5.73E-05	2.9E-05	1.05E-03	3.04E-08	2.19E-01	1.57E-01	1.05E-09	1.0E+06	1.0E-03
363	0.52402	5.73E-05	3.0E-05	1.05E-03	3.14E-08	2.19E-01	1.57E-01	1.08E-09	1.0E+06	1.1E-03
364	0.54114	5.73E-05	3.1E-05	1.05E-03	3.24E-08	2.19E-01	1.57E-01	1.12E-09	1.0E+06	1.1E-03
365	0.55897	5.73E-05	3.2E-05	1.05E-03	3.35E-08	2.19E-01	1.57E-01	1.15E-09	1.0E+06	1.2E-03
366	0.57732	5.73E-05	3.3E-05	1.05E-03	3.46E-08	2.19E-01	1.57E-01	1.19E-09	1.0E+06	1.2E-03
367	0.59613	5.73E-05	3.4E-05	1.05E-03	3.57E-08	2.19E-01	1.57E-01	1.23E-09	1.0E+06	1.2E-03
368	0.61547	5.73E-05	3.5E-05	1.05E-03	3.68E-08	2.19E-01	1.57E-01	1.27E-09	1.0E+06	1.3E-03
369	0.63551	5.73E-05	3.6E-05	1.05E-03	3.80E-08	2.19E-01	1.57E-01	1.31E-09	1.0E+06	1.3E-03
370	0.65636	5.73E-05	3.8E-05	1.05E-03	3.93E-08	2.19E-01	1.57E-01	1.35E-09	1.0E+06	1.4E-03
371	0.67794	5.73E-05	3.9E-05	1.05E-03	4.06E-08	2.19E-01	1.57E-01	1.40E-09	1.0E+06	1.4E-03

Berkley WTPF
University Mitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
372	0.70011	5.73E-05	4.0E-05	1.05E-03	4.19E-08	2.19E-01	1.57E-01	1.44E-09	1.0E+06	1.4E-03
373	0.383	5.73E-05	2.2E-05	1.05E-03	2.29E-08	2.19E-01	1.57E-01	7.90E-10	1.0E+06	7.9E-04
374	0.39556	5.73E-05	2.3E-05	1.05E-03	2.37E-08	2.19E-01	1.57E-01	8.16E-10	1.0E+06	8.2E-04
375	0.4079	5.73E-05	2.3E-05	1.05E-03	2.44E-08	2.19E-01	1.57E-01	8.41E-10	1.0E+06	8.4E-04
376	0.41998	5.73E-05	2.4E-05	1.05E-03	2.51E-08	2.19E-01	1.57E-01	8.66E-10	1.0E+06	8.7E-04
377	0.43197	5.73E-05	2.5E-05	1.05E-03	2.59E-08	2.19E-01	1.57E-01	8.91E-10	1.0E+06	8.9E-04
378	0.44416	5.73E-05	2.5E-05	1.05E-03	2.66E-08	2.19E-01	1.57E-01	9.16E-10	1.0E+06	9.2E-04
379	0.45683	5.73E-05	2.6E-05	1.05E-03	2.73E-08	2.19E-01	1.57E-01	9.42E-10	1.0E+06	9.4E-04
380	0.47022	5.73E-05	2.7E-05	1.05E-03	2.81E-08	2.19E-01	1.57E-01	9.69E-10	1.0E+06	9.7E-04
381	0.48443	5.73E-05	2.8E-05	1.05E-03	2.90E-08	2.19E-01	1.57E-01	9.99E-10	1.0E+06	1.0E-03
382	0.49943	5.73E-05	2.9E-05	1.05E-03	2.99E-08	2.19E-01	1.57E-01	1.03E-09	1.0E+06	1.0E-03
383	0.51518	5.73E-05	3.0E-05	1.05E-03	3.08E-08	2.19E-01	1.57E-01	1.06E-09	1.0E+06	1.1E-03
384	0.53154	5.73E-05	3.0E-05	1.05E-03	3.18E-08	2.19E-01	1.57E-01	1.10E-09	1.0E+06	1.1E-03
385	0.54834	5.73E-05	3.1E-05	1.05E-03	3.28E-08	2.19E-01	1.57E-01	1.13E-09	1.0E+06	1.1E-03
386	0.56549	5.73E-05	3.2E-05	1.05E-03	3.39E-08	2.19E-01	1.57E-01	1.17E-09	1.0E+06	1.2E-03
387	0.583	5.73E-05	3.3E-05	1.05E-03	3.49E-08	2.19E-01	1.57E-01	1.20E-09	1.0E+06	1.2E-03
388	0.60118	5.73E-05	3.4E-05	1.05E-03	3.60E-08	2.19E-01	1.57E-01	1.24E-09	1.0E+06	1.2E-03
389	0.36892	5.73E-05	2.1E-05	1.05E-03	2.21E-08	2.19E-01	1.57E-01	7.61E-10	1.0E+06	7.6E-04
390	0.38061	5.73E-05	2.2E-05	1.05E-03	2.28E-08	2.19E-01	1.57E-01	7.85E-10	1.0E+06	7.8E-04
391	0.392	5.73E-05	2.2E-05	1.05E-03	2.35E-08	2.19E-01	1.57E-01	8.08E-10	1.0E+06	8.1E-04
392	0.40313	5.73E-05	2.3E-05	1.05E-03	2.41E-08	2.19E-01	1.57E-01	8.31E-10	1.0E+06	8.3E-04
393	0.41427	5.73E-05	2.4E-05	1.05E-03	2.48E-08	2.19E-01	1.57E-01	8.54E-10	1.0E+06	8.5E-04
394	0.42557	5.73E-05	2.4E-05	1.05E-03	2.55E-08	2.19E-01	1.57E-01	8.77E-10	1.0E+06	8.8E-04
395	0.43733	5.73E-05	2.5E-05	1.05E-03	2.62E-08	2.19E-01	1.57E-01	9.02E-10	1.0E+06	9.0E-04
396	0.44972	5.73E-05	2.6E-05	1.05E-03	2.69E-08	2.19E-01	1.57E-01	9.27E-10	1.0E+06	9.3E-04
397	0.46284	5.73E-05	2.7E-05	1.05E-03	2.77E-08	2.19E-01	1.57E-01	9.54E-10	1.0E+06	9.5E-04
398	0.47666	5.73E-05	2.7E-05	1.05E-03	2.85E-08	2.19E-01	1.57E-01	9.83E-10	1.0E+06	9.8E-04
399	0.49113	5.73E-05	2.8E-05	1.05E-03	2.94E-08	2.19E-01	1.57E-01	1.01E-09	1.0E+06	1.0E-03
400	0.50613	5.73E-05	2.9E-05	1.05E-03	3.03E-08	2.19E-01	1.57E-01	1.04E-09	1.0E+06	1.0E-03
401	0.52151	5.73E-05	3.0E-05	1.05E-03	3.12E-08	2.19E-01	1.57E-01	1.08E-09	1.0E+06	1.1E-03
402	0.53714	5.73E-05	3.1E-05	1.05E-03	3.22E-08	2.19E-01	1.57E-01	1.11E-09	1.0E+06	1.1E-03

Berkley WTPF
University Mitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
403	0.55301	5.73E-05	3.2E-05	1.05E-03	3.31E-08	2.19E-01	1.57E-01	1.14E-09	1.0E+06	1.1E-03
404	0.36631	5.73E-05	2.1E-05	1.05E-03	2.19E-08	2.19E-01	1.57E-01	7.55E-10	1.0E+06	7.6E-04
405	0.37714	5.73E-05	2.2E-05	1.05E-03	2.26E-08	2.19E-01	1.57E-01	7.78E-10	1.0E+06	7.8E-04
406	0.38746	5.73E-05	2.2E-05	1.05E-03	2.32E-08	2.19E-01	1.57E-01	7.99E-10	1.0E+06	8.0E-04
407	0.39778	5.73E-05	2.3E-05	1.05E-03	2.38E-08	2.19E-01	1.57E-01	8.20E-10	1.0E+06	8.2E-04
408	0.40829	5.73E-05	2.3E-05	1.05E-03	2.44E-08	2.19E-01	1.57E-01	8.42E-10	1.0E+06	8.4E-04
409	0.4192	5.73E-05	2.4E-05	1.05E-03	2.51E-08	2.19E-01	1.57E-01	8.64E-10	1.0E+06	8.6E-04
410	0.43067	5.73E-05	2.5E-05	1.05E-03	2.58E-08	2.19E-01	1.57E-01	8.88E-10	1.0E+06	8.9E-04
411	0.44278	5.73E-05	2.5E-05	1.05E-03	2.65E-08	2.19E-01	1.57E-01	9.13E-10	1.0E+06	9.1E-04
412	0.4555	5.73E-05	2.6E-05	1.05E-03	2.73E-08	2.19E-01	1.57E-01	9.39E-10	1.0E+06	9.4E-04
413	0.46878	5.73E-05	2.7E-05	1.05E-03	2.81E-08	2.19E-01	1.57E-01	9.67E-10	1.0E+06	9.7E-04
414	0.48252	5.73E-05	2.8E-05	1.05E-03	2.89E-08	2.19E-01	1.57E-01	9.95E-10	1.0E+06	9.9E-04
415	0.49659	5.73E-05	2.8E-05	1.05E-03	2.97E-08	2.19E-01	1.57E-01	1.02E-09	1.0E+06	1.0E-03
416	0.51085	5.73E-05	2.9E-05	1.05E-03	3.06E-08	2.19E-01	1.57E-01	1.05E-09	1.0E+06	1.1E-03
417	0.52525	5.73E-05	3.0E-05	1.05E-03	3.14E-08	2.19E-01	1.57E-01	1.08E-09	1.0E+06	1.1E-03
418	0.3727	5.73E-05	2.1E-05	1.05E-03	2.23E-08	2.19E-01	1.57E-01	7.68E-10	1.0E+06	7.7E-04
419	0.38243	5.73E-05	2.2E-05	1.05E-03	2.29E-08	2.19E-01	1.57E-01	7.88E-10	1.0E+06	7.9E-04
420	0.39217	5.73E-05	2.2E-05	1.05E-03	2.35E-08	2.19E-01	1.57E-01	8.09E-10	1.0E+06	8.1E-04
421	0.40228	5.73E-05	2.3E-05	1.05E-03	2.41E-08	2.19E-01	1.57E-01	8.29E-10	1.0E+06	8.3E-04
422	0.4129	5.73E-05	2.4E-05	1.05E-03	2.47E-08	2.19E-01	1.57E-01	8.51E-10	1.0E+06	8.5E-04
423	0.42407	5.73E-05	2.4E-05	1.05E-03	2.54E-08	2.19E-01	1.57E-01	8.74E-10	1.0E+06	8.7E-04
424	0.43577	5.73E-05	2.5E-05	1.05E-03	2.61E-08	2.19E-01	1.57E-01	8.98E-10	1.0E+06	9.0E-04
425	0.44795	5.73E-05	2.6E-05	1.05E-03	2.68E-08	2.19E-01	1.57E-01	9.24E-10	1.0E+06	9.2E-04
426	0.46053	5.73E-05	2.6E-05	1.05E-03	2.76E-08	2.19E-01	1.57E-01	9.49E-10	1.0E+06	9.5E-04
427	0.47338	5.73E-05	2.7E-05	1.05E-03	2.83E-08	2.19E-01	1.57E-01	9.76E-10	1.0E+06	9.8E-04
428	0.48637	5.73E-05	2.8E-05	1.05E-03	2.91E-08	2.19E-01	1.57E-01	1.00E-09	1.0E+06	1.0E-03
429	0.49963	5.73E-05	2.9E-05	1.05E-03	2.99E-08	2.19E-01	1.57E-01	1.03E-09	1.0E+06	1.0E-03
430	0.40668	5.73E-05	2.3E-05	1.05E-03	2.43E-08	2.19E-01	1.57E-01	8.38E-10	1.0E+06	8.4E-04
431	0.41744	5.73E-05	2.4E-05	1.05E-03	2.50E-08	2.19E-01	1.57E-01	8.61E-10	1.0E+06	8.6E-04
432	0.42861	5.73E-05	2.5E-05	1.05E-03	2.57E-08	2.19E-01	1.57E-01	8.84E-10	1.0E+06	8.8E-04
433	0.44006	5.73E-05	2.5E-05	1.05E-03	2.63E-08	2.19E-01	1.57E-01	9.07E-10	1.0E+06	9.1E-04

Berkley WTPF
University Mitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
434	0.45169	5.73E-05	2.6E-05	1.05E-03	2.70E-08	2.19E-01	1.57E-01	9.31E-10	1.0E+06	9.3E-04
435	0.46351	5.73E-05	2.7E-05	1.05E-03	2.77E-08	2.19E-01	1.57E-01	9.56E-10	1.0E+06	9.6E-04

Berkley WTPF
University Mitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
	Residence		
1	5	2.89E-05	2.89E-05
2	5	3.22E-05	3.22E-05
3	5	3.57E-05	3.57E-05
4	5	3.94E-05	3.94E-05
5	5	4.34E-05	4.34E-05
6	5	4.78E-05	4.78E-05
7	5	5.26E-05	5.26E-05
8	5	5.79E-05	5.79E-05
9	5	2.22E-05	2.22E-05
10	5	2.44E-05	2.44E-05
11	5	2.69E-05	2.69E-05
12	5	2.94E-05	2.94E-05
13	5	3.21E-05	3.21E-05
14	5	3.50E-05	3.50E-05
15	5	3.81E-05	3.81E-05
16	5	4.15E-05	4.15E-05
17	5	4.52E-05	4.52E-05
18	5	4.92E-05	4.92E-05
19	5	5.35E-05	5.35E-05
20	5	5.84E-05	5.84E-05
21	5	1.94E-05	1.94E-05
22	5	2.12E-05	2.12E-05
23	5	2.30E-05	2.30E-05
24	5	2.50E-05	2.50E-05
25	5	2.70E-05	2.70E-05
26	5	2.92E-05	2.92E-05
27	5	3.15E-05	3.15E-05
28	5	3.39E-05	3.39E-05
29	5	3.66E-05	3.66E-05
30	5	3.96E-05	3.96E-05

Max	Receptor #	
7.156E-05	55	Res
1.011E-04	513	Park
1.726E-04	55	Total

Berkley WTPF
University Mitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
31	5	4.28E-05	4.28E-05
32	5	4.62E-05	4.62E-05
33	5	5.00E-05	5.00E-05
34	5	5.43E-05	5.43E-05
35	5	5.91E-05	5.91E-05
36	5	6.48E-05	6.48E-05
37	5	1.74E-05	1.74E-05
38	5	1.87E-05	1.87E-05
39	5	2.02E-05	2.02E-05
40	5	2.18E-05	2.18E-05
41	5	2.34E-05	2.34E-05
42	5	2.51E-05	2.51E-05
43	5	2.68E-05	2.68E-05
44	5	2.87E-05	2.87E-05
45	5	3.07E-05	3.07E-05
46	5	3.29E-05	3.29E-05
47	5	3.53E-05	3.53E-05
48	5	3.80E-05	3.80E-05
49	5	4.08E-05	4.08E-05
50	5	4.40E-05	4.40E-05
51	5	4.75E-05	4.75E-05
52	5	5.16E-05	5.16E-05
53	5	5.66E-05	5.66E-05
54	5	6.30E-05	6.30E-05
55	5	7.16E-05	7.16E-05
56	5	1.47E-05	1.47E-05
57	5	1.57E-05	1.57E-05
58	5	1.68E-05	1.68E-05
59	5	1.80E-05	1.80E-05
60	5	1.93E-05	1.93E-05
61	5	2.06E-05	2.06E-05

Berkley WTPF
University Mitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
62	5	2.20E-05	2.20E-05
63	5	2.34E-05	2.34E-05
64	5	2.49E-05	2.49E-05
65	5	2.65E-05	2.65E-05
66	5	2.82E-05	2.82E-05
67	5	3.01E-05	3.01E-05
68	5	3.21E-05	3.21E-05
69	5	3.43E-05	3.43E-05
70	5	3.68E-05	3.68E-05
71	5	3.96E-05	3.96E-05
72	5	4.28E-05	4.28E-05
73	5	4.67E-05	4.67E-05
74	5	5.15E-05	5.15E-05
75	5	5.79E-05	5.79E-05
76	5	1.35E-05	1.35E-05
77	5	1.43E-05	1.43E-05
78	5	1.53E-05	1.53E-05
79	5	1.63E-05	1.63E-05
80	5	1.73E-05	1.73E-05
81	5	1.84E-05	1.84E-05
82	5	1.96E-05	1.96E-05
83	5	2.07E-05	2.07E-05
84	5	2.20E-05	2.20E-05
85	5	2.33E-05	2.33E-05
86	5	2.47E-05	2.47E-05
87	5	2.62E-05	2.62E-05
88	5	2.78E-05	2.78E-05
89	5	2.96E-05	2.96E-05
90	5	3.17E-05	3.17E-05
91	5	3.39E-05	3.39E-05
92	5	3.66E-05	3.66E-05

Berkley WTPF
University Mitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
93	5	3.97E-05	3.97E-05
94	5	4.35E-05	4.35E-05
95	5	4.85E-05	4.85E-05
96	5	5.51E-05	5.51E-05
97	5	6.47E-05	6.47E-05
98	5	1.24E-05	1.24E-05
99	5	1.32E-05	1.32E-05
100	5	1.40E-05	1.40E-05
101	5	1.48E-05	1.48E-05
102	5	1.57E-05	1.57E-05
103	5	1.66E-05	1.66E-05
104	5	1.76E-05	1.76E-05
105	5	1.86E-05	1.86E-05
106	5	1.96E-05	1.96E-05
107	5	2.07E-05	2.07E-05
108	5	2.19E-05	2.19E-05
109	5	2.31E-05	2.31E-05
110	5	2.45E-05	2.45E-05
111	5	2.60E-05	2.60E-05
112	5	2.77E-05	2.77E-05
113	5	2.96E-05	2.96E-05
114	5	3.19E-05	3.19E-05
115	5	3.45E-05	3.45E-05
116	5	3.76E-05	3.76E-05
117	5	4.16E-05	4.16E-05
118	5	4.67E-05	4.67E-05
119	5	5.38E-05	5.38E-05
120	5	6.44E-05	6.44E-05
121	5	1.09E-05	1.09E-05
122	5	1.15E-05	1.15E-05
123	5	1.21E-05	1.21E-05

Berkley WTPF
University Mitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
124	5	1.28E-05	1.28E-05
125	5	1.36E-05	1.36E-05
126	5	1.43E-05	1.43E-05
127	5	1.51E-05	1.51E-05
128	5	1.59E-05	1.59E-05
129	5	1.68E-05	1.68E-05
130	5	1.77E-05	1.77E-05
131	5	1.86E-05	1.86E-05
132	5	1.96E-05	1.96E-05
133	5	2.07E-05	2.07E-05
134	5	2.18E-05	2.18E-05
135	5	2.31E-05	2.31E-05
136	5	2.45E-05	2.45E-05
137	5	2.62E-05	2.62E-05
138	5	2.81E-05	2.81E-05
139	5	3.02E-05	3.02E-05
140	5	3.29E-05	3.29E-05
141	5	3.60E-05	3.60E-05
142	5	4.01E-05	4.01E-05
143	5	4.55E-05	4.55E-05
144	5	5.31E-05	5.31E-05
145	5	1.01E-05	1.01E-05
146	5	1.07E-05	1.07E-05
147	5	1.12E-05	1.12E-05
148	5	1.18E-05	1.18E-05
149	5	1.24E-05	1.24E-05
150	5	1.31E-05	1.31E-05
151	5	1.38E-05	1.38E-05
152	5	1.45E-05	1.45E-05
153	5	1.52E-05	1.52E-05
154	5	1.60E-05	1.60E-05

Berkley WTPF
University Mitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
155	5	1.68E-05	1.68E-05
156	5	1.77E-05	1.77E-05
157	5	1.86E-05	1.86E-05
158	5	1.96E-05	1.96E-05
159	5	2.07E-05	2.07E-05
160	5	2.19E-05	2.19E-05
161	5	2.33E-05	2.33E-05
162	5	2.49E-05	2.49E-05
163	5	2.67E-05	2.67E-05
164	5	2.89E-05	2.89E-05
165	5	3.15E-05	3.15E-05
166	5	3.47E-05	3.47E-05
167	5	3.89E-05	3.89E-05
168	5	9.45E-06	9.45E-06
169	5	9.92E-06	9.92E-06
170	5	1.04E-05	1.04E-05
171	5	1.09E-05	1.09E-05
172	5	1.15E-05	1.15E-05
173	5	1.20E-05	1.20E-05
174	5	1.26E-05	1.26E-05
175	5	1.32E-05	1.32E-05
176	5	1.39E-05	1.39E-05
177	5	1.46E-05	1.46E-05
178	5	1.53E-05	1.53E-05
179	5	1.60E-05	1.60E-05
180	5	1.68E-05	1.68E-05
181	5	1.77E-05	1.77E-05
182	5	1.86E-05	1.86E-05
183	5	1.97E-05	1.97E-05
184	5	2.09E-05	2.09E-05
185	5	2.22E-05	2.22E-05

Berkley WTPF
University Mitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
186	5	2.38E-05	2.38E-05
187	5	2.56E-05	2.56E-05
188	5	2.77E-05	2.77E-05
189	5	3.03E-05	3.03E-05
190	5	3.35E-05	3.35E-05
191	5	8.85E-06	8.85E-06
192	5	9.25E-06	9.25E-06
193	5	9.67E-06	9.67E-06
194	5	1.01E-05	1.01E-05
195	5	1.06E-05	1.06E-05
196	5	1.11E-05	1.11E-05
197	5	1.16E-05	1.16E-05
198	5	1.22E-05	1.22E-05
199	5	1.27E-05	1.27E-05
200	5	1.33E-05	1.33E-05
201	5	1.61E-05	1.61E-05
202	5	1.69E-05	1.69E-05
203	5	1.78E-05	1.78E-05
204	5	1.88E-05	1.88E-05
205	5	1.99E-05	1.99E-05
206	5	2.13E-05	2.13E-05
207	5	2.28E-05	2.28E-05
208	5	2.45E-05	2.45E-05
209	5	2.66E-05	2.66E-05
210	5	2.90E-05	2.90E-05
211	5	8.29E-06	8.29E-06
212	5	8.65E-06	8.65E-06
213	5	9.02E-06	9.02E-06
214	5	9.42E-06	9.42E-06
215	5	9.84E-06	9.84E-06
216	5	1.03E-05	1.03E-05

Berkley WTPF
University Mitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
217	5	1.07E-05	1.07E-05
218	5	1.12E-05	1.12E-05
219	5	1.17E-05	1.17E-05
220	5	1.62E-05	1.62E-05
221	5	1.71E-05	1.71E-05
222	5	1.80E-05	1.80E-05
223	5	1.92E-05	1.92E-05
224	5	2.04E-05	2.04E-05
225	5	2.19E-05	2.19E-05
226	5	2.35E-05	2.35E-05
227	5	7.48E-06	7.48E-06
228	5	7.79E-06	7.79E-06
229	5	8.11E-06	8.11E-06
230	5	8.44E-06	8.44E-06
231	5	8.79E-06	8.79E-06
232	5	9.16E-06	9.16E-06
233	5	9.56E-06	9.56E-06
234	5	9.96E-06	9.96E-06
235	5	1.04E-05	1.04E-05
236	5	1.08E-05	1.08E-05
237	5	1.41E-05	1.41E-05
238	5	1.48E-05	1.48E-05
239	5	1.56E-05	1.56E-05
240	5	1.64E-05	1.64E-05
241	5	1.74E-05	1.74E-05
242	5	1.84E-05	1.84E-05
243	5	1.96E-05	1.96E-05
244	5	2.10E-05	2.10E-05
245	5	7.62E-06	7.62E-06
246	5	7.92E-06	7.92E-06
247	5	8.23E-06	8.23E-06

Berkley WTPF
University Mitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
248	5	8.57E-06	8.57E-06
249	5	8.92E-06	8.92E-06
250	5	9.29E-06	9.29E-06
251	5	9.67E-06	9.67E-06
252	5	1.01E-05	1.01E-05
253	5	1.30E-05	1.30E-05
254	5	1.36E-05	1.36E-05
255	5	1.43E-05	1.43E-05
256	5	1.50E-05	1.50E-05
257	5	1.58E-05	1.58E-05
258	5	1.67E-05	1.67E-05
259	5	1.77E-05	1.77E-05
260	5	8.69E-06	8.69E-06
261	5	9.03E-06	9.03E-06
262	5	1.15E-05	1.15E-05
263	5	1.20E-05	1.20E-05
264	5	1.26E-05	1.26E-05
265	5	1.32E-05	1.32E-05
266	5	1.38E-05	1.38E-05
267	5	1.45E-05	1.45E-05
268	5	1.52E-05	1.52E-05
269	5	1.60E-05	1.60E-05
270	5	1.07E-05	1.07E-05
271	5	1.12E-05	1.12E-05
272	5	1.17E-05	1.17E-05
273	5	1.22E-05	1.22E-05
274	5	1.27E-05	1.27E-05
275	5	1.33E-05	1.33E-05
276	5	1.39E-05	1.39E-05
277	5	5.39E-06	5.39E-06
278	5	5.60E-06	5.60E-06

Berkley WTPF
University Mitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
279	5	5.82E-06	5.82E-06
280	5	6.03E-06	6.03E-06
281	5	6.24E-06	6.24E-06
282	5	9.63E-06	9.63E-06
283	5	1.00E-05	1.00E-05
284	5	1.04E-05	1.04E-05
285	5	1.08E-05	1.08E-05
286	5	1.13E-05	1.13E-05
287	5	1.17E-05	1.17E-05
288	5	1.22E-05	1.22E-05
289	5	1.28E-05	1.28E-05
290	5	4.98E-06	4.98E-06
291	5	5.16E-06	5.16E-06
292	5	5.35E-06	5.35E-06
293	5	5.55E-06	5.55E-06
294	5	5.74E-06	5.74E-06
295	5	5.93E-06	5.93E-06
296	5	6.13E-06	6.13E-06
297	5	6.33E-06	6.33E-06
298	5	6.54E-06	6.54E-06
299	5	6.77E-06	6.77E-06
300	5	7.01E-06	7.01E-06
301	5	9.03E-06	9.03E-06
302	5	9.38E-06	9.38E-06
303	5	9.74E-06	9.74E-06
304	5	1.01E-05	1.01E-05
305	5	1.05E-05	1.05E-05
306	5	1.09E-05	1.09E-05
307	5	1.13E-05	1.13E-05
308	5	4.77E-06	4.77E-06
309	5	4.94E-06	4.94E-06

Berkley WTPF
University Mitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
310	5	5.13E-06	5.13E-06
311	5	5.31E-06	5.31E-06
312	5	5.48E-06	5.48E-06
313	5	5.66E-06	5.66E-06
314	5	5.83E-06	5.83E-06
315	5	6.02E-06	6.02E-06
316	5	6.21E-06	6.21E-06
317	5	6.42E-06	6.42E-06
318	5	6.64E-06	6.64E-06
319	5	6.87E-06	6.87E-06
320	5	7.11E-06	7.11E-06
321	5	7.36E-06	7.36E-06
322	5	7.62E-06	7.62E-06
323	5	8.48E-06	8.48E-06
324	5	8.79E-06	8.79E-06
325	5	9.11E-06	9.11E-06
326	5	9.44E-06	9.44E-06
327	5	9.78E-06	9.78E-06
328	5	1.01E-05	1.01E-05
329	5	1.05E-05	1.05E-05
330	5	4.59E-06	4.59E-06
331	5	4.75E-06	4.75E-06
332	5	4.91E-06	4.91E-06
333	5	5.08E-06	5.08E-06
334	5	5.24E-06	5.24E-06
335	5	5.40E-06	5.40E-06
336	5	5.57E-06	5.57E-06
337	5	5.73E-06	5.73E-06
338	5	5.91E-06	5.91E-06
339	5	6.11E-06	6.11E-06
340	5	6.31E-06	6.31E-06

Berkley WTPF
University Mitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
341	5	6.52E-06	6.52E-06
342	5	6.74E-06	6.74E-06
343	5	6.97E-06	6.97E-06
344	5	7.21E-06	7.21E-06
345	5	7.45E-06	7.45E-06
346	5	7.71E-06	7.71E-06
347	5	7.98E-06	7.98E-06
348	5	8.25E-06	8.25E-06
349	5	8.54E-06	8.54E-06
350	5	8.83E-06	8.83E-06
351	5	9.13E-06	9.13E-06
352	5	9.44E-06	9.44E-06
353	5	4.41E-06	4.41E-06
354	5	4.56E-06	4.56E-06
355	5	4.72E-06	4.72E-06
356	5	4.87E-06	4.87E-06
357	5	5.02E-06	5.02E-06
358	5	5.17E-06	5.17E-06
359	5	5.32E-06	5.32E-06
360	5	5.47E-06	5.47E-06
361	5	5.64E-06	5.64E-06
362	5	5.82E-06	5.82E-06
363	5	6.00E-06	6.00E-06
364	5	6.20E-06	6.20E-06
365	5	6.40E-06	6.40E-06
366	5	6.61E-06	6.61E-06
367	5	6.83E-06	6.83E-06
368	5	7.05E-06	7.05E-06
369	5	7.28E-06	7.28E-06
370	5	7.52E-06	7.52E-06
371	5	7.77E-06	7.77E-06

Berkley WTPF
University Mitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
372	5	8.02E-06	8.02E-06
373	5	4.39E-06	4.39E-06
374	5	4.53E-06	4.53E-06
375	5	4.67E-06	4.67E-06
376	5	4.81E-06	4.81E-06
377	5	4.95E-06	4.95E-06
378	5	5.09E-06	5.09E-06
379	5	5.23E-06	5.23E-06
380	5	5.39E-06	5.39E-06
381	5	5.55E-06	5.55E-06
382	5	5.72E-06	5.72E-06
383	5	5.90E-06	5.90E-06
384	5	6.09E-06	6.09E-06
385	5	6.28E-06	6.28E-06
386	5	6.48E-06	6.48E-06
387	5	6.68E-06	6.68E-06
388	5	6.89E-06	6.89E-06
389	5	4.23E-06	4.23E-06
390	5	4.36E-06	4.36E-06
391	5	4.49E-06	4.49E-06
392	5	4.62E-06	4.62E-06
393	5	4.75E-06	4.75E-06
394	5	4.87E-06	4.87E-06
395	5	5.01E-06	5.01E-06
396	5	5.15E-06	5.15E-06
397	5	5.30E-06	5.30E-06
398	5	5.46E-06	5.46E-06
399	5	5.63E-06	5.63E-06
400	5	5.80E-06	5.80E-06
401	5	5.97E-06	5.97E-06
402	5	6.15E-06	6.15E-06

Berkley WTPF
University Mitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
403	5	6.33E-06	6.33E-06
404	5	4.20E-06	4.20E-06
405	5	4.32E-06	4.32E-06
406	5	4.44E-06	4.44E-06
407	5	4.56E-06	4.56E-06
408	5	4.68E-06	4.68E-06
409	5	4.80E-06	4.80E-06
410	5	4.93E-06	4.93E-06
411	5	5.07E-06	5.07E-06
412	5	5.22E-06	5.22E-06
413	5	5.37E-06	5.37E-06
414	5	5.53E-06	5.53E-06
415	5	5.69E-06	5.69E-06
416	5	5.85E-06	5.85E-06
417	5	6.02E-06	6.02E-06
418	5	4.27E-06	4.27E-06
419	5	4.38E-06	4.38E-06
420	5	4.49E-06	4.49E-06
421	5	4.61E-06	4.61E-06
422	5	4.73E-06	4.73E-06
423	5	4.86E-06	4.86E-06
424	5	4.99E-06	4.99E-06
425	5	5.13E-06	5.13E-06
426	5	5.28E-06	5.28E-06
427	5	5.42E-06	5.42E-06
428	5	5.57E-06	5.57E-06
429	5	5.72E-06	5.72E-06
430	5	4.66E-06	4.66E-06
431	5	4.78E-06	4.78E-06
432	5	4.91E-06	4.91E-06
433	5	5.04E-06	5.04E-06

Berkley WTPF
University Mitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
434	5	5.17E-06	5.17E-06
435	5	5.31E-06	5.31E-06

Berkley WTPF
SeaWall Mitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
					Residence					
1	0.96952	6.37E-05	6.2E-05	1.05E-03	6.46E-08	2.27E-01	1.57E-01	2.31E-09	1.0E+06	2.3E-03
2	0.95495	6.37E-05	6.1E-05	1.05E-03	6.36E-08	2.27E-01	1.57E-01	2.27E-09	1.0E+06	2.3E-03
3	0.94726	6.37E-05	6.0E-05	1.05E-03	6.31E-08	2.27E-01	1.57E-01	2.25E-09	1.0E+06	2.3E-03
4	0.94596	6.37E-05	6.0E-05	1.05E-03	6.30E-08	2.27E-01	1.57E-01	2.25E-09	1.0E+06	2.3E-03
5	0.94648	6.37E-05	6.0E-05	1.05E-03	6.30E-08	2.27E-01	1.57E-01	2.25E-09	1.0E+06	2.3E-03
6	0.94493	6.37E-05	6.0E-05	1.05E-03	6.29E-08	2.27E-01	1.57E-01	2.25E-09	1.0E+06	2.2E-03
7	0.93893	6.37E-05	6.0E-05	1.05E-03	6.25E-08	2.27E-01	1.57E-01	2.23E-09	1.0E+06	2.2E-03
8	0.92847	6.37E-05	5.9E-05	1.05E-03	6.18E-08	2.27E-01	1.57E-01	2.21E-09	1.0E+06	2.2E-03
9	0.88559	6.37E-05	5.6E-05	1.05E-03	5.90E-08	2.27E-01	1.57E-01	2.11E-09	1.0E+06	2.1E-03
10	0.87116	6.37E-05	5.6E-05	1.05E-03	5.80E-08	2.27E-01	1.57E-01	2.07E-09	1.0E+06	2.1E-03
11	0.85706	6.37E-05	5.5E-05	1.05E-03	5.71E-08	2.27E-01	1.57E-01	2.04E-09	1.0E+06	2.0E-03
12	0.85132	6.37E-05	5.4E-05	1.05E-03	5.67E-08	2.27E-01	1.57E-01	2.03E-09	1.0E+06	2.0E-03
13	0.85227	6.37E-05	5.4E-05	1.05E-03	5.68E-08	2.27E-01	1.57E-01	2.03E-09	1.0E+06	2.0E-03
14	0.85487	6.37E-05	5.4E-05	1.05E-03	5.69E-08	2.27E-01	1.57E-01	2.03E-09	1.0E+06	2.0E-03
15	0.85528	6.37E-05	5.5E-05	1.05E-03	5.70E-08	2.27E-01	1.57E-01	2.04E-09	1.0E+06	2.0E-03
16	0.85171	6.37E-05	5.4E-05	1.05E-03	5.67E-08	2.27E-01	1.57E-01	2.03E-09	1.0E+06	2.0E-03
17	0.84369	6.37E-05	5.4E-05	1.05E-03	5.62E-08	2.27E-01	1.57E-01	2.01E-09	1.0E+06	2.0E-03
18	0.83126	6.37E-05	5.3E-05	1.05E-03	5.54E-08	2.27E-01	1.57E-01	1.98E-09	1.0E+06	2.0E-03
19	0.8146	6.37E-05	5.2E-05	1.05E-03	5.43E-08	2.27E-01	1.57E-01	1.94E-09	1.0E+06	1.9E-03
20	0.79734	6.37E-05	5.1E-05	1.05E-03	5.31E-08	2.27E-01	1.57E-01	1.90E-09	1.0E+06	1.9E-03
21	0.80224	6.37E-05	5.1E-05	1.05E-03	5.34E-08	2.27E-01	1.57E-01	1.91E-09	1.0E+06	1.9E-03
22	0.78698	6.37E-05	5.0E-05	1.05E-03	5.24E-08	2.27E-01	1.57E-01	1.87E-09	1.0E+06	1.9E-03
23	0.77398	6.37E-05	4.9E-05	1.05E-03	5.16E-08	2.27E-01	1.57E-01	1.84E-09	1.0E+06	1.8E-03
24	0.76972	6.37E-05	4.9E-05	1.05E-03	5.13E-08	2.27E-01	1.57E-01	1.83E-09	1.0E+06	1.8E-03
25	0.77223	6.37E-05	4.9E-05	1.05E-03	5.14E-08	2.27E-01	1.57E-01	1.84E-09	1.0E+06	1.8E-03
26	0.77635	6.37E-05	4.9E-05	1.05E-03	5.17E-08	2.27E-01	1.57E-01	1.85E-09	1.0E+06	1.8E-03
27	0.77803	6.37E-05	5.0E-05	1.05E-03	5.18E-08	2.27E-01	1.57E-01	1.85E-09	1.0E+06	1.9E-03
28	0.7757	6.37E-05	4.9E-05	1.05E-03	5.17E-08	2.27E-01	1.57E-01	1.85E-09	1.0E+06	1.8E-03
29	0.76936	6.37E-05	4.9E-05	1.05E-03	5.12E-08	2.27E-01	1.57E-01	1.83E-09	1.0E+06	1.8E-03
30	0.75952	6.37E-05	4.8E-05	1.05E-03	5.06E-08	2.27E-01	1.57E-01	1.81E-09	1.0E+06	1.8E-03

	Max	Receptor #
Res	0.002	1
Park	0.026	436
Total	0.03	1

Berkley WTPF
SeaWall Mitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
31	0.747	6.37E-05	4.8E-05	1.05E-03	4.98E-08	2.27E-01	1.57E-01	1.78E-09	1.0E+06	1.8E-03
32	0.73282	6.37E-05	4.7E-05	1.05E-03	4.88E-08	2.27E-01	1.57E-01	1.74E-09	1.0E+06	1.7E-03
33	0.71784	6.37E-05	4.6E-05	1.05E-03	4.78E-08	2.27E-01	1.57E-01	1.71E-09	1.0E+06	1.7E-03
34	0.7024	6.37E-05	4.5E-05	1.05E-03	4.68E-08	2.27E-01	1.57E-01	1.67E-09	1.0E+06	1.7E-03
35	0.68645	6.37E-05	4.4E-05	1.05E-03	4.57E-08	2.27E-01	1.57E-01	1.63E-09	1.0E+06	1.6E-03
36	0.66951	6.37E-05	4.3E-05	1.05E-03	4.46E-08	2.27E-01	1.57E-01	1.59E-09	1.0E+06	1.6E-03
37	0.73158	6.37E-05	4.7E-05	1.05E-03	4.87E-08	2.27E-01	1.57E-01	1.74E-09	1.0E+06	1.7E-03
38	0.71481	6.37E-05	4.6E-05	1.05E-03	4.76E-08	2.27E-01	1.57E-01	1.70E-09	1.0E+06	1.7E-03
39	0.70295	6.37E-05	4.5E-05	1.05E-03	4.68E-08	2.27E-01	1.57E-01	1.67E-09	1.0E+06	1.7E-03
40	0.69978	6.37E-05	4.5E-05	1.05E-03	4.66E-08	2.27E-01	1.57E-01	1.67E-09	1.0E+06	1.7E-03
41	0.70325	6.37E-05	4.5E-05	1.05E-03	4.68E-08	2.27E-01	1.57E-01	1.67E-09	1.0E+06	1.7E-03
42	0.70853	6.37E-05	4.5E-05	1.05E-03	4.72E-08	2.27E-01	1.57E-01	1.69E-09	1.0E+06	1.7E-03
43	0.71142	6.37E-05	4.5E-05	1.05E-03	4.74E-08	2.27E-01	1.57E-01	1.69E-09	1.0E+06	1.7E-03
44	0.71023	6.37E-05	4.5E-05	1.05E-03	4.73E-08	2.27E-01	1.57E-01	1.69E-09	1.0E+06	1.7E-03
45	0.70516	6.37E-05	4.5E-05	1.05E-03	4.70E-08	2.27E-01	1.57E-01	1.68E-09	1.0E+06	1.7E-03
46	0.69699	6.37E-05	4.4E-05	1.05E-03	4.64E-08	2.27E-01	1.57E-01	1.66E-09	1.0E+06	1.7E-03
47	0.68651	6.37E-05	4.4E-05	1.05E-03	4.57E-08	2.27E-01	1.57E-01	1.63E-09	1.0E+06	1.6E-03
48	0.67459	6.37E-05	4.3E-05	1.05E-03	4.49E-08	2.27E-01	1.57E-01	1.61E-09	1.0E+06	1.6E-03
49	0.66197	6.37E-05	4.2E-05	1.05E-03	4.41E-08	2.27E-01	1.57E-01	1.58E-09	1.0E+06	1.6E-03
50	0.64897	6.37E-05	4.1E-05	1.05E-03	4.32E-08	2.27E-01	1.57E-01	1.54E-09	1.0E+06	1.5E-03
51	0.63542	6.37E-05	4.0E-05	1.05E-03	4.23E-08	2.27E-01	1.57E-01	1.51E-09	1.0E+06	1.5E-03
52	0.62104	6.37E-05	4.0E-05	1.05E-03	4.14E-08	2.27E-01	1.57E-01	1.48E-09	1.0E+06	1.5E-03
53	0.60585	6.37E-05	3.9E-05	1.05E-03	4.04E-08	2.27E-01	1.57E-01	1.44E-09	1.0E+06	1.4E-03
54	0.59082	6.37E-05	3.8E-05	1.05E-03	3.94E-08	2.27E-01	1.57E-01	1.41E-09	1.0E+06	1.4E-03
55	0.576	6.37E-05	3.7E-05	1.05E-03	3.84E-08	2.27E-01	1.57E-01	1.37E-09	1.0E+06	1.4E-03
56	0.6842	6.37E-05	4.4E-05	1.05E-03	4.56E-08	2.27E-01	1.57E-01	1.63E-09	1.0E+06	1.6E-03
57	0.66898	6.37E-05	4.3E-05	1.05E-03	4.46E-08	2.27E-01	1.57E-01	1.59E-09	1.0E+06	1.6E-03
58	0.65239	6.37E-05	4.2E-05	1.05E-03	4.35E-08	2.27E-01	1.57E-01	1.55E-09	1.0E+06	1.6E-03
59	0.64169	6.37E-05	4.1E-05	1.05E-03	4.27E-08	2.27E-01	1.57E-01	1.53E-09	1.0E+06	1.5E-03
60	0.63938	6.37E-05	4.1E-05	1.05E-03	4.26E-08	2.27E-01	1.57E-01	1.52E-09	1.0E+06	1.5E-03
61	0.6434	6.37E-05	4.1E-05	1.05E-03	4.29E-08	2.27E-01	1.57E-01	1.53E-09	1.0E+06	1.5E-03

Berkley WTPF
SeaWall Mitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
62	0.64942	6.37E-05	4.1E-05	1.05E-03	4.33E-08	2.27E-01	1.57E-01	1.55E-09	1.0E+06	1.5E-03
63	0.65338	6.37E-05	4.2E-05	1.05E-03	4.35E-08	2.27E-01	1.57E-01	1.56E-09	1.0E+06	1.6E-03
64	0.6533	6.37E-05	4.2E-05	1.05E-03	4.35E-08	2.27E-01	1.57E-01	1.56E-09	1.0E+06	1.6E-03
65	0.64933	6.37E-05	4.1E-05	1.05E-03	4.33E-08	2.27E-01	1.57E-01	1.55E-09	1.0E+06	1.5E-03
66	0.64243	6.37E-05	4.1E-05	1.05E-03	4.28E-08	2.27E-01	1.57E-01	1.53E-09	1.0E+06	1.5E-03
67	0.6335	6.37E-05	4.0E-05	1.05E-03	4.22E-08	2.27E-01	1.57E-01	1.51E-09	1.0E+06	1.5E-03
68	0.62331	6.37E-05	4.0E-05	1.05E-03	4.15E-08	2.27E-01	1.57E-01	1.48E-09	1.0E+06	1.5E-03
69	0.61253	6.37E-05	3.9E-05	1.05E-03	4.08E-08	2.27E-01	1.57E-01	1.46E-09	1.0E+06	1.5E-03
70	0.60147	6.37E-05	3.8E-05	1.05E-03	4.01E-08	2.27E-01	1.57E-01	1.43E-09	1.0E+06	1.4E-03
71	0.58998	6.37E-05	3.8E-05	1.05E-03	3.93E-08	2.27E-01	1.57E-01	1.40E-09	1.0E+06	1.4E-03
72	0.57772	6.37E-05	3.7E-05	1.05E-03	3.85E-08	2.27E-01	1.57E-01	1.38E-09	1.0E+06	1.4E-03
73	0.56464	6.37E-05	3.6E-05	1.05E-03	3.76E-08	2.27E-01	1.57E-01	1.34E-09	1.0E+06	1.3E-03
74	0.55106	6.37E-05	3.5E-05	1.05E-03	3.67E-08	2.27E-01	1.57E-01	1.31E-09	1.0E+06	1.3E-03
75	0.53743	6.37E-05	3.4E-05	1.05E-03	3.58E-08	2.27E-01	1.57E-01	1.28E-09	1.0E+06	1.3E-03
76	0.63008	6.37E-05	4.0E-05	1.05E-03	4.20E-08	2.27E-01	1.57E-01	1.50E-09	1.0E+06	1.5E-03
77	0.61398	6.37E-05	3.9E-05	1.05E-03	4.09E-08	2.27E-01	1.57E-01	1.46E-09	1.0E+06	1.5E-03
78	0.59802	6.37E-05	3.8E-05	1.05E-03	3.98E-08	2.27E-01	1.57E-01	1.42E-09	1.0E+06	1.4E-03
79	0.58846	6.37E-05	3.8E-05	1.05E-03	3.92E-08	2.27E-01	1.57E-01	1.40E-09	1.0E+06	1.4E-03
80	0.58686	6.37E-05	3.7E-05	1.05E-03	3.91E-08	2.27E-01	1.57E-01	1.40E-09	1.0E+06	1.4E-03
81	0.59116	6.37E-05	3.8E-05	1.05E-03	3.94E-08	2.27E-01	1.57E-01	1.41E-09	1.0E+06	1.4E-03
82	0.59758	6.37E-05	3.8E-05	1.05E-03	3.98E-08	2.27E-01	1.57E-01	1.42E-09	1.0E+06	1.4E-03
83	0.60237	6.37E-05	3.8E-05	1.05E-03	4.01E-08	2.27E-01	1.57E-01	1.43E-09	1.0E+06	1.4E-03
84	0.60335	6.37E-05	3.8E-05	1.05E-03	4.02E-08	2.27E-01	1.57E-01	1.44E-09	1.0E+06	1.4E-03
85	0.60041	6.37E-05	3.8E-05	1.05E-03	4.00E-08	2.27E-01	1.57E-01	1.43E-09	1.0E+06	1.4E-03
86	0.59455	6.37E-05	3.8E-05	1.05E-03	3.96E-08	2.27E-01	1.57E-01	1.42E-09	1.0E+06	1.4E-03
87	0.58681	6.37E-05	3.7E-05	1.05E-03	3.91E-08	2.27E-01	1.57E-01	1.40E-09	1.0E+06	1.4E-03
88	0.57798	6.37E-05	3.7E-05	1.05E-03	3.85E-08	2.27E-01	1.57E-01	1.38E-09	1.0E+06	1.4E-03
89	0.56866	6.37E-05	3.6E-05	1.05E-03	3.79E-08	2.27E-01	1.57E-01	1.35E-09	1.0E+06	1.4E-03
90	0.55916	6.37E-05	3.6E-05	1.05E-03	3.72E-08	2.27E-01	1.57E-01	1.33E-09	1.0E+06	1.3E-03
91	0.54935	6.37E-05	3.5E-05	1.05E-03	3.66E-08	2.27E-01	1.57E-01	1.31E-09	1.0E+06	1.3E-03
92	0.53888	6.37E-05	3.4E-05	1.05E-03	3.59E-08	2.27E-01	1.57E-01	1.28E-09	1.0E+06	1.3E-03

Berkley WTPF
SeaWall Mitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
93	0.52752	6.37E-05	3.4E-05	1.05E-03	3.51E-08	2.27E-01	1.57E-01	1.26E-09	1.0E+06	1.3E-03
94	0.5154	6.37E-05	3.3E-05	1.05E-03	3.43E-08	2.27E-01	1.57E-01	1.23E-09	1.0E+06	1.2E-03
95	0.503	6.37E-05	3.2E-05	1.05E-03	3.35E-08	2.27E-01	1.57E-01	1.20E-09	1.0E+06	1.2E-03
96	0.49099	6.37E-05	3.1E-05	1.05E-03	3.27E-08	2.27E-01	1.57E-01	1.17E-09	1.0E+06	1.2E-03
97	0.48008	6.37E-05	3.1E-05	1.05E-03	3.20E-08	2.27E-01	1.57E-01	1.14E-09	1.0E+06	1.1E-03
98	0.58208	6.37E-05	3.7E-05	1.05E-03	3.88E-08	2.27E-01	1.57E-01	1.39E-09	1.0E+06	1.4E-03
99	0.56554	6.37E-05	3.6E-05	1.05E-03	3.77E-08	2.27E-01	1.57E-01	1.35E-09	1.0E+06	1.3E-03
100	0.55038	6.37E-05	3.5E-05	1.05E-03	3.67E-08	2.27E-01	1.57E-01	1.31E-09	1.0E+06	1.3E-03
101	0.54189	6.37E-05	3.5E-05	1.05E-03	3.61E-08	2.27E-01	1.57E-01	1.29E-09	1.0E+06	1.3E-03
102	0.5409	6.37E-05	3.4E-05	1.05E-03	3.60E-08	2.27E-01	1.57E-01	1.29E-09	1.0E+06	1.3E-03
103	0.54532	6.37E-05	3.5E-05	1.05E-03	3.63E-08	2.27E-01	1.57E-01	1.30E-09	1.0E+06	1.3E-03
104	0.55189	6.37E-05	3.5E-05	1.05E-03	3.68E-08	2.27E-01	1.57E-01	1.31E-09	1.0E+06	1.3E-03
105	0.55724	6.37E-05	3.6E-05	1.05E-03	3.71E-08	2.27E-01	1.57E-01	1.33E-09	1.0E+06	1.3E-03
106	0.55915	6.37E-05	3.6E-05	1.05E-03	3.72E-08	2.27E-01	1.57E-01	1.33E-09	1.0E+06	1.3E-03
107	0.55722	6.37E-05	3.6E-05	1.05E-03	3.71E-08	2.27E-01	1.57E-01	1.33E-09	1.0E+06	1.3E-03
108	0.5523	6.37E-05	3.5E-05	1.05E-03	3.68E-08	2.27E-01	1.57E-01	1.31E-09	1.0E+06	1.3E-03
109	0.54551	6.37E-05	3.5E-05	1.05E-03	3.63E-08	2.27E-01	1.57E-01	1.30E-09	1.0E+06	1.3E-03
110	0.53773	6.37E-05	3.4E-05	1.05E-03	3.58E-08	2.27E-01	1.57E-01	1.28E-09	1.0E+06	1.3E-03
111	0.52958	6.37E-05	3.4E-05	1.05E-03	3.53E-08	2.27E-01	1.57E-01	1.26E-09	1.0E+06	1.3E-03
112	0.52134	6.37E-05	3.3E-05	1.05E-03	3.47E-08	2.27E-01	1.57E-01	1.24E-09	1.0E+06	1.2E-03
113	0.51292	6.37E-05	3.3E-05	1.05E-03	3.42E-08	2.27E-01	1.57E-01	1.22E-09	1.0E+06	1.2E-03
114	0.50396	6.37E-05	3.2E-05	1.05E-03	3.36E-08	2.27E-01	1.57E-01	1.20E-09	1.0E+06	1.2E-03
115	0.49415	6.37E-05	3.1E-05	1.05E-03	3.29E-08	2.27E-01	1.57E-01	1.18E-09	1.0E+06	1.2E-03
116	0.48345	6.37E-05	3.1E-05	1.05E-03	3.22E-08	2.27E-01	1.57E-01	1.15E-09	1.0E+06	1.2E-03
117	0.47219	6.37E-05	3.0E-05	1.05E-03	3.15E-08	2.27E-01	1.57E-01	1.12E-09	1.0E+06	1.1E-03
118	0.46091	6.37E-05	2.9E-05	1.05E-03	3.07E-08	2.27E-01	1.57E-01	1.10E-09	1.0E+06	1.1E-03
119	0.45027	6.37E-05	2.9E-05	1.05E-03	3.00E-08	2.27E-01	1.57E-01	1.07E-09	1.0E+06	1.1E-03
120	0.44077	6.37E-05	2.8E-05	1.05E-03	2.94E-08	2.27E-01	1.57E-01	1.05E-09	1.0E+06	1.0E-03
121	0.55101	6.37E-05	3.5E-05	1.05E-03	3.67E-08	2.27E-01	1.57E-01	1.31E-09	1.0E+06	1.3E-03
122	0.53929	6.37E-05	3.4E-05	1.05E-03	3.59E-08	2.27E-01	1.57E-01	1.28E-09	1.0E+06	1.3E-03
123	0.52267	6.37E-05	3.3E-05	1.05E-03	3.48E-08	2.27E-01	1.57E-01	1.24E-09	1.0E+06	1.2E-03

Berkley WTPF
SeaWall Mitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
124	0.5084	6.37E-05	3.2E-05	1.05E-03	3.39E-08	2.27E-01	1.57E-01	1.21E-09	1.0E+06	1.2E-03
125	0.50089	6.37E-05	3.2E-05	1.05E-03	3.34E-08	2.27E-01	1.57E-01	1.19E-09	1.0E+06	1.2E-03
126	0.50041	6.37E-05	3.2E-05	1.05E-03	3.33E-08	2.27E-01	1.57E-01	1.19E-09	1.0E+06	1.2E-03
127	0.50489	6.37E-05	3.2E-05	1.05E-03	3.36E-08	2.27E-01	1.57E-01	1.20E-09	1.0E+06	1.2E-03
128	0.51144	6.37E-05	3.3E-05	1.05E-03	3.41E-08	2.27E-01	1.57E-01	1.22E-09	1.0E+06	1.2E-03
129	0.51712	6.37E-05	3.3E-05	1.05E-03	3.44E-08	2.27E-01	1.57E-01	1.23E-09	1.0E+06	1.2E-03
130	0.51979	6.37E-05	3.3E-05	1.05E-03	3.46E-08	2.27E-01	1.57E-01	1.24E-09	1.0E+06	1.2E-03
131	0.5188	6.37E-05	3.3E-05	1.05E-03	3.46E-08	2.27E-01	1.57E-01	1.23E-09	1.0E+06	1.2E-03
132	0.51477	6.37E-05	3.3E-05	1.05E-03	3.43E-08	2.27E-01	1.57E-01	1.23E-09	1.0E+06	1.2E-03
133	0.5088	6.37E-05	3.2E-05	1.05E-03	3.39E-08	2.27E-01	1.57E-01	1.21E-09	1.0E+06	1.2E-03
134	0.50186	6.37E-05	3.2E-05	1.05E-03	3.34E-08	2.27E-01	1.57E-01	1.19E-09	1.0E+06	1.2E-03
135	0.49462	6.37E-05	3.2E-05	1.05E-03	3.29E-08	2.27E-01	1.57E-01	1.18E-09	1.0E+06	1.2E-03
136	0.48742	6.37E-05	3.1E-05	1.05E-03	3.25E-08	2.27E-01	1.57E-01	1.16E-09	1.0E+06	1.2E-03
137	0.48016	6.37E-05	3.1E-05	1.05E-03	3.20E-08	2.27E-01	1.57E-01	1.14E-09	1.0E+06	1.1E-03
138	0.47249	6.37E-05	3.0E-05	1.05E-03	3.15E-08	2.27E-01	1.57E-01	1.12E-09	1.0E+06	1.1E-03
139	0.46403	6.37E-05	3.0E-05	1.05E-03	3.09E-08	2.27E-01	1.57E-01	1.10E-09	1.0E+06	1.1E-03
140	0.45465	6.37E-05	2.9E-05	1.05E-03	3.03E-08	2.27E-01	1.57E-01	1.08E-09	1.0E+06	1.1E-03
141	0.44453	6.37E-05	2.8E-05	1.05E-03	2.96E-08	2.27E-01	1.57E-01	1.06E-09	1.0E+06	1.1E-03
142	0.43408	6.37E-05	2.8E-05	1.05E-03	2.89E-08	2.27E-01	1.57E-01	1.03E-09	1.0E+06	1.0E-03
143	0.42387	6.37E-05	2.7E-05	1.05E-03	2.82E-08	2.27E-01	1.57E-01	1.01E-09	1.0E+06	1.0E-03
144	0.41419	6.37E-05	2.6E-05	1.05E-03	2.76E-08	2.27E-01	1.57E-01	9.86E-10	1.0E+06	9.9E-04
145	0.51383	6.37E-05	3.3E-05	1.05E-03	3.42E-08	2.27E-01	1.57E-01	1.22E-09	1.0E+06	1.2E-03
146	0.50097	6.37E-05	3.2E-05	1.05E-03	3.34E-08	2.27E-01	1.57E-01	1.19E-09	1.0E+06	1.2E-03
147	0.48456	6.37E-05	3.1E-05	1.05E-03	3.23E-08	2.27E-01	1.57E-01	1.15E-09	1.0E+06	1.2E-03
148	0.47122	6.37E-05	3.0E-05	1.05E-03	3.14E-08	2.27E-01	1.57E-01	1.12E-09	1.0E+06	1.1E-03
149	0.46459	6.37E-05	3.0E-05	1.05E-03	3.09E-08	2.27E-01	1.57E-01	1.11E-09	1.0E+06	1.1E-03
150	0.46455	6.37E-05	3.0E-05	1.05E-03	3.09E-08	2.27E-01	1.57E-01	1.11E-09	1.0E+06	1.1E-03
151	0.46903	6.37E-05	3.0E-05	1.05E-03	3.12E-08	2.27E-01	1.57E-01	1.12E-09	1.0E+06	1.1E-03
152	0.47548	6.37E-05	3.0E-05	1.05E-03	3.17E-08	2.27E-01	1.57E-01	1.13E-09	1.0E+06	1.1E-03
153	0.48131	6.37E-05	3.1E-05	1.05E-03	3.21E-08	2.27E-01	1.57E-01	1.15E-09	1.0E+06	1.1E-03
154	0.48455	6.37E-05	3.1E-05	1.05E-03	3.23E-08	2.27E-01	1.57E-01	1.15E-09	1.0E+06	1.2E-03

Berkley WTPF
SeaWall Mitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
155	0.4844	6.37E-05	3.1E-05	1.05E-03	3.23E-08	2.27E-01	1.57E-01	1.15E-09	1.0E+06	1.2E-03
156	0.48124	6.37E-05	3.1E-05	1.05E-03	3.21E-08	2.27E-01	1.57E-01	1.15E-09	1.0E+06	1.1E-03
157	0.47603	6.37E-05	3.0E-05	1.05E-03	3.17E-08	2.27E-01	1.57E-01	1.13E-09	1.0E+06	1.1E-03
158	0.46977	6.37E-05	3.0E-05	1.05E-03	3.13E-08	2.27E-01	1.57E-01	1.12E-09	1.0E+06	1.1E-03
159	0.46324	6.37E-05	3.0E-05	1.05E-03	3.09E-08	2.27E-01	1.57E-01	1.10E-09	1.0E+06	1.1E-03
160	0.45684	6.37E-05	2.9E-05	1.05E-03	3.04E-08	2.27E-01	1.57E-01	1.09E-09	1.0E+06	1.1E-03
161	0.45056	6.37E-05	2.9E-05	1.05E-03	3.00E-08	2.27E-01	1.57E-01	1.07E-09	1.0E+06	1.1E-03
162	0.44401	6.37E-05	2.8E-05	1.05E-03	2.96E-08	2.27E-01	1.57E-01	1.06E-09	1.0E+06	1.1E-03
163	0.43676	6.37E-05	2.8E-05	1.05E-03	2.91E-08	2.27E-01	1.57E-01	1.04E-09	1.0E+06	1.0E-03
164	0.42858	6.37E-05	2.7E-05	1.05E-03	2.85E-08	2.27E-01	1.57E-01	1.02E-09	1.0E+06	1.0E-03
165	0.41955	6.37E-05	2.7E-05	1.05E-03	2.79E-08	2.27E-01	1.57E-01	9.99E-10	1.0E+06	1.0E-03
166	0.40997	6.37E-05	2.6E-05	1.05E-03	2.73E-08	2.27E-01	1.57E-01	9.76E-10	1.0E+06	9.8E-04
167	0.4003	6.37E-05	2.6E-05	1.05E-03	2.67E-08	2.27E-01	1.57E-01	9.53E-10	1.0E+06	9.5E-04
168	0.48015	6.37E-05	3.1E-05	1.05E-03	3.20E-08	2.27E-01	1.57E-01	1.14E-09	1.0E+06	1.1E-03
169	0.46653	6.37E-05	3.0E-05	1.05E-03	3.11E-08	2.27E-01	1.57E-01	1.11E-09	1.0E+06	1.1E-03
170	0.45053	6.37E-05	2.9E-05	1.05E-03	3.00E-08	2.27E-01	1.57E-01	1.07E-09	1.0E+06	1.1E-03
171	0.43812	6.37E-05	2.8E-05	1.05E-03	2.92E-08	2.27E-01	1.57E-01	1.04E-09	1.0E+06	1.0E-03
172	0.4323	6.37E-05	2.8E-05	1.05E-03	2.88E-08	2.27E-01	1.57E-01	1.03E-09	1.0E+06	1.0E-03
173	0.43261	6.37E-05	2.8E-05	1.05E-03	2.88E-08	2.27E-01	1.57E-01	1.03E-09	1.0E+06	1.0E-03
174	0.43707	6.37E-05	2.8E-05	1.05E-03	2.91E-08	2.27E-01	1.57E-01	1.04E-09	1.0E+06	1.0E-03
175	0.44337	6.37E-05	2.8E-05	1.05E-03	2.95E-08	2.27E-01	1.57E-01	1.06E-09	1.0E+06	1.1E-03
176	0.44924	6.37E-05	2.9E-05	1.05E-03	2.99E-08	2.27E-01	1.57E-01	1.07E-09	1.0E+06	1.1E-03
177	0.45287	6.37E-05	2.9E-05	1.05E-03	3.02E-08	2.27E-01	1.57E-01	1.08E-09	1.0E+06	1.1E-03
178	0.45343	6.37E-05	2.9E-05	1.05E-03	3.02E-08	2.27E-01	1.57E-01	1.08E-09	1.0E+06	1.1E-03
179	0.45108	6.37E-05	2.9E-05	1.05E-03	3.00E-08	2.27E-01	1.57E-01	1.07E-09	1.0E+06	1.1E-03
180	0.44661	6.37E-05	2.8E-05	1.05E-03	2.97E-08	2.27E-01	1.57E-01	1.06E-09	1.0E+06	1.1E-03
181	0.44097	6.37E-05	2.8E-05	1.05E-03	2.94E-08	2.27E-01	1.57E-01	1.05E-09	1.0E+06	1.0E-03
182	0.43499	6.37E-05	2.8E-05	1.05E-03	2.90E-08	2.27E-01	1.57E-01	1.04E-09	1.0E+06	1.0E-03
183	0.4292	6.37E-05	2.7E-05	1.05E-03	2.86E-08	2.27E-01	1.57E-01	1.02E-09	1.0E+06	1.0E-03
184	0.42369	6.37E-05	2.7E-05	1.05E-03	2.82E-08	2.27E-01	1.57E-01	1.01E-09	1.0E+06	1.0E-03
185	0.41811	6.37E-05	2.7E-05	1.05E-03	2.79E-08	2.27E-01	1.57E-01	9.95E-10	1.0E+06	1.0E-03

Berkley WTPF
SeaWall Mitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
186	0.41196	6.37E-05	2.6E-05	1.05E-03	2.74E-08	2.27E-01	1.57E-01	9.81E-10	1.0E+06	9.8E-04
187	0.4049	6.37E-05	2.6E-05	1.05E-03	2.70E-08	2.27E-01	1.57E-01	9.64E-10	1.0E+06	9.6E-04
188	0.39689	6.37E-05	2.5E-05	1.05E-03	2.64E-08	2.27E-01	1.57E-01	9.45E-10	1.0E+06	9.4E-04
189	0.38818	6.37E-05	2.5E-05	1.05E-03	2.59E-08	2.27E-01	1.57E-01	9.24E-10	1.0E+06	9.2E-04
190	0.37818	6.37E-05	2.4E-05	1.05E-03	2.52E-08	2.27E-01	1.57E-01	9.00E-10	1.0E+06	9.0E-04
191	0.45029	6.37E-05	2.9E-05	1.05E-03	3.00E-08	2.27E-01	1.57E-01	1.07E-09	1.0E+06	1.1E-03
192	0.43561	6.37E-05	2.8E-05	1.05E-03	2.90E-08	2.27E-01	1.57E-01	1.04E-09	1.0E+06	1.0E-03
193	0.42004	6.37E-05	2.7E-05	1.05E-03	2.80E-08	2.27E-01	1.57E-01	1.00E-09	1.0E+06	1.0E-03
194	0.40855	6.37E-05	2.6E-05	1.05E-03	2.72E-08	2.27E-01	1.57E-01	9.72E-10	1.0E+06	9.7E-04
195	0.40342	6.37E-05	2.6E-05	1.05E-03	2.69E-08	2.27E-01	1.57E-01	9.60E-10	1.0E+06	9.6E-04
196	0.40403	6.37E-05	2.6E-05	1.05E-03	2.69E-08	2.27E-01	1.57E-01	9.62E-10	1.0E+06	9.6E-04
197	0.40845	6.37E-05	2.6E-05	1.05E-03	2.72E-08	2.27E-01	1.57E-01	9.72E-10	1.0E+06	9.7E-04
198	0.41458	6.37E-05	2.6E-05	1.05E-03	2.76E-08	2.27E-01	1.57E-01	9.87E-10	1.0E+06	9.9E-04
199	0.42042	6.37E-05	2.7E-05	1.05E-03	2.80E-08	2.27E-01	1.57E-01	1.00E-09	1.0E+06	1.0E-03
200	0.42432	6.37E-05	2.7E-05	1.05E-03	2.83E-08	2.27E-01	1.57E-01	1.01E-09	1.0E+06	1.0E-03
201	0.415	6.37E-05	2.6E-05	1.05E-03	2.76E-08	2.27E-01	1.57E-01	9.88E-10	1.0E+06	9.9E-04
202	0.40949	6.37E-05	2.6E-05	1.05E-03	2.73E-08	2.27E-01	1.57E-01	9.75E-10	1.0E+06	9.7E-04
203	0.40416	6.37E-05	2.6E-05	1.05E-03	2.69E-08	2.27E-01	1.57E-01	9.62E-10	1.0E+06	9.6E-04
204	0.39923	6.37E-05	2.5E-05	1.05E-03	2.66E-08	2.27E-01	1.57E-01	9.50E-10	1.0E+06	9.5E-04
205	0.39444	6.37E-05	2.5E-05	1.05E-03	2.63E-08	2.27E-01	1.57E-01	9.39E-10	1.0E+06	9.4E-04
206	0.38928	6.37E-05	2.5E-05	1.05E-03	2.59E-08	2.27E-01	1.57E-01	9.27E-10	1.0E+06	9.3E-04
207	0.38327	6.37E-05	2.4E-05	1.05E-03	2.55E-08	2.27E-01	1.57E-01	9.12E-10	1.0E+06	9.1E-04
208	0.37627	6.37E-05	2.4E-05	1.05E-03	2.51E-08	2.27E-01	1.57E-01	8.96E-10	1.0E+06	9.0E-04
209	0.36841	6.37E-05	2.3E-05	1.05E-03	2.45E-08	2.27E-01	1.57E-01	8.77E-10	1.0E+06	8.8E-04
210	0.35843	6.37E-05	2.3E-05	1.05E-03	2.39E-08	2.27E-01	1.57E-01	8.53E-10	1.0E+06	8.5E-04
211	0.42283	6.37E-05	2.7E-05	1.05E-03	2.82E-08	2.27E-01	1.57E-01	1.01E-09	1.0E+06	1.0E-03
212	0.40761	6.37E-05	2.6E-05	1.05E-03	2.72E-08	2.27E-01	1.57E-01	9.70E-10	1.0E+06	9.7E-04
213	0.39261	6.37E-05	2.5E-05	1.05E-03	2.62E-08	2.27E-01	1.57E-01	9.35E-10	1.0E+06	9.3E-04
214	0.38202	6.37E-05	2.4E-05	1.05E-03	2.54E-08	2.27E-01	1.57E-01	9.09E-10	1.0E+06	9.1E-04
215	0.3775	6.37E-05	2.4E-05	1.05E-03	2.51E-08	2.27E-01	1.57E-01	8.99E-10	1.0E+06	9.0E-04
216	0.37834	6.37E-05	2.4E-05	1.05E-03	2.52E-08	2.27E-01	1.57E-01	9.01E-10	1.0E+06	9.0E-04

Berkley WTPF
SeaWall Mitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
217	0.38271	6.37E-05	2.4E-05	1.05E-03	2.55E-08	2.27E-01	1.57E-01	9.11E-10	1.0E+06	9.1E-04
218	0.38867	6.37E-05	2.5E-05	1.05E-03	2.59E-08	2.27E-01	1.57E-01	9.25E-10	1.0E+06	9.3E-04
219	0.39442	6.37E-05	2.5E-05	1.05E-03	2.63E-08	2.27E-01	1.57E-01	9.39E-10	1.0E+06	9.4E-04
220	0.38144	6.37E-05	2.4E-05	1.05E-03	2.54E-08	2.27E-01	1.57E-01	9.08E-10	1.0E+06	9.1E-04
221	0.37692	6.37E-05	2.4E-05	1.05E-03	2.51E-08	2.27E-01	1.57E-01	8.97E-10	1.0E+06	9.0E-04
222	0.37274	6.37E-05	2.4E-05	1.05E-03	2.48E-08	2.27E-01	1.57E-01	8.87E-10	1.0E+06	8.9E-04
223	0.36841	6.37E-05	2.3E-05	1.05E-03	2.45E-08	2.27E-01	1.57E-01	8.77E-10	1.0E+06	8.8E-04
224	0.36339	6.37E-05	2.3E-05	1.05E-03	2.42E-08	2.27E-01	1.57E-01	8.65E-10	1.0E+06	8.6E-04
225	0.35737	6.37E-05	2.3E-05	1.05E-03	2.38E-08	2.27E-01	1.57E-01	8.51E-10	1.0E+06	8.5E-04
226	0.35037	6.37E-05	2.2E-05	1.05E-03	2.33E-08	2.27E-01	1.57E-01	8.34E-10	1.0E+06	8.3E-04
227	0.40824	6.37E-05	2.6E-05	1.05E-03	2.72E-08	2.27E-01	1.57E-01	9.72E-10	1.0E+06	9.7E-04
228	0.39721	6.37E-05	2.5E-05	1.05E-03	2.65E-08	2.27E-01	1.57E-01	9.45E-10	1.0E+06	9.5E-04
229	0.3821	6.37E-05	2.4E-05	1.05E-03	2.55E-08	2.27E-01	1.57E-01	9.10E-10	1.0E+06	9.1E-04
230	0.36787	6.37E-05	2.3E-05	1.05E-03	2.45E-08	2.27E-01	1.57E-01	8.76E-10	1.0E+06	8.8E-04
231	0.35812	6.37E-05	2.3E-05	1.05E-03	2.39E-08	2.27E-01	1.57E-01	8.52E-10	1.0E+06	8.5E-04
232	0.35415	6.37E-05	2.3E-05	1.05E-03	2.36E-08	2.27E-01	1.57E-01	8.43E-10	1.0E+06	8.4E-04
233	0.35517	6.37E-05	2.3E-05	1.05E-03	2.37E-08	2.27E-01	1.57E-01	8.45E-10	1.0E+06	8.5E-04
234	0.35947	6.37E-05	2.3E-05	1.05E-03	2.39E-08	2.27E-01	1.57E-01	8.56E-10	1.0E+06	8.6E-04
235	0.36525	6.37E-05	2.3E-05	1.05E-03	2.43E-08	2.27E-01	1.57E-01	8.69E-10	1.0E+06	8.7E-04
236	0.3709	6.37E-05	2.4E-05	1.05E-03	2.47E-08	2.27E-01	1.57E-01	8.83E-10	1.0E+06	8.8E-04
237	0.36545	6.37E-05	2.3E-05	1.05E-03	2.43E-08	2.27E-01	1.57E-01	8.70E-10	1.0E+06	8.7E-04
238	0.36078	6.37E-05	2.3E-05	1.05E-03	2.40E-08	2.27E-01	1.57E-01	8.59E-10	1.0E+06	8.6E-04
239	0.35655	6.37E-05	2.3E-05	1.05E-03	2.38E-08	2.27E-01	1.57E-01	8.49E-10	1.0E+06	8.5E-04
240	0.3528	6.37E-05	2.2E-05	1.05E-03	2.35E-08	2.27E-01	1.57E-01	8.40E-10	1.0E+06	8.4E-04
241	0.34914	6.37E-05	2.2E-05	1.05E-03	2.33E-08	2.27E-01	1.57E-01	8.31E-10	1.0E+06	8.3E-04
242	0.345	6.37E-05	2.2E-05	1.05E-03	2.30E-08	2.27E-01	1.57E-01	8.21E-10	1.0E+06	8.2E-04
243	0.33985	6.37E-05	2.2E-05	1.05E-03	2.26E-08	2.27E-01	1.57E-01	8.09E-10	1.0E+06	8.1E-04
244	0.33334	6.37E-05	2.1E-05	1.05E-03	2.22E-08	2.27E-01	1.57E-01	7.93E-10	1.0E+06	7.9E-04
245	0.3589	6.37E-05	2.3E-05	1.05E-03	2.39E-08	2.27E-01	1.57E-01	8.54E-10	1.0E+06	8.5E-04
246	0.34547	6.37E-05	2.2E-05	1.05E-03	2.30E-08	2.27E-01	1.57E-01	8.22E-10	1.0E+06	8.2E-04
247	0.33652	6.37E-05	2.1E-05	1.05E-03	2.24E-08	2.27E-01	1.57E-01	8.01E-10	1.0E+06	8.0E-04

Berkley WTPF
SeaWall Mitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
248	0.33302	6.37E-05	2.1E-05	1.05E-03	2.22E-08	2.27E-01	1.57E-01	7.93E-10	1.0E+06	7.9E-04
249	0.33417	6.37E-05	2.1E-05	1.05E-03	2.23E-08	2.27E-01	1.57E-01	7.95E-10	1.0E+06	8.0E-04
250	0.33839	6.37E-05	2.2E-05	1.05E-03	2.25E-08	2.27E-01	1.57E-01	8.05E-10	1.0E+06	8.1E-04
251	0.34401	6.37E-05	2.2E-05	1.05E-03	2.29E-08	2.27E-01	1.57E-01	8.19E-10	1.0E+06	8.2E-04
252	0.34954	6.37E-05	2.2E-05	1.05E-03	2.33E-08	2.27E-01	1.57E-01	8.32E-10	1.0E+06	8.3E-04
253	0.34633	6.37E-05	2.2E-05	1.05E-03	2.31E-08	2.27E-01	1.57E-01	8.24E-10	1.0E+06	8.2E-04
254	0.34194	6.37E-05	2.2E-05	1.05E-03	2.28E-08	2.27E-01	1.57E-01	8.14E-10	1.0E+06	8.1E-04
255	0.33793	6.37E-05	2.2E-05	1.05E-03	2.25E-08	2.27E-01	1.57E-01	8.04E-10	1.0E+06	8.0E-04
256	0.33448	6.37E-05	2.1E-05	1.05E-03	2.23E-08	2.27E-01	1.57E-01	7.96E-10	1.0E+06	8.0E-04
257	0.33131	6.37E-05	2.1E-05	1.05E-03	2.21E-08	2.27E-01	1.57E-01	7.89E-10	1.0E+06	7.9E-04
258	0.32791	6.37E-05	2.1E-05	1.05E-03	2.18E-08	2.27E-01	1.57E-01	7.81E-10	1.0E+06	7.8E-04
259	0.32354	6.37E-05	2.1E-05	1.05E-03	2.16E-08	2.27E-01	1.57E-01	7.70E-10	1.0E+06	7.7E-04
260	0.31923	6.37E-05	2.0E-05	1.05E-03	2.13E-08	2.27E-01	1.57E-01	7.60E-10	1.0E+06	7.6E-04
261	0.32468	6.37E-05	2.1E-05	1.05E-03	2.16E-08	2.27E-01	1.57E-01	7.73E-10	1.0E+06	7.7E-04
262	0.33264	6.37E-05	2.1E-05	1.05E-03	2.22E-08	2.27E-01	1.57E-01	7.92E-10	1.0E+06	7.9E-04
263	0.32882	6.37E-05	2.1E-05	1.05E-03	2.19E-08	2.27E-01	1.57E-01	7.83E-10	1.0E+06	7.8E-04
264	0.32471	6.37E-05	2.1E-05	1.05E-03	2.16E-08	2.27E-01	1.57E-01	7.73E-10	1.0E+06	7.7E-04
265	0.32089	6.37E-05	2.0E-05	1.05E-03	2.14E-08	2.27E-01	1.57E-01	7.64E-10	1.0E+06	7.6E-04
266	0.31763	6.37E-05	2.0E-05	1.05E-03	2.12E-08	2.27E-01	1.57E-01	7.56E-10	1.0E+06	7.6E-04
267	0.31481	6.37E-05	2.0E-05	1.05E-03	2.10E-08	2.27E-01	1.57E-01	7.49E-10	1.0E+06	7.5E-04
268	0.31198	6.37E-05	2.0E-05	1.05E-03	2.08E-08	2.27E-01	1.57E-01	7.43E-10	1.0E+06	7.4E-04
269	0.30824	6.37E-05	2.0E-05	1.05E-03	2.05E-08	2.27E-01	1.57E-01	7.34E-10	1.0E+06	7.3E-04
270	0.31617	6.37E-05	2.0E-05	1.05E-03	2.11E-08	2.27E-01	1.57E-01	7.53E-10	1.0E+06	7.5E-04
271	0.31273	6.37E-05	2.0E-05	1.05E-03	2.08E-08	2.27E-01	1.57E-01	7.44E-10	1.0E+06	7.4E-04
272	0.30891	6.37E-05	2.0E-05	1.05E-03	2.06E-08	2.27E-01	1.57E-01	7.35E-10	1.0E+06	7.4E-04
273	0.30525	6.37E-05	1.9E-05	1.05E-03	2.03E-08	2.27E-01	1.57E-01	7.27E-10	1.0E+06	7.3E-04
274	0.30212	6.37E-05	1.9E-05	1.05E-03	2.01E-08	2.27E-01	1.57E-01	7.19E-10	1.0E+06	7.2E-04
275	0.29954	6.37E-05	1.9E-05	1.05E-03	2.00E-08	2.27E-01	1.57E-01	7.13E-10	1.0E+06	7.1E-04
276	0.29693	6.37E-05	1.9E-05	1.05E-03	1.98E-08	2.27E-01	1.57E-01	7.07E-10	1.0E+06	7.1E-04
277	0.32412	6.37E-05	2.1E-05	1.05E-03	2.16E-08	2.27E-01	1.57E-01	7.72E-10	1.0E+06	7.7E-04
278	0.33444	6.37E-05	2.1E-05	1.05E-03	2.23E-08	2.27E-01	1.57E-01	7.96E-10	1.0E+06	8.0E-04

Berkley WTPF
SeaWall Mitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
279	0.33455	6.37E-05	2.1E-05	1.05E-03	2.23E-08	2.27E-01	1.57E-01	7.96E-10	1.0E+06	8.0E-04
280	0.32664	6.37E-05	2.1E-05	1.05E-03	2.18E-08	2.27E-01	1.57E-01	7.78E-10	1.0E+06	7.8E-04
281	0.31412	6.37E-05	2.0E-05	1.05E-03	2.09E-08	2.27E-01	1.57E-01	7.48E-10	1.0E+06	7.5E-04
282	0.30309	6.37E-05	1.9E-05	1.05E-03	2.02E-08	2.27E-01	1.57E-01	7.21E-10	1.0E+06	7.2E-04
283	0.30098	6.37E-05	1.9E-05	1.05E-03	2.00E-08	2.27E-01	1.57E-01	7.16E-10	1.0E+06	7.2E-04
284	0.29791	6.37E-05	1.9E-05	1.05E-03	1.98E-08	2.27E-01	1.57E-01	7.09E-10	1.0E+06	7.1E-04
285	0.29436	6.37E-05	1.9E-05	1.05E-03	1.96E-08	2.27E-01	1.57E-01	7.01E-10	1.0E+06	7.0E-04
286	0.29087	6.37E-05	1.9E-05	1.05E-03	1.94E-08	2.27E-01	1.57E-01	6.92E-10	1.0E+06	6.9E-04
287	0.28784	6.37E-05	1.8E-05	1.05E-03	1.92E-08	2.27E-01	1.57E-01	6.85E-10	1.0E+06	6.9E-04
288	0.2854	6.37E-05	1.8E-05	1.05E-03	1.90E-08	2.27E-01	1.57E-01	6.79E-10	1.0E+06	6.8E-04
289	0.28274	6.37E-05	1.8E-05	1.05E-03	1.88E-08	2.27E-01	1.57E-01	6.73E-10	1.0E+06	6.7E-04
290	0.29502	6.37E-05	1.9E-05	1.05E-03	1.97E-08	2.27E-01	1.57E-01	7.02E-10	1.0E+06	7.0E-04
291	0.31223	6.37E-05	2.0E-05	1.05E-03	2.08E-08	2.27E-01	1.57E-01	7.43E-10	1.0E+06	7.4E-04
292	0.32	6.37E-05	2.0E-05	1.05E-03	2.13E-08	2.27E-01	1.57E-01	7.62E-10	1.0E+06	7.6E-04
293	0.31842	6.37E-05	2.0E-05	1.05E-03	2.12E-08	2.27E-01	1.57E-01	7.58E-10	1.0E+06	7.6E-04
294	0.30975	6.37E-05	2.0E-05	1.05E-03	2.06E-08	2.27E-01	1.57E-01	7.37E-10	1.0E+06	7.4E-04
295	0.2973	6.37E-05	1.9E-05	1.05E-03	1.98E-08	2.27E-01	1.57E-01	7.08E-10	1.0E+06	7.1E-04
296	0.28456	6.37E-05	1.8E-05	1.05E-03	1.90E-08	2.27E-01	1.57E-01	6.77E-10	1.0E+06	6.8E-04
297	0.2743	6.37E-05	1.7E-05	1.05E-03	1.83E-08	2.27E-01	1.57E-01	6.53E-10	1.0E+06	6.5E-04
298	0.268	6.37E-05	1.7E-05	1.05E-03	1.79E-08	2.27E-01	1.57E-01	6.38E-10	1.0E+06	6.4E-04
299	0.26587	6.37E-05	1.7E-05	1.05E-03	1.77E-08	2.27E-01	1.57E-01	6.33E-10	1.0E+06	6.3E-04
300	0.26726	6.37E-05	1.7E-05	1.05E-03	1.78E-08	2.27E-01	1.57E-01	6.36E-10	1.0E+06	6.4E-04
301	0.28871	6.37E-05	1.8E-05	1.05E-03	1.92E-08	2.27E-01	1.57E-01	6.87E-10	1.0E+06	6.9E-04
302	0.28695	6.37E-05	1.8E-05	1.05E-03	1.91E-08	2.27E-01	1.57E-01	6.83E-10	1.0E+06	6.8E-04
303	0.28421	6.37E-05	1.8E-05	1.05E-03	1.89E-08	2.27E-01	1.57E-01	6.77E-10	1.0E+06	6.8E-04
304	0.28094	6.37E-05	1.8E-05	1.05E-03	1.87E-08	2.27E-01	1.57E-01	6.69E-10	1.0E+06	6.7E-04
305	0.27762	6.37E-05	1.8E-05	1.05E-03	1.85E-08	2.27E-01	1.57E-01	6.61E-10	1.0E+06	6.6E-04
306	0.27467	6.37E-05	1.8E-05	1.05E-03	1.83E-08	2.27E-01	1.57E-01	6.54E-10	1.0E+06	6.5E-04
307	0.2723	6.37E-05	1.7E-05	1.05E-03	1.81E-08	2.27E-01	1.57E-01	6.48E-10	1.0E+06	6.5E-04
308	0.28598	6.37E-05	1.8E-05	1.05E-03	1.90E-08	2.27E-01	1.57E-01	6.81E-10	1.0E+06	6.8E-04
309	0.30072	6.37E-05	1.9E-05	1.05E-03	2.00E-08	2.27E-01	1.57E-01	7.16E-10	1.0E+06	7.2E-04

Berkley WTPF
SeaWall Mitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
310	0.3063	6.37E-05	2.0E-05	1.05E-03	2.04E-08	2.27E-01	1.57E-01	7.29E-10	1.0E+06	7.3E-04
311	0.30327	6.37E-05	1.9E-05	1.05E-03	2.02E-08	2.27E-01	1.57E-01	7.22E-10	1.0E+06	7.2E-04
312	0.29403	6.37E-05	1.9E-05	1.05E-03	1.96E-08	2.27E-01	1.57E-01	7.00E-10	1.0E+06	7.0E-04
313	0.28177	6.37E-05	1.8E-05	1.05E-03	1.88E-08	2.27E-01	1.57E-01	6.71E-10	1.0E+06	6.7E-04
314	0.26967	6.37E-05	1.7E-05	1.05E-03	1.80E-08	2.27E-01	1.57E-01	6.42E-10	1.0E+06	6.4E-04
315	0.26013	6.37E-05	1.7E-05	1.05E-03	1.73E-08	2.27E-01	1.57E-01	6.19E-10	1.0E+06	6.2E-04
316	0.25436	6.37E-05	1.6E-05	1.05E-03	1.69E-08	2.27E-01	1.57E-01	6.05E-10	1.0E+06	6.1E-04
317	0.25248	6.37E-05	1.6E-05	1.05E-03	1.68E-08	2.27E-01	1.57E-01	6.01E-10	1.0E+06	6.0E-04
318	0.25387	6.37E-05	1.6E-05	1.05E-03	1.69E-08	2.27E-01	1.57E-01	6.04E-10	1.0E+06	6.0E-04
319	0.25753	6.37E-05	1.6E-05	1.05E-03	1.72E-08	2.27E-01	1.57E-01	6.13E-10	1.0E+06	6.1E-04
320	0.26233	6.37E-05	1.7E-05	1.05E-03	1.75E-08	2.27E-01	1.57E-01	6.24E-10	1.0E+06	6.2E-04
321	0.26722	6.37E-05	1.7E-05	1.05E-03	1.78E-08	2.27E-01	1.57E-01	6.36E-10	1.0E+06	6.4E-04
322	0.27135	6.37E-05	1.7E-05	1.05E-03	1.81E-08	2.27E-01	1.57E-01	6.46E-10	1.0E+06	6.5E-04
323	0.27541	6.37E-05	1.8E-05	1.05E-03	1.83E-08	2.27E-01	1.57E-01	6.56E-10	1.0E+06	6.6E-04
324	0.27396	6.37E-05	1.7E-05	1.05E-03	1.82E-08	2.27E-01	1.57E-01	6.52E-10	1.0E+06	6.5E-04
325	0.27153	6.37E-05	1.7E-05	1.05E-03	1.81E-08	2.27E-01	1.57E-01	6.46E-10	1.0E+06	6.5E-04
326	0.26851	6.37E-05	1.7E-05	1.05E-03	1.79E-08	2.27E-01	1.57E-01	6.39E-10	1.0E+06	6.4E-04
327	0.26536	6.37E-05	1.7E-05	1.05E-03	1.77E-08	2.27E-01	1.57E-01	6.32E-10	1.0E+06	6.3E-04
328	0.26249	6.37E-05	1.7E-05	1.05E-03	1.75E-08	2.27E-01	1.57E-01	6.25E-10	1.0E+06	6.2E-04
329	0.26018	6.37E-05	1.7E-05	1.05E-03	1.73E-08	2.27E-01	1.57E-01	6.19E-10	1.0E+06	6.2E-04
330	0.27726	6.37E-05	1.8E-05	1.05E-03	1.85E-08	2.27E-01	1.57E-01	6.60E-10	1.0E+06	6.6E-04
331	0.28967	6.37E-05	1.8E-05	1.05E-03	1.93E-08	2.27E-01	1.57E-01	6.90E-10	1.0E+06	6.9E-04
332	0.29327	6.37E-05	1.9E-05	1.05E-03	1.95E-08	2.27E-01	1.57E-01	6.98E-10	1.0E+06	7.0E-04
333	0.28902	6.37E-05	1.8E-05	1.05E-03	1.93E-08	2.27E-01	1.57E-01	6.88E-10	1.0E+06	6.9E-04
334	0.27939	6.37E-05	1.8E-05	1.05E-03	1.86E-08	2.27E-01	1.57E-01	6.65E-10	1.0E+06	6.7E-04
335	0.26742	6.37E-05	1.7E-05	1.05E-03	1.78E-08	2.27E-01	1.57E-01	6.37E-10	1.0E+06	6.4E-04
336	0.25596	6.37E-05	1.6E-05	1.05E-03	1.71E-08	2.27E-01	1.57E-01	6.09E-10	1.0E+06	6.1E-04
337	0.2471	6.37E-05	1.6E-05	1.05E-03	1.65E-08	2.27E-01	1.57E-01	5.88E-10	1.0E+06	5.9E-04
338	0.24182	6.37E-05	1.5E-05	1.05E-03	1.61E-08	2.27E-01	1.57E-01	5.76E-10	1.0E+06	5.8E-04
339	0.24015	6.37E-05	1.5E-05	1.05E-03	1.60E-08	2.27E-01	1.57E-01	5.72E-10	1.0E+06	5.7E-04
340	0.24154	6.37E-05	1.5E-05	1.05E-03	1.61E-08	2.27E-01	1.57E-01	5.75E-10	1.0E+06	5.7E-04

Berkley WTPF
SeaWall Mitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
341	0.24508	6.37E-05	1.6E-05	1.05E-03	1.63E-08	2.27E-01	1.57E-01	5.83E-10	1.0E+06	5.8E-04
342	0.24972	6.37E-05	1.6E-05	1.05E-03	1.66E-08	2.27E-01	1.57E-01	5.94E-10	1.0E+06	5.9E-04
343	0.25447	6.37E-05	1.6E-05	1.05E-03	1.70E-08	2.27E-01	1.57E-01	6.06E-10	1.0E+06	6.1E-04
344	0.25855	6.37E-05	1.6E-05	1.05E-03	1.72E-08	2.27E-01	1.57E-01	6.15E-10	1.0E+06	6.2E-04
345	0.26147	6.37E-05	1.7E-05	1.05E-03	1.74E-08	2.27E-01	1.57E-01	6.22E-10	1.0E+06	6.2E-04
346	0.26298	6.37E-05	1.7E-05	1.05E-03	1.75E-08	2.27E-01	1.57E-01	6.26E-10	1.0E+06	6.3E-04
347	0.26307	6.37E-05	1.7E-05	1.05E-03	1.75E-08	2.27E-01	1.57E-01	6.26E-10	1.0E+06	6.3E-04
348	0.26191	6.37E-05	1.7E-05	1.05E-03	1.74E-08	2.27E-01	1.57E-01	6.23E-10	1.0E+06	6.2E-04
349	0.25976	6.37E-05	1.7E-05	1.05E-03	1.73E-08	2.27E-01	1.57E-01	6.18E-10	1.0E+06	6.2E-04
350	0.25699	6.37E-05	1.6E-05	1.05E-03	1.71E-08	2.27E-01	1.57E-01	6.12E-10	1.0E+06	6.1E-04
351	0.25395	6.37E-05	1.6E-05	1.05E-03	1.69E-08	2.27E-01	1.57E-01	6.04E-10	1.0E+06	6.0E-04
352	0.2511	6.37E-05	1.6E-05	1.05E-03	1.67E-08	2.27E-01	1.57E-01	5.98E-10	1.0E+06	6.0E-04
353	0.26881	6.37E-05	1.7E-05	1.05E-03	1.79E-08	2.27E-01	1.57E-01	6.40E-10	1.0E+06	6.4E-04
354	0.27903	6.37E-05	1.8E-05	1.05E-03	1.86E-08	2.27E-01	1.57E-01	6.64E-10	1.0E+06	6.6E-04
355	0.28088	6.37E-05	1.8E-05	1.05E-03	1.87E-08	2.27E-01	1.57E-01	6.69E-10	1.0E+06	6.7E-04
356	0.27562	6.37E-05	1.8E-05	1.05E-03	1.84E-08	2.27E-01	1.57E-01	6.56E-10	1.0E+06	6.6E-04
357	0.26575	6.37E-05	1.7E-05	1.05E-03	1.77E-08	2.27E-01	1.57E-01	6.33E-10	1.0E+06	6.3E-04
358	0.25413	6.37E-05	1.6E-05	1.05E-03	1.69E-08	2.27E-01	1.57E-01	6.05E-10	1.0E+06	6.0E-04
359	0.24331	6.37E-05	1.6E-05	1.05E-03	1.62E-08	2.27E-01	1.57E-01	5.79E-10	1.0E+06	5.8E-04
360	0.23509	6.37E-05	1.5E-05	1.05E-03	1.57E-08	2.27E-01	1.57E-01	5.60E-10	1.0E+06	5.6E-04
361	0.23025	6.37E-05	1.5E-05	1.05E-03	1.53E-08	2.27E-01	1.57E-01	5.48E-10	1.0E+06	5.5E-04
362	0.22878	6.37E-05	1.5E-05	1.05E-03	1.52E-08	2.27E-01	1.57E-01	5.45E-10	1.0E+06	5.4E-04
363	0.23016	6.37E-05	1.5E-05	1.05E-03	1.53E-08	2.27E-01	1.57E-01	5.48E-10	1.0E+06	5.5E-04
364	0.23356	6.37E-05	1.5E-05	1.05E-03	1.56E-08	2.27E-01	1.57E-01	5.56E-10	1.0E+06	5.6E-04
365	0.23804	6.37E-05	1.5E-05	1.05E-03	1.59E-08	2.27E-01	1.57E-01	5.67E-10	1.0E+06	5.7E-04
366	0.24266	6.37E-05	1.5E-05	1.05E-03	1.62E-08	2.27E-01	1.57E-01	5.78E-10	1.0E+06	5.8E-04
367	0.24668	6.37E-05	1.6E-05	1.05E-03	1.64E-08	2.27E-01	1.57E-01	5.87E-10	1.0E+06	5.9E-04
368	0.24963	6.37E-05	1.6E-05	1.05E-03	1.66E-08	2.27E-01	1.57E-01	5.94E-10	1.0E+06	5.9E-04
369	0.25129	6.37E-05	1.6E-05	1.05E-03	1.67E-08	2.27E-01	1.57E-01	5.98E-10	1.0E+06	6.0E-04
370	0.2516	6.37E-05	1.6E-05	1.05E-03	1.68E-08	2.27E-01	1.57E-01	5.99E-10	1.0E+06	6.0E-04
371	0.25069	6.37E-05	1.6E-05	1.05E-03	1.67E-08	2.27E-01	1.57E-01	5.97E-10	1.0E+06	6.0E-04

Berkley WTPF
SeaWall Mitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
372	0.24881	6.37E-05	1.6E-05	1.05E-03	1.66E-08	2.27E-01	1.57E-01	5.92E-10	1.0E+06	5.9E-04
373	0.26879	6.37E-05	1.7E-05	1.05E-03	1.79E-08	2.27E-01	1.57E-01	6.40E-10	1.0E+06	6.4E-04
374	0.26909	6.37E-05	1.7E-05	1.05E-03	1.79E-08	2.27E-01	1.57E-01	6.41E-10	1.0E+06	6.4E-04
375	0.26302	6.37E-05	1.7E-05	1.05E-03	1.75E-08	2.27E-01	1.57E-01	6.26E-10	1.0E+06	6.3E-04
376	0.25303	6.37E-05	1.6E-05	1.05E-03	1.69E-08	2.27E-01	1.57E-01	6.02E-10	1.0E+06	6.0E-04
377	0.24181	6.37E-05	1.5E-05	1.05E-03	1.61E-08	2.27E-01	1.57E-01	5.76E-10	1.0E+06	5.8E-04
378	0.23163	6.37E-05	1.5E-05	1.05E-03	1.54E-08	2.27E-01	1.57E-01	5.51E-10	1.0E+06	5.5E-04
379	0.22401	6.37E-05	1.4E-05	1.05E-03	1.49E-08	2.27E-01	1.57E-01	5.33E-10	1.0E+06	5.3E-04
380	0.21957	6.37E-05	1.4E-05	1.05E-03	1.46E-08	2.27E-01	1.57E-01	5.23E-10	1.0E+06	5.2E-04
381	0.21827	6.37E-05	1.4E-05	1.05E-03	1.45E-08	2.27E-01	1.57E-01	5.20E-10	1.0E+06	5.2E-04
382	0.21962	6.37E-05	1.4E-05	1.05E-03	1.46E-08	2.27E-01	1.57E-01	5.23E-10	1.0E+06	5.2E-04
383	0.2229	6.37E-05	1.4E-05	1.05E-03	1.48E-08	2.27E-01	1.57E-01	5.31E-10	1.0E+06	5.3E-04
384	0.22722	6.37E-05	1.4E-05	1.05E-03	1.51E-08	2.27E-01	1.57E-01	5.41E-10	1.0E+06	5.4E-04
385	0.23171	6.37E-05	1.5E-05	1.05E-03	1.54E-08	2.27E-01	1.57E-01	5.52E-10	1.0E+06	5.5E-04
386	0.23567	6.37E-05	1.5E-05	1.05E-03	1.57E-08	2.27E-01	1.57E-01	5.61E-10	1.0E+06	5.6E-04
387	0.23864	6.37E-05	1.5E-05	1.05E-03	1.59E-08	2.27E-01	1.57E-01	5.68E-10	1.0E+06	5.7E-04
388	0.24037	6.37E-05	1.5E-05	1.05E-03	1.60E-08	2.27E-01	1.57E-01	5.72E-10	1.0E+06	5.7E-04
389	0.25886	6.37E-05	1.6E-05	1.05E-03	1.72E-08	2.27E-01	1.57E-01	6.16E-10	1.0E+06	6.2E-04
390	0.2578	6.37E-05	1.6E-05	1.05E-03	1.72E-08	2.27E-01	1.57E-01	6.14E-10	1.0E+06	6.1E-04
391	0.25114	6.37E-05	1.6E-05	1.05E-03	1.67E-08	2.27E-01	1.57E-01	5.98E-10	1.0E+06	6.0E-04
392	0.24117	6.37E-05	1.5E-05	1.05E-03	1.61E-08	2.27E-01	1.57E-01	5.74E-10	1.0E+06	5.7E-04
393	0.23038	6.37E-05	1.5E-05	1.05E-03	1.53E-08	2.27E-01	1.57E-01	5.48E-10	1.0E+06	5.5E-04
394	0.22082	6.37E-05	1.4E-05	1.05E-03	1.47E-08	2.27E-01	1.57E-01	5.26E-10	1.0E+06	5.3E-04
395	0.21375	6.37E-05	1.4E-05	1.05E-03	1.42E-08	2.27E-01	1.57E-01	5.09E-10	1.0E+06	5.1E-04
396	0.20968	6.37E-05	1.3E-05	1.05E-03	1.40E-08	2.27E-01	1.57E-01	4.99E-10	1.0E+06	5.0E-04
397	0.20852	6.37E-05	1.3E-05	1.05E-03	1.39E-08	2.27E-01	1.57E-01	4.96E-10	1.0E+06	5.0E-04
398	0.20986	6.37E-05	1.3E-05	1.05E-03	1.40E-08	2.27E-01	1.57E-01	5.00E-10	1.0E+06	5.0E-04
399	0.21301	6.37E-05	1.4E-05	1.05E-03	1.42E-08	2.27E-01	1.57E-01	5.07E-10	1.0E+06	5.1E-04
400	0.21718	6.37E-05	1.4E-05	1.05E-03	1.45E-08	2.27E-01	1.57E-01	5.17E-10	1.0E+06	5.2E-04
401	0.22153	6.37E-05	1.4E-05	1.05E-03	1.48E-08	2.27E-01	1.57E-01	5.27E-10	1.0E+06	5.3E-04
402	0.22541	6.37E-05	1.4E-05	1.05E-03	1.50E-08	2.27E-01	1.57E-01	5.37E-10	1.0E+06	5.4E-04

Berkley WTPF
SeaWall Mitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
403	0.22839	6.37E-05	1.5E-05	1.05E-03	1.52E-08	2.27E-01	1.57E-01	5.44E-10	1.0E+06	5.4E-04
404	0.24668	6.37E-05	1.6E-05	1.05E-03	1.64E-08	2.27E-01	1.57E-01	5.87E-10	1.0E+06	5.9E-04
405	0.23987	6.37E-05	1.5E-05	1.05E-03	1.60E-08	2.27E-01	1.57E-01	5.71E-10	1.0E+06	5.7E-04
406	0.23008	6.37E-05	1.5E-05	1.05E-03	1.53E-08	2.27E-01	1.57E-01	5.48E-10	1.0E+06	5.5E-04
407	0.21976	6.37E-05	1.4E-05	1.05E-03	1.46E-08	2.27E-01	1.57E-01	5.23E-10	1.0E+06	5.2E-04
408	0.2108	6.37E-05	1.3E-05	1.05E-03	1.40E-08	2.27E-01	1.57E-01	5.02E-10	1.0E+06	5.0E-04
409	0.20424	6.37E-05	1.3E-05	1.05E-03	1.36E-08	2.27E-01	1.57E-01	4.86E-10	1.0E+06	4.9E-04
410	0.2005	6.37E-05	1.3E-05	1.05E-03	1.34E-08	2.27E-01	1.57E-01	4.77E-10	1.0E+06	4.8E-04
411	0.19948	6.37E-05	1.3E-05	1.05E-03	1.33E-08	2.27E-01	1.57E-01	4.75E-10	1.0E+06	4.7E-04
412	0.20079	6.37E-05	1.3E-05	1.05E-03	1.34E-08	2.27E-01	1.57E-01	4.78E-10	1.0E+06	4.8E-04
413	0.20382	6.37E-05	1.3E-05	1.05E-03	1.36E-08	2.27E-01	1.57E-01	4.85E-10	1.0E+06	4.9E-04
414	0.20783	6.37E-05	1.3E-05	1.05E-03	1.38E-08	2.27E-01	1.57E-01	4.95E-10	1.0E+06	4.9E-04
415	0.21205	6.37E-05	1.4E-05	1.05E-03	1.41E-08	2.27E-01	1.57E-01	5.05E-10	1.0E+06	5.0E-04
416	0.21586	6.37E-05	1.4E-05	1.05E-03	1.44E-08	2.27E-01	1.57E-01	5.14E-10	1.0E+06	5.1E-04
417	0.21883	6.37E-05	1.4E-05	1.05E-03	1.46E-08	2.27E-01	1.57E-01	5.21E-10	1.0E+06	5.2E-04
418	0.21923	6.37E-05	1.4E-05	1.05E-03	1.46E-08	2.27E-01	1.57E-01	5.22E-10	1.0E+06	5.2E-04
419	0.20988	6.37E-05	1.3E-05	1.05E-03	1.40E-08	2.27E-01	1.57E-01	5.00E-10	1.0E+06	5.0E-04
420	0.20149	6.37E-05	1.3E-05	1.05E-03	1.34E-08	2.27E-01	1.57E-01	4.80E-10	1.0E+06	4.8E-04
421	0.19541	6.37E-05	1.2E-05	1.05E-03	1.30E-08	2.27E-01	1.57E-01	4.65E-10	1.0E+06	4.7E-04
422	0.19197	6.37E-05	1.2E-05	1.05E-03	1.28E-08	2.27E-01	1.57E-01	4.57E-10	1.0E+06	4.6E-04
423	0.19106	6.37E-05	1.2E-05	1.05E-03	1.27E-08	2.27E-01	1.57E-01	4.55E-10	1.0E+06	4.5E-04
424	0.19234	6.37E-05	1.2E-05	1.05E-03	1.28E-08	2.27E-01	1.57E-01	4.58E-10	1.0E+06	4.6E-04
425	0.19526	6.37E-05	1.2E-05	1.05E-03	1.30E-08	2.27E-01	1.57E-01	4.65E-10	1.0E+06	4.6E-04
426	0.19912	6.37E-05	1.3E-05	1.05E-03	1.33E-08	2.27E-01	1.57E-01	4.74E-10	1.0E+06	4.7E-04
427	0.20321	6.37E-05	1.3E-05	1.05E-03	1.35E-08	2.27E-01	1.57E-01	4.84E-10	1.0E+06	4.8E-04
428	0.20694	6.37E-05	1.3E-05	1.05E-03	1.38E-08	2.27E-01	1.57E-01	4.93E-10	1.0E+06	4.9E-04
429	0.20979	6.37E-05	1.3E-05	1.05E-03	1.40E-08	2.27E-01	1.57E-01	4.99E-10	1.0E+06	5.0E-04
430	0.18308	6.37E-05	1.2E-05	1.05E-03	1.22E-08	2.27E-01	1.57E-01	4.36E-10	1.0E+06	4.4E-04
431	0.18439	6.37E-05	1.2E-05	1.05E-03	1.23E-08	2.27E-01	1.57E-01	4.39E-10	1.0E+06	4.4E-04
432	0.18719	6.37E-05	1.2E-05	1.05E-03	1.25E-08	2.27E-01	1.57E-01	4.46E-10	1.0E+06	4.5E-04
433	0.19097	6.37E-05	1.2E-05	1.05E-03	1.27E-08	2.27E-01	1.57E-01	4.55E-10	1.0E+06	4.5E-04

Berkley WTPF
SeaWall Mitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
434	0.19495	6.37E-05	1.2E-05	1.05E-03	1.30E-08	2.27E-01	1.57E-01	4.64E-10	1.0E+06	4.6E-04
435	0.19859	6.37E-05	1.3E-05	1.05E-03	1.32E-08	2.27E-01	1.57E-01	4.73E-10	1.0E+06	4.7E-04

Berkley WTPF
SeaWall Mitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
		Residence	
1	5	1.24E-05	1.24E-05
2	5	1.22E-05	1.22E-05
3	5	1.21E-05	1.21E-05
4	5	1.21E-05	1.21E-05
5	5	1.21E-05	1.21E-05
6	5	1.20E-05	1.20E-05
7	5	1.20E-05	1.20E-05
8	5	1.18E-05	1.18E-05
9	5	1.13E-05	1.13E-05
10	5	1.11E-05	1.11E-05
11	5	1.09E-05	1.09E-05
12	5	1.09E-05	1.09E-05
13	5	1.09E-05	1.09E-05
14	5	1.09E-05	1.09E-05
15	5	1.09E-05	1.09E-05
16	5	1.09E-05	1.09E-05
17	5	1.08E-05	1.08E-05
18	5	1.06E-05	1.06E-05
19	5	1.04E-05	1.04E-05
20	5	1.02E-05	1.02E-05
21	5	1.02E-05	1.02E-05
22	5	1.00E-05	1.00E-05
23	5	9.87E-06	9.87E-06
24	5	9.81E-06	9.81E-06
25	5	9.84E-06	9.84E-06
26	5	9.90E-06	9.90E-06
27	5	9.92E-06	9.92E-06
28	5	9.89E-06	9.89E-06
29	5	9.81E-06	9.81E-06
30	5	9.68E-06	9.68E-06

Max	Receptor #	
1.236E-05	1	Res
1.417E-04	436	Park
1.541E-04	1	Total

Berkley WTPF
SeaWall Mitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
31	5	9.52E-06	9.52E-06
32	5	9.34E-06	9.34E-06
33	5	9.15E-06	9.15E-06
34	5	8.95E-06	8.95E-06
35	5	8.75E-06	8.75E-06
36	5	8.53E-06	8.53E-06
37	5	9.32E-06	9.32E-06
38	5	9.11E-06	9.11E-06
39	5	8.96E-06	8.96E-06
40	5	8.92E-06	8.92E-06
41	5	8.96E-06	8.96E-06
42	5	9.03E-06	9.03E-06
43	5	9.07E-06	9.07E-06
44	5	9.05E-06	9.05E-06
45	5	8.99E-06	8.99E-06
46	5	8.88E-06	8.88E-06
47	5	8.75E-06	8.75E-06
48	5	8.60E-06	8.60E-06
49	5	8.44E-06	8.44E-06
50	5	8.27E-06	8.27E-06
51	5	8.10E-06	8.10E-06
52	5	7.92E-06	7.92E-06
53	5	7.72E-06	7.72E-06
54	5	7.53E-06	7.53E-06
55	5	7.34E-06	7.34E-06
56	5	8.72E-06	8.72E-06
57	5	8.53E-06	8.53E-06
58	5	8.32E-06	8.32E-06
59	5	8.18E-06	8.18E-06
60	5	8.15E-06	8.15E-06
61	5	8.20E-06	8.20E-06

Berkley WTPF
SeaWall Mitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
62	5	8.28E-06	8.28E-06
63	5	8.33E-06	8.33E-06
64	5	8.33E-06	8.33E-06
65	5	8.28E-06	8.28E-06
66	5	8.19E-06	8.19E-06
67	5	8.07E-06	8.07E-06
68	5	7.94E-06	7.94E-06
69	5	7.81E-06	7.81E-06
70	5	7.67E-06	7.67E-06
71	5	7.52E-06	7.52E-06
72	5	7.36E-06	7.36E-06
73	5	7.20E-06	7.20E-06
74	5	7.02E-06	7.02E-06
75	5	6.85E-06	6.85E-06
76	5	8.03E-06	8.03E-06
77	5	7.83E-06	7.83E-06
78	5	7.62E-06	7.62E-06
79	5	7.50E-06	7.50E-06
80	5	7.48E-06	7.48E-06
81	5	7.54E-06	7.54E-06
82	5	7.62E-06	7.62E-06
83	5	7.68E-06	7.68E-06
84	5	7.69E-06	7.69E-06
85	5	7.65E-06	7.65E-06
86	5	7.58E-06	7.58E-06
87	5	7.48E-06	7.48E-06
88	5	7.37E-06	7.37E-06
89	5	7.25E-06	7.25E-06
90	5	7.13E-06	7.13E-06
91	5	7.00E-06	7.00E-06
92	5	6.87E-06	6.87E-06

Berkley WTPF
SeaWall Mitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
93	5	6.72E-06	6.72E-06
94	5	6.57E-06	6.57E-06
95	5	6.41E-06	6.41E-06
96	5	6.26E-06	6.26E-06
97	5	6.12E-06	6.12E-06
98	5	7.42E-06	7.42E-06
99	5	7.21E-06	7.21E-06
100	5	7.02E-06	7.02E-06
101	5	6.91E-06	6.91E-06
102	5	6.89E-06	6.89E-06
103	5	6.95E-06	6.95E-06
104	5	7.03E-06	7.03E-06
105	5	7.10E-06	7.10E-06
106	5	7.13E-06	7.13E-06
107	5	7.10E-06	7.10E-06
108	5	7.04E-06	7.04E-06
109	5	6.95E-06	6.95E-06
110	5	6.85E-06	6.85E-06
111	5	6.75E-06	6.75E-06
112	5	6.65E-06	6.65E-06
113	5	6.54E-06	6.54E-06
114	5	6.42E-06	6.42E-06
115	5	6.30E-06	6.30E-06
116	5	6.16E-06	6.16E-06
117	5	6.02E-06	6.02E-06
118	5	5.87E-06	5.87E-06
119	5	5.74E-06	5.74E-06
120	5	5.62E-06	5.62E-06
121	5	7.02E-06	7.02E-06
122	5	6.87E-06	6.87E-06
123	5	6.66E-06	6.66E-06

Berkley WTPF
SeaWall Mitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
124	5	6.48E-06	6.48E-06
125	5	6.38E-06	6.38E-06
126	5	6.38E-06	6.38E-06
127	5	6.44E-06	6.44E-06
128	5	6.52E-06	6.52E-06
129	5	6.59E-06	6.59E-06
130	5	6.63E-06	6.63E-06
131	5	6.61E-06	6.61E-06
132	5	6.56E-06	6.56E-06
133	5	6.49E-06	6.49E-06
134	5	6.40E-06	6.40E-06
135	5	6.30E-06	6.30E-06
136	5	6.21E-06	6.21E-06
137	5	6.12E-06	6.12E-06
138	5	6.02E-06	6.02E-06
139	5	5.91E-06	5.91E-06
140	5	5.80E-06	5.80E-06
141	5	5.67E-06	5.67E-06
142	5	5.53E-06	5.53E-06
143	5	5.40E-06	5.40E-06
144	5	5.28E-06	5.28E-06
145	5	6.55E-06	6.55E-06
146	5	6.39E-06	6.39E-06
147	5	6.18E-06	6.18E-06
148	5	6.01E-06	6.01E-06
149	5	5.92E-06	5.92E-06
150	5	5.92E-06	5.92E-06
151	5	5.98E-06	5.98E-06
152	5	6.06E-06	6.06E-06
153	5	6.13E-06	6.13E-06
154	5	6.18E-06	6.18E-06

Berkley WTPF
SeaWall Mitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
155	5	6.17E-06	6.17E-06
156	5	6.13E-06	6.13E-06
157	5	6.07E-06	6.07E-06
158	5	5.99E-06	5.99E-06
159	5	5.90E-06	5.90E-06
160	5	5.82E-06	5.82E-06
161	5	5.74E-06	5.74E-06
162	5	5.66E-06	5.66E-06
163	5	5.57E-06	5.57E-06
164	5	5.46E-06	5.46E-06
165	5	5.35E-06	5.35E-06
166	5	5.23E-06	5.23E-06
167	5	5.10E-06	5.10E-06
168	5	6.12E-06	6.12E-06
169	5	5.95E-06	5.95E-06
170	5	5.74E-06	5.74E-06
171	5	5.58E-06	5.58E-06
172	5	5.51E-06	5.51E-06
173	5	5.51E-06	5.51E-06
174	5	5.57E-06	5.57E-06
175	5	5.65E-06	5.65E-06
176	5	5.73E-06	5.73E-06
177	5	5.77E-06	5.77E-06
178	5	5.78E-06	5.78E-06
179	5	5.75E-06	5.75E-06
180	5	5.69E-06	5.69E-06
181	5	5.62E-06	5.62E-06
182	5	5.54E-06	5.54E-06
183	5	5.47E-06	5.47E-06
184	5	5.40E-06	5.40E-06
185	5	5.33E-06	5.33E-06

Berkley WTPF
SeaWall Mitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
186	5	5.25E-06	5.25E-06
187	5	5.16E-06	5.16E-06
188	5	5.06E-06	5.06E-06
189	5	4.95E-06	4.95E-06
190	5	4.82E-06	4.82E-06
191	5	5.74E-06	5.74E-06
192	5	5.55E-06	5.55E-06
193	5	5.35E-06	5.35E-06
194	5	5.21E-06	5.21E-06
195	5	5.14E-06	5.14E-06
196	5	5.15E-06	5.15E-06
197	5	5.21E-06	5.21E-06
198	5	5.28E-06	5.28E-06
199	5	5.36E-06	5.36E-06
200	5	5.41E-06	5.41E-06
201	5	5.29E-06	5.29E-06
202	5	5.22E-06	5.22E-06
203	5	5.15E-06	5.15E-06
204	5	5.09E-06	5.09E-06
205	5	5.03E-06	5.03E-06
206	5	4.96E-06	4.96E-06
207	5	4.89E-06	4.89E-06
208	5	4.80E-06	4.80E-06
209	5	4.70E-06	4.70E-06
210	5	4.57E-06	4.57E-06
211	5	5.39E-06	5.39E-06
212	5	5.20E-06	5.20E-06
213	5	5.00E-06	5.00E-06
214	5	4.87E-06	4.87E-06
215	5	4.81E-06	4.81E-06
216	5	4.82E-06	4.82E-06

Berkley WTPF
SeaWall Mitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
217	5	4.88E-06	4.88E-06
218	5	4.95E-06	4.95E-06
219	5	5.03E-06	5.03E-06
220	5	4.86E-06	4.86E-06
221	5	4.80E-06	4.80E-06
222	5	4.75E-06	4.75E-06
223	5	4.70E-06	4.70E-06
224	5	4.63E-06	4.63E-06
225	5	4.56E-06	4.56E-06
226	5	4.47E-06	4.47E-06
227	5	5.20E-06	5.20E-06
228	5	5.06E-06	5.06E-06
229	5	4.87E-06	4.87E-06
230	5	4.69E-06	4.69E-06
231	5	4.56E-06	4.56E-06
232	5	4.51E-06	4.51E-06
233	5	4.53E-06	4.53E-06
234	5	4.58E-06	4.58E-06
235	5	4.66E-06	4.66E-06
236	5	4.73E-06	4.73E-06
237	5	4.66E-06	4.66E-06
238	5	4.60E-06	4.60E-06
239	5	4.54E-06	4.54E-06
240	5	4.50E-06	4.50E-06
241	5	4.45E-06	4.45E-06
242	5	4.40E-06	4.40E-06
243	5	4.33E-06	4.33E-06
244	5	4.25E-06	4.25E-06
245	5	4.57E-06	4.57E-06
246	5	4.40E-06	4.40E-06
247	5	4.29E-06	4.29E-06

Berkley WTPF
SeaWall Mitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
248	5	4.24E-06	4.24E-06
249	5	4.26E-06	4.26E-06
250	5	4.31E-06	4.31E-06
251	5	4.38E-06	4.38E-06
252	5	4.46E-06	4.46E-06
253	5	4.41E-06	4.41E-06
254	5	4.36E-06	4.36E-06
255	5	4.31E-06	4.31E-06
256	5	4.26E-06	4.26E-06
257	5	4.22E-06	4.22E-06
258	5	4.18E-06	4.18E-06
259	5	4.12E-06	4.12E-06
260	5	4.07E-06	4.07E-06
261	5	4.14E-06	4.14E-06
262	5	4.24E-06	4.24E-06
263	5	4.19E-06	4.19E-06
264	5	4.14E-06	4.14E-06
265	5	4.09E-06	4.09E-06
266	5	4.05E-06	4.05E-06
267	5	4.01E-06	4.01E-06
268	5	3.98E-06	3.98E-06
269	5	3.93E-06	3.93E-06
270	5	4.03E-06	4.03E-06
271	5	3.99E-06	3.99E-06
272	5	3.94E-06	3.94E-06
273	5	3.89E-06	3.89E-06
274	5	3.85E-06	3.85E-06
275	5	3.82E-06	3.82E-06
276	5	3.78E-06	3.78E-06
277	5	4.13E-06	4.13E-06
278	5	4.26E-06	4.26E-06

Berkley WTPF
SeaWall Mitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
279	5	4.26E-06	4.26E-06
280	5	4.16E-06	4.16E-06
281	5	4.00E-06	4.00E-06
282	5	3.86E-06	3.86E-06
283	5	3.84E-06	3.84E-06
284	5	3.80E-06	3.80E-06
285	5	3.75E-06	3.75E-06
286	5	3.71E-06	3.71E-06
287	5	3.67E-06	3.67E-06
288	5	3.64E-06	3.64E-06
289	5	3.60E-06	3.60E-06
290	5	3.76E-06	3.76E-06
291	5	3.98E-06	3.98E-06
292	5	4.08E-06	4.08E-06
293	5	4.06E-06	4.06E-06
294	5	3.95E-06	3.95E-06
295	5	3.79E-06	3.79E-06
296	5	3.63E-06	3.63E-06
297	5	3.50E-06	3.50E-06
298	5	3.42E-06	3.42E-06
299	5	3.39E-06	3.39E-06
300	5	3.41E-06	3.41E-06
301	5	3.68E-06	3.68E-06
302	5	3.66E-06	3.66E-06
303	5	3.62E-06	3.62E-06
304	5	3.58E-06	3.58E-06
305	5	3.54E-06	3.54E-06
306	5	3.50E-06	3.50E-06
307	5	3.47E-06	3.47E-06
308	5	3.65E-06	3.65E-06
309	5	3.83E-06	3.83E-06

Berkley WTPF
SeaWall Mitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
310	5	3.90E-06	3.90E-06
311	5	3.87E-06	3.87E-06
312	5	3.75E-06	3.75E-06
313	5	3.59E-06	3.59E-06
314	5	3.44E-06	3.44E-06
315	5	3.32E-06	3.32E-06
316	5	3.24E-06	3.24E-06
317	5	3.22E-06	3.22E-06
318	5	3.24E-06	3.24E-06
319	5	3.28E-06	3.28E-06
320	5	3.34E-06	3.34E-06
321	5	3.41E-06	3.41E-06
322	5	3.46E-06	3.46E-06
323	5	3.51E-06	3.51E-06
324	5	3.49E-06	3.49E-06
325	5	3.46E-06	3.46E-06
326	5	3.42E-06	3.42E-06
327	5	3.38E-06	3.38E-06
328	5	3.35E-06	3.35E-06
329	5	3.32E-06	3.32E-06
330	5	3.53E-06	3.53E-06
331	5	3.69E-06	3.69E-06
332	5	3.74E-06	3.74E-06
333	5	3.68E-06	3.68E-06
334	5	3.56E-06	3.56E-06
335	5	3.41E-06	3.41E-06
336	5	3.26E-06	3.26E-06
337	5	3.15E-06	3.15E-06
338	5	3.08E-06	3.08E-06
339	5	3.06E-06	3.06E-06
340	5	3.08E-06	3.08E-06

Berkley WTPF
SeaWall Mitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
341	5	3.12E-06	3.12E-06
342	5	3.18E-06	3.18E-06
343	5	3.24E-06	3.24E-06
344	5	3.30E-06	3.30E-06
345	5	3.33E-06	3.33E-06
346	5	3.35E-06	3.35E-06
347	5	3.35E-06	3.35E-06
348	5	3.34E-06	3.34E-06
349	5	3.31E-06	3.31E-06
350	5	3.28E-06	3.28E-06
351	5	3.24E-06	3.24E-06
352	5	3.20E-06	3.20E-06
353	5	3.43E-06	3.43E-06
354	5	3.56E-06	3.56E-06
355	5	3.58E-06	3.58E-06
356	5	3.51E-06	3.51E-06
357	5	3.39E-06	3.39E-06
358	5	3.24E-06	3.24E-06
359	5	3.10E-06	3.10E-06
360	5	3.00E-06	3.00E-06
361	5	2.93E-06	2.93E-06
362	5	2.92E-06	2.92E-06
363	5	2.93E-06	2.93E-06
364	5	2.98E-06	2.98E-06
365	5	3.03E-06	3.03E-06
366	5	3.09E-06	3.09E-06
367	5	3.14E-06	3.14E-06
368	5	3.18E-06	3.18E-06
369	5	3.20E-06	3.20E-06
370	5	3.21E-06	3.21E-06
371	5	3.20E-06	3.20E-06

Berkley WTPF
SeaWall Mitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
372	5	3.17E-06	3.17E-06
373	5	3.43E-06	3.43E-06
374	5	3.43E-06	3.43E-06
375	5	3.35E-06	3.35E-06
376	5	3.23E-06	3.23E-06
377	5	3.08E-06	3.08E-06
378	5	2.95E-06	2.95E-06
379	5	2.86E-06	2.86E-06
380	5	2.80E-06	2.80E-06
381	5	2.78E-06	2.78E-06
382	5	2.80E-06	2.80E-06
383	5	2.84E-06	2.84E-06
384	5	2.90E-06	2.90E-06
385	5	2.95E-06	2.95E-06
386	5	3.00E-06	3.00E-06
387	5	3.04E-06	3.04E-06
388	5	3.06E-06	3.06E-06
389	5	3.30E-06	3.30E-06
390	5	3.29E-06	3.29E-06
391	5	3.20E-06	3.20E-06
392	5	3.07E-06	3.07E-06
393	5	2.94E-06	2.94E-06
394	5	2.81E-06	2.81E-06
395	5	2.72E-06	2.72E-06
396	5	2.67E-06	2.67E-06
397	5	2.66E-06	2.66E-06
398	5	2.67E-06	2.67E-06
399	5	2.72E-06	2.72E-06
400	5	2.77E-06	2.77E-06
401	5	2.82E-06	2.82E-06
402	5	2.87E-06	2.87E-06

Berkley WTPF
SeaWall Mitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
403	5	2.91E-06	2.91E-06
404	5	3.14E-06	3.14E-06
405	5	3.06E-06	3.06E-06
406	5	2.93E-06	2.93E-06
407	5	2.80E-06	2.80E-06
408	5	2.69E-06	2.69E-06
409	5	2.60E-06	2.60E-06
410	5	2.56E-06	2.56E-06
411	5	2.54E-06	2.54E-06
412	5	2.56E-06	2.56E-06
413	5	2.60E-06	2.60E-06
414	5	2.65E-06	2.65E-06
415	5	2.70E-06	2.70E-06
416	5	2.75E-06	2.75E-06
417	5	2.79E-06	2.79E-06
418	5	2.79E-06	2.79E-06
419	5	2.68E-06	2.68E-06
420	5	2.57E-06	2.57E-06
421	5	2.49E-06	2.49E-06
422	5	2.45E-06	2.45E-06
423	5	2.44E-06	2.44E-06
424	5	2.45E-06	2.45E-06
425	5	2.49E-06	2.49E-06
426	5	2.54E-06	2.54E-06
427	5	2.59E-06	2.59E-06
428	5	2.64E-06	2.64E-06
429	5	2.67E-06	2.67E-06
430	5	2.33E-06	2.33E-06
431	5	2.35E-06	2.35E-06
432	5	2.39E-06	2.39E-06
433	5	2.43E-06	2.43E-06

Berkley WTPF
SeaWall Mitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
434	5	2.48E-06	2.48E-06
435	5	2.53E-06	2.53E-06

Berkley WTPF
Plaza Mitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
					Residence					
1	5.69529	5.73E-05	3.3E-04	1.05E-03	3.41E-07	2.27E-01	1.57E-01	1.22E-08	1.0E+06	1.2E-02
2	5.38119	5.73E-05	3.1E-04	1.05E-03	3.22E-07	2.27E-01	1.57E-01	1.15E-08	1.0E+06	1.2E-02
3	5.09752	5.73E-05	2.9E-04	1.05E-03	3.05E-07	2.27E-01	1.57E-01	1.09E-08	1.0E+06	1.1E-02
4	4.86555	5.73E-05	2.8E-04	1.05E-03	2.91E-07	2.27E-01	1.57E-01	1.04E-08	1.0E+06	1.0E-02
5	4.64646	5.73E-05	2.7E-04	1.05E-03	2.78E-07	2.27E-01	1.57E-01	9.94E-09	1.0E+06	9.9E-03
6	4.39311	5.73E-05	2.5E-04	1.05E-03	2.63E-07	2.27E-01	1.57E-01	9.40E-09	1.0E+06	9.4E-03
7	4.0953	5.73E-05	2.3E-04	1.05E-03	2.45E-07	2.27E-01	1.57E-01	8.76E-09	1.0E+06	8.8E-03
8	3.77797	5.73E-05	2.2E-04	1.05E-03	2.26E-07	2.27E-01	1.57E-01	8.08E-09	1.0E+06	8.1E-03
9	4.68111	5.73E-05	2.7E-04	1.05E-03	2.80E-07	2.27E-01	1.57E-01	1.00E-08	1.0E+06	1.0E-02
10	4.52909	5.73E-05	2.6E-04	1.05E-03	2.71E-07	2.27E-01	1.57E-01	9.69E-09	1.0E+06	9.7E-03
11	4.30488	5.73E-05	2.5E-04	1.05E-03	2.58E-07	2.27E-01	1.57E-01	9.21E-09	1.0E+06	9.2E-03
12	4.07734	5.73E-05	2.3E-04	1.05E-03	2.44E-07	2.27E-01	1.57E-01	8.72E-09	1.0E+06	8.7E-03
13	3.89477	5.73E-05	2.2E-04	1.05E-03	2.33E-07	2.27E-01	1.57E-01	8.33E-09	1.0E+06	8.3E-03
14	3.75856	5.73E-05	2.2E-04	1.05E-03	2.25E-07	2.27E-01	1.57E-01	8.04E-09	1.0E+06	8.0E-03
15	3.62845	5.73E-05	2.1E-04	1.05E-03	2.17E-07	2.27E-01	1.57E-01	7.76E-09	1.0E+06	7.8E-03
16	3.46803	5.73E-05	2.0E-04	1.05E-03	2.08E-07	2.27E-01	1.57E-01	7.42E-09	1.0E+06	7.4E-03
17	3.26894	5.73E-05	1.9E-04	1.05E-03	1.96E-07	2.27E-01	1.57E-01	6.99E-09	1.0E+06	7.0E-03
18	3.04415	5.73E-05	1.7E-04	1.05E-03	1.82E-07	2.27E-01	1.57E-01	6.51E-09	1.0E+06	6.5E-03
19	2.80953	5.73E-05	1.6E-04	1.05E-03	1.68E-07	2.27E-01	1.57E-01	6.01E-09	1.0E+06	6.0E-03
20	2.58957	5.73E-05	1.5E-04	1.05E-03	1.55E-07	2.27E-01	1.57E-01	5.54E-09	1.0E+06	5.5E-03
21	3.77387	5.73E-05	2.2E-04	1.05E-03	2.26E-07	2.27E-01	1.57E-01	8.07E-09	1.0E+06	8.1E-03
22	3.68703	5.73E-05	2.1E-04	1.05E-03	2.21E-07	2.27E-01	1.57E-01	7.89E-09	1.0E+06	7.9E-03
23	3.53696	5.73E-05	2.0E-04	1.05E-03	2.12E-07	2.27E-01	1.57E-01	7.57E-09	1.0E+06	7.6E-03
24	3.35683	5.73E-05	1.9E-04	1.05E-03	2.01E-07	2.27E-01	1.57E-01	7.18E-09	1.0E+06	7.2E-03
25	3.19191	5.73E-05	1.8E-04	1.05E-03	1.91E-07	2.27E-01	1.57E-01	6.83E-09	1.0E+06	6.8E-03
26	3.07443	5.73E-05	1.8E-04	1.05E-03	1.84E-07	2.27E-01	1.57E-01	6.58E-09	1.0E+06	6.6E-03
27	2.99409	5.73E-05	1.7E-04	1.05E-03	1.79E-07	2.27E-01	1.57E-01	6.40E-09	1.0E+06	6.4E-03
28	2.91515	5.73E-05	1.7E-04	1.05E-03	1.75E-07	2.27E-01	1.57E-01	6.24E-09	1.0E+06	6.2E-03
29	2.80996	5.73E-05	1.6E-04	1.05E-03	1.68E-07	2.27E-01	1.57E-01	6.01E-09	1.0E+06	6.0E-03
30	2.6715	5.73E-05	1.5E-04	1.05E-03	1.60E-07	2.27E-01	1.57E-01	5.71E-09	1.0E+06	5.7E-03

	Max	Receptor #
Res	0.012	1
Park	0.109	488
Total	0.12	1

Berkley WTPF
Plaza Mitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
31	2.50772	5.73E-05	1.4E-04	1.05E-03	1.50E-07	2.27E-01	1.57E-01	5.36E-09	1.0E+06	5.4E-03
32	2.33301	5.73E-05	1.3E-04	1.05E-03	1.40E-07	2.27E-01	1.57E-01	4.99E-09	1.0E+06	5.0E-03
33	2.16175	5.73E-05	1.2E-04	1.05E-03	1.29E-07	2.27E-01	1.57E-01	4.62E-09	1.0E+06	4.6E-03
34	2.0042	5.73E-05	1.1E-04	1.05E-03	1.20E-07	2.27E-01	1.57E-01	4.29E-09	1.0E+06	4.3E-03
35	1.86517	5.73E-05	1.1E-04	1.05E-03	1.12E-07	2.27E-01	1.57E-01	3.99E-09	1.0E+06	4.0E-03
36	1.74487	5.73E-05	1.0E-04	1.05E-03	1.04E-07	2.27E-01	1.57E-01	3.73E-09	1.0E+06	3.7E-03
37	3.1096	5.73E-05	1.8E-04	1.05E-03	1.86E-07	2.27E-01	1.57E-01	6.65E-09	1.0E+06	6.7E-03
38	3.05455	5.73E-05	1.7E-04	1.05E-03	1.83E-07	2.27E-01	1.57E-01	6.53E-09	1.0E+06	6.5E-03
39	2.95966	5.73E-05	1.7E-04	1.05E-03	1.77E-07	2.27E-01	1.57E-01	6.33E-09	1.0E+06	6.3E-03
40	2.82799	5.73E-05	1.6E-04	1.05E-03	1.69E-07	2.27E-01	1.57E-01	6.05E-09	1.0E+06	6.0E-03
41	2.68352	5.73E-05	1.5E-04	1.05E-03	1.61E-07	2.27E-01	1.57E-01	5.74E-09	1.0E+06	5.7E-03
42	2.56548	5.73E-05	1.5E-04	1.05E-03	1.54E-07	2.27E-01	1.57E-01	5.49E-09	1.0E+06	5.5E-03
43	2.49099	5.73E-05	1.4E-04	1.05E-03	1.49E-07	2.27E-01	1.57E-01	5.33E-09	1.0E+06	5.3E-03
44	2.44384	5.73E-05	1.4E-04	1.05E-03	1.46E-07	2.27E-01	1.57E-01	5.23E-09	1.0E+06	5.2E-03
45	2.3951	5.73E-05	1.4E-04	1.05E-03	1.43E-07	2.27E-01	1.57E-01	5.12E-09	1.0E+06	5.1E-03
46	2.32451	5.73E-05	1.3E-04	1.05E-03	1.39E-07	2.27E-01	1.57E-01	4.97E-09	1.0E+06	5.0E-03
47	2.2262	5.73E-05	1.3E-04	1.05E-03	1.33E-07	2.27E-01	1.57E-01	4.76E-09	1.0E+06	4.8E-03
48	2.10489	5.73E-05	1.2E-04	1.05E-03	1.26E-07	2.27E-01	1.57E-01	4.50E-09	1.0E+06	4.5E-03
49	1.97074	5.73E-05	1.1E-04	1.05E-03	1.18E-07	2.27E-01	1.57E-01	4.22E-09	1.0E+06	4.2E-03
50	1.83513	5.73E-05	1.1E-04	1.05E-03	1.10E-07	2.27E-01	1.57E-01	3.93E-09	1.0E+06	3.9E-03
51	1.70714	5.73E-05	9.8E-05	1.05E-03	1.02E-07	2.27E-01	1.57E-01	3.65E-09	1.0E+06	3.7E-03
52	1.59199	5.73E-05	9.1E-05	1.05E-03	9.53E-08	2.27E-01	1.57E-01	3.41E-09	1.0E+06	3.4E-03
53	1.49102	5.73E-05	8.5E-05	1.05E-03	8.93E-08	2.27E-01	1.57E-01	3.19E-09	1.0E+06	3.2E-03
54	1.40406	5.73E-05	8.0E-05	1.05E-03	8.40E-08	2.27E-01	1.57E-01	3.00E-09	1.0E+06	3.0E-03
55	1.32866	5.73E-05	7.6E-05	1.05E-03	7.95E-08	2.27E-01	1.57E-01	2.84E-09	1.0E+06	2.8E-03
56	2.59325	5.73E-05	1.5E-04	1.05E-03	1.55E-07	2.27E-01	1.57E-01	5.55E-09	1.0E+06	5.5E-03
57	2.60161	5.73E-05	1.5E-04	1.05E-03	1.56E-07	2.27E-01	1.57E-01	5.56E-09	1.0E+06	5.6E-03
58	2.5685	5.73E-05	1.5E-04	1.05E-03	1.54E-07	2.27E-01	1.57E-01	5.49E-09	1.0E+06	5.5E-03
59	2.50877	5.73E-05	1.4E-04	1.05E-03	1.50E-07	2.27E-01	1.57E-01	5.37E-09	1.0E+06	5.4E-03
60	2.42014	5.73E-05	1.4E-04	1.05E-03	1.45E-07	2.27E-01	1.57E-01	5.18E-09	1.0E+06	5.2E-03
61	2.30454	5.73E-05	1.3E-04	1.05E-03	1.38E-07	2.27E-01	1.57E-01	4.93E-09	1.0E+06	4.9E-03

Berkley WTPF
Plaza Mitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
62	2.19042	5.73E-05	1.3E-04	1.05E-03	1.31E-07	2.27E-01	1.57E-01	4.69E-09	1.0E+06	4.7E-03
63	2.10781	5.73E-05	1.2E-04	1.05E-03	1.26E-07	2.27E-01	1.57E-01	4.51E-09	1.0E+06	4.5E-03
64	2.06163	5.73E-05	1.2E-04	1.05E-03	1.23E-07	2.27E-01	1.57E-01	4.41E-09	1.0E+06	4.4E-03
65	2.03441	5.73E-05	1.2E-04	1.05E-03	1.22E-07	2.27E-01	1.57E-01	4.35E-09	1.0E+06	4.4E-03
66	2.00408	5.73E-05	1.1E-04	1.05E-03	1.20E-07	2.27E-01	1.57E-01	4.29E-09	1.0E+06	4.3E-03
67	1.95597	5.73E-05	1.1E-04	1.05E-03	1.17E-07	2.27E-01	1.57E-01	4.18E-09	1.0E+06	4.2E-03
68	1.88505	5.73E-05	1.1E-04	1.05E-03	1.13E-07	2.27E-01	1.57E-01	4.03E-09	1.0E+06	4.0E-03
69	1.79385	5.73E-05	1.0E-04	1.05E-03	1.07E-07	2.27E-01	1.57E-01	3.84E-09	1.0E+06	3.8E-03
70	1.68954	5.73E-05	9.7E-05	1.05E-03	1.01E-07	2.27E-01	1.57E-01	3.61E-09	1.0E+06	3.6E-03
71	1.58099	5.73E-05	9.1E-05	1.05E-03	9.46E-08	2.27E-01	1.57E-01	3.38E-09	1.0E+06	3.4E-03
72	1.47592	5.73E-05	8.5E-05	1.05E-03	8.83E-08	2.27E-01	1.57E-01	3.16E-09	1.0E+06	3.2E-03
73	1.37934	5.73E-05	7.9E-05	1.05E-03	8.26E-08	2.27E-01	1.57E-01	2.95E-09	1.0E+06	3.0E-03
74	1.29344	5.73E-05	7.4E-05	1.05E-03	7.74E-08	2.27E-01	1.57E-01	2.77E-09	1.0E+06	2.8E-03
75	1.21846	5.73E-05	7.0E-05	1.05E-03	7.29E-08	2.27E-01	1.57E-01	2.61E-09	1.0E+06	2.6E-03
76	2.19475	5.73E-05	1.3E-04	1.05E-03	1.31E-07	2.27E-01	1.57E-01	4.69E-09	1.0E+06	4.7E-03
77	2.21013	5.73E-05	1.3E-04	1.05E-03	1.32E-07	2.27E-01	1.57E-01	4.73E-09	1.0E+06	4.7E-03
78	2.18895	5.73E-05	1.3E-04	1.05E-03	1.31E-07	2.27E-01	1.57E-01	4.68E-09	1.0E+06	4.7E-03
79	2.14889	5.73E-05	1.2E-04	1.05E-03	1.29E-07	2.27E-01	1.57E-01	4.60E-09	1.0E+06	4.6E-03
80	2.09224	5.73E-05	1.2E-04	1.05E-03	1.25E-07	2.27E-01	1.57E-01	4.48E-09	1.0E+06	4.5E-03
81	2.00854	5.73E-05	1.2E-04	1.05E-03	1.20E-07	2.27E-01	1.57E-01	4.30E-09	1.0E+06	4.3E-03
82	1.90835	5.73E-05	1.1E-04	1.05E-03	1.14E-07	2.27E-01	1.57E-01	4.08E-09	1.0E+06	4.1E-03
83	1.82057	5.73E-05	1.0E-04	1.05E-03	1.09E-07	2.27E-01	1.57E-01	3.89E-09	1.0E+06	3.9E-03
84	1.76429	5.73E-05	1.0E-04	1.05E-03	1.06E-07	2.27E-01	1.57E-01	3.77E-09	1.0E+06	3.8E-03
85	1.73653	5.73E-05	9.9E-05	1.05E-03	1.04E-07	2.27E-01	1.57E-01	3.71E-09	1.0E+06	3.7E-03
86	1.72138	5.73E-05	9.9E-05	1.05E-03	1.03E-07	2.27E-01	1.57E-01	3.68E-09	1.0E+06	3.7E-03
87	1.7026	5.73E-05	9.8E-05	1.05E-03	1.02E-07	2.27E-01	1.57E-01	3.64E-09	1.0E+06	3.6E-03
88	1.66951	5.73E-05	9.6E-05	1.05E-03	9.99E-08	2.27E-01	1.57E-01	3.57E-09	1.0E+06	3.6E-03
89	1.61774	5.73E-05	9.3E-05	1.05E-03	9.68E-08	2.27E-01	1.57E-01	3.46E-09	1.0E+06	3.5E-03
90	1.54837	5.73E-05	8.9E-05	1.05E-03	9.27E-08	2.27E-01	1.57E-01	3.31E-09	1.0E+06	3.3E-03
91	1.46641	5.73E-05	8.4E-05	1.05E-03	8.78E-08	2.27E-01	1.57E-01	3.14E-09	1.0E+06	3.1E-03
92	1.37875	5.73E-05	7.9E-05	1.05E-03	8.25E-08	2.27E-01	1.57E-01	2.95E-09	1.0E+06	2.9E-03

Berkley WTPF
Plaza Mitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
93	1.29185	5.73E-05	7.4E-05	1.05E-03	7.73E-08	2.27E-01	1.57E-01	2.76E-09	1.0E+06	2.8E-03
94	1.21025	5.73E-05	6.9E-05	1.05E-03	7.24E-08	2.27E-01	1.57E-01	2.59E-09	1.0E+06	2.6E-03
95	1.13638	5.73E-05	6.5E-05	1.05E-03	6.80E-08	2.27E-01	1.57E-01	2.43E-09	1.0E+06	2.4E-03
96	1.07101	5.73E-05	6.1E-05	1.05E-03	6.41E-08	2.27E-01	1.57E-01	2.29E-09	1.0E+06	2.3E-03
97	1.01399	5.73E-05	5.8E-05	1.05E-03	6.07E-08	2.27E-01	1.57E-01	2.17E-09	1.0E+06	2.2E-03
98	1.88163	5.73E-05	1.1E-04	1.05E-03	1.13E-07	2.27E-01	1.57E-01	4.02E-09	1.0E+06	4.0E-03
99	1.90164	5.73E-05	1.1E-04	1.05E-03	1.14E-07	2.27E-01	1.57E-01	4.07E-09	1.0E+06	4.1E-03
100	1.88841	5.73E-05	1.1E-04	1.05E-03	1.13E-07	2.27E-01	1.57E-01	4.04E-09	1.0E+06	4.0E-03
101	1.8586	5.73E-05	1.1E-04	1.05E-03	1.11E-07	2.27E-01	1.57E-01	3.98E-09	1.0E+06	4.0E-03
102	1.82196	5.73E-05	1.0E-04	1.05E-03	1.09E-07	2.27E-01	1.57E-01	3.90E-09	1.0E+06	3.9E-03
103	1.76651	5.73E-05	1.0E-04	1.05E-03	1.06E-07	2.27E-01	1.57E-01	3.78E-09	1.0E+06	3.8E-03
104	1.68737	5.73E-05	9.7E-05	1.05E-03	1.01E-07	2.27E-01	1.57E-01	3.61E-09	1.0E+06	3.6E-03
105	1.60296	5.73E-05	9.2E-05	1.05E-03	9.60E-08	2.27E-01	1.57E-01	3.43E-09	1.0E+06	3.4E-03
106	1.53749	5.73E-05	8.8E-05	1.05E-03	9.20E-08	2.27E-01	1.57E-01	3.29E-09	1.0E+06	3.3E-03
107	1.5003	5.73E-05	8.6E-05	1.05E-03	8.98E-08	2.27E-01	1.57E-01	3.21E-09	1.0E+06	3.2E-03
108	1.48439	5.73E-05	8.5E-05	1.05E-03	8.89E-08	2.27E-01	1.57E-01	3.18E-09	1.0E+06	3.2E-03
109	1.47657	5.73E-05	8.5E-05	1.05E-03	8.84E-08	2.27E-01	1.57E-01	3.16E-09	1.0E+06	3.2E-03
110	1.46521	5.73E-05	8.4E-05	1.05E-03	8.77E-08	2.27E-01	1.57E-01	3.13E-09	1.0E+06	3.1E-03
111	1.44243	5.73E-05	8.3E-05	1.05E-03	8.63E-08	2.27E-01	1.57E-01	3.09E-09	1.0E+06	3.1E-03
112	1.40438	5.73E-05	8.0E-05	1.05E-03	8.41E-08	2.27E-01	1.57E-01	3.00E-09	1.0E+06	3.0E-03
113	1.35112	5.73E-05	7.7E-05	1.05E-03	8.09E-08	2.27E-01	1.57E-01	2.89E-09	1.0E+06	2.9E-03
114	1.28611	5.73E-05	7.4E-05	1.05E-03	7.70E-08	2.27E-01	1.57E-01	2.75E-09	1.0E+06	2.8E-03
115	1.21474	5.73E-05	7.0E-05	1.05E-03	7.27E-08	2.27E-01	1.57E-01	2.60E-09	1.0E+06	2.6E-03
116	1.14239	5.73E-05	6.5E-05	1.05E-03	6.84E-08	2.27E-01	1.57E-01	2.44E-09	1.0E+06	2.4E-03
117	1.07312	5.73E-05	6.1E-05	1.05E-03	6.42E-08	2.27E-01	1.57E-01	2.30E-09	1.0E+06	2.3E-03
118	1.0093	5.73E-05	5.8E-05	1.05E-03	6.04E-08	2.27E-01	1.57E-01	2.16E-09	1.0E+06	2.2E-03
119	0.95192	5.73E-05	5.5E-05	1.05E-03	5.70E-08	2.27E-01	1.57E-01	2.04E-09	1.0E+06	2.0E-03
120	0.90116	5.73E-05	5.2E-05	1.05E-03	5.39E-08	2.27E-01	1.57E-01	1.93E-09	1.0E+06	1.9E-03
121	1.59365	5.73E-05	9.1E-05	1.05E-03	9.54E-08	2.27E-01	1.57E-01	3.41E-09	1.0E+06	3.4E-03
122	1.6311	5.73E-05	9.3E-05	1.05E-03	9.76E-08	2.27E-01	1.57E-01	3.49E-09	1.0E+06	3.5E-03
123	1.65406	5.73E-05	9.5E-05	1.05E-03	9.90E-08	2.27E-01	1.57E-01	3.54E-09	1.0E+06	3.5E-03

Berkley WTPF
Plaza Mitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
124	1.64705	5.73E-05	9.4E-05	1.05E-03	9.86E-08	2.27E-01	1.57E-01	3.52E-09	1.0E+06	3.5E-03
125	1.62291	5.73E-05	9.3E-05	1.05E-03	9.71E-08	2.27E-01	1.57E-01	3.47E-09	1.0E+06	3.5E-03
126	1.59683	5.73E-05	9.1E-05	1.05E-03	9.56E-08	2.27E-01	1.57E-01	3.42E-09	1.0E+06	3.4E-03
127	1.56213	5.73E-05	8.9E-05	1.05E-03	9.35E-08	2.27E-01	1.57E-01	3.34E-09	1.0E+06	3.3E-03
128	1.50577	5.73E-05	8.6E-05	1.05E-03	9.01E-08	2.27E-01	1.57E-01	3.22E-09	1.0E+06	3.2E-03
129	1.43284	5.73E-05	8.2E-05	1.05E-03	8.58E-08	2.27E-01	1.57E-01	3.06E-09	1.0E+06	3.1E-03
130	1.36419	5.73E-05	7.8E-05	1.05E-03	8.17E-08	2.27E-01	1.57E-01	2.92E-09	1.0E+06	2.9E-03
131	1.31688	5.73E-05	7.5E-05	1.05E-03	7.88E-08	2.27E-01	1.57E-01	2.82E-09	1.0E+06	2.8E-03
132	1.29317	5.73E-05	7.4E-05	1.05E-03	7.74E-08	2.27E-01	1.57E-01	2.77E-09	1.0E+06	2.8E-03
133	1.28479	5.73E-05	7.4E-05	1.05E-03	7.69E-08	2.27E-01	1.57E-01	2.75E-09	1.0E+06	2.7E-03
134	1.28147	5.73E-05	7.3E-05	1.05E-03	7.67E-08	2.27E-01	1.57E-01	2.74E-09	1.0E+06	2.7E-03
135	1.275	5.73E-05	7.3E-05	1.05E-03	7.63E-08	2.27E-01	1.57E-01	2.73E-09	1.0E+06	2.7E-03
136	1.25946	5.73E-05	7.2E-05	1.05E-03	7.54E-08	2.27E-01	1.57E-01	2.69E-09	1.0E+06	2.7E-03
137	1.23138	5.73E-05	7.1E-05	1.05E-03	7.37E-08	2.27E-01	1.57E-01	2.63E-09	1.0E+06	2.6E-03
138	1.19017	5.73E-05	6.8E-05	1.05E-03	7.12E-08	2.27E-01	1.57E-01	2.55E-09	1.0E+06	2.5E-03
139	1.13816	5.73E-05	6.5E-05	1.05E-03	6.81E-08	2.27E-01	1.57E-01	2.43E-09	1.0E+06	2.4E-03
140	1.07959	5.73E-05	6.2E-05	1.05E-03	6.46E-08	2.27E-01	1.57E-01	2.31E-09	1.0E+06	2.3E-03
141	1.019	5.73E-05	5.8E-05	1.05E-03	6.10E-08	2.27E-01	1.57E-01	2.18E-09	1.0E+06	2.2E-03
142	0.95996	5.73E-05	5.5E-05	1.05E-03	5.75E-08	2.27E-01	1.57E-01	2.05E-09	1.0E+06	2.1E-03
143	0.90466	5.73E-05	5.2E-05	1.05E-03	5.42E-08	2.27E-01	1.57E-01	1.94E-09	1.0E+06	1.9E-03
144	0.854	5.73E-05	4.9E-05	1.05E-03	5.11E-08	2.27E-01	1.57E-01	1.83E-09	1.0E+06	1.8E-03
145	1.39319	5.73E-05	8.0E-05	1.05E-03	8.34E-08	2.27E-01	1.57E-01	2.98E-09	1.0E+06	3.0E-03
146	1.42753	5.73E-05	8.2E-05	1.05E-03	8.55E-08	2.27E-01	1.57E-01	3.05E-09	1.0E+06	3.1E-03
147	1.45215	5.73E-05	8.3E-05	1.05E-03	8.69E-08	2.27E-01	1.57E-01	3.11E-09	1.0E+06	3.1E-03
148	1.45039	5.73E-05	8.3E-05	1.05E-03	8.68E-08	2.27E-01	1.57E-01	3.10E-09	1.0E+06	3.1E-03
149	1.43023	5.73E-05	8.2E-05	1.05E-03	8.56E-08	2.27E-01	1.57E-01	3.06E-09	1.0E+06	3.1E-03
150	1.40888	5.73E-05	8.1E-05	1.05E-03	8.43E-08	2.27E-01	1.57E-01	3.01E-09	1.0E+06	3.0E-03
151	1.38688	5.73E-05	7.9E-05	1.05E-03	8.30E-08	2.27E-01	1.57E-01	2.97E-09	1.0E+06	3.0E-03
152	1.35038	5.73E-05	7.7E-05	1.05E-03	8.08E-08	2.27E-01	1.57E-01	2.89E-09	1.0E+06	2.9E-03
153	1.29368	5.73E-05	7.4E-05	1.05E-03	7.74E-08	2.27E-01	1.57E-01	2.77E-09	1.0E+06	2.8E-03
154	1.22905	5.73E-05	7.0E-05	1.05E-03	7.36E-08	2.27E-01	1.57E-01	2.63E-09	1.0E+06	2.6E-03

Berkley WTPF
Plaza Mitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
155	1.17517	5.73E-05	6.7E-05	1.05E-03	7.03E-08	2.27E-01	1.57E-01	2.51E-09	1.0E+06	2.5E-03
156	1.14209	5.73E-05	6.5E-05	1.05E-03	6.84E-08	2.27E-01	1.57E-01	2.44E-09	1.0E+06	2.4E-03
157	1.12771	5.73E-05	6.5E-05	1.05E-03	6.75E-08	2.27E-01	1.57E-01	2.41E-09	1.0E+06	2.4E-03
158	1.12406	5.73E-05	6.4E-05	1.05E-03	6.73E-08	2.27E-01	1.57E-01	2.40E-09	1.0E+06	2.4E-03
159	1.12351	5.73E-05	6.4E-05	1.05E-03	6.73E-08	2.27E-01	1.57E-01	2.40E-09	1.0E+06	2.4E-03
160	1.12028	5.73E-05	6.4E-05	1.05E-03	6.71E-08	2.27E-01	1.57E-01	2.40E-09	1.0E+06	2.4E-03
161	1.10988	5.73E-05	6.4E-05	1.05E-03	6.64E-08	2.27E-01	1.57E-01	2.37E-09	1.0E+06	2.4E-03
162	1.08914	5.73E-05	6.2E-05	1.05E-03	6.52E-08	2.27E-01	1.57E-01	2.33E-09	1.0E+06	2.3E-03
163	1.05708	5.73E-05	6.1E-05	1.05E-03	6.33E-08	2.27E-01	1.57E-01	2.26E-09	1.0E+06	2.3E-03
164	1.01517	5.73E-05	5.8E-05	1.05E-03	6.08E-08	2.27E-01	1.57E-01	2.17E-09	1.0E+06	2.2E-03
165	0.96677	5.73E-05	5.5E-05	1.05E-03	5.79E-08	2.27E-01	1.57E-01	2.07E-09	1.0E+06	2.1E-03
166	0.9157	5.73E-05	5.2E-05	1.05E-03	5.48E-08	2.27E-01	1.57E-01	1.96E-09	1.0E+06	2.0E-03
167	0.86518	5.73E-05	5.0E-05	1.05E-03	5.18E-08	2.27E-01	1.57E-01	1.85E-09	1.0E+06	1.9E-03
168	1.22863	5.73E-05	7.0E-05	1.05E-03	7.35E-08	2.27E-01	1.57E-01	2.63E-09	1.0E+06	2.6E-03
169	1.2599	5.73E-05	7.2E-05	1.05E-03	7.54E-08	2.27E-01	1.57E-01	2.69E-09	1.0E+06	2.7E-03
170	1.28517	5.73E-05	7.4E-05	1.05E-03	7.69E-08	2.27E-01	1.57E-01	2.75E-09	1.0E+06	2.7E-03
171	1.28786	5.73E-05	7.4E-05	1.05E-03	7.71E-08	2.27E-01	1.57E-01	2.75E-09	1.0E+06	2.8E-03
172	1.2713	5.73E-05	7.3E-05	1.05E-03	7.61E-08	2.27E-01	1.57E-01	2.72E-09	1.0E+06	2.7E-03
173	1.25187	5.73E-05	7.2E-05	1.05E-03	7.49E-08	2.27E-01	1.57E-01	2.68E-09	1.0E+06	2.7E-03
174	1.23619	5.73E-05	7.1E-05	1.05E-03	7.40E-08	2.27E-01	1.57E-01	2.64E-09	1.0E+06	2.6E-03
175	1.21418	5.73E-05	7.0E-05	1.05E-03	7.27E-08	2.27E-01	1.57E-01	2.60E-09	1.0E+06	2.6E-03
176	1.17446	5.73E-05	6.7E-05	1.05E-03	7.03E-08	2.27E-01	1.57E-01	2.51E-09	1.0E+06	2.5E-03
177	1.11966	5.73E-05	6.4E-05	1.05E-03	6.70E-08	2.27E-01	1.57E-01	2.40E-09	1.0E+06	2.4E-03
178	1.06467	5.73E-05	6.1E-05	1.05E-03	6.37E-08	2.27E-01	1.57E-01	2.28E-09	1.0E+06	2.3E-03
179	1.0238	5.73E-05	5.9E-05	1.05E-03	6.13E-08	2.27E-01	1.57E-01	2.19E-09	1.0E+06	2.2E-03
180	1.0015	5.73E-05	5.7E-05	1.05E-03	6.00E-08	2.27E-01	1.57E-01	2.14E-09	1.0E+06	2.1E-03
181	0.99343	5.73E-05	5.7E-05	1.05E-03	5.95E-08	2.27E-01	1.57E-01	2.13E-09	1.0E+06	2.1E-03
182	0.9927	5.73E-05	5.7E-05	1.05E-03	5.94E-08	2.27E-01	1.57E-01	2.12E-09	1.0E+06	2.1E-03
183	0.99382	5.73E-05	5.7E-05	1.05E-03	5.95E-08	2.27E-01	1.57E-01	2.13E-09	1.0E+06	2.1E-03
184	0.99274	5.73E-05	5.7E-05	1.05E-03	5.94E-08	2.27E-01	1.57E-01	2.12E-09	1.0E+06	2.1E-03
185	0.98601	5.73E-05	5.6E-05	1.05E-03	5.90E-08	2.27E-01	1.57E-01	2.11E-09	1.0E+06	2.1E-03

Berkley WTPF
Plaza Mitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
186	0.97078	5.73E-05	5.6E-05	1.05E-03	5.81E-08	2.27E-01	1.57E-01	2.08E-09	1.0E+06	2.1E-03
187	0.94575	5.73E-05	5.4E-05	1.05E-03	5.66E-08	2.27E-01	1.57E-01	2.02E-09	1.0E+06	2.0E-03
188	0.91178	5.73E-05	5.2E-05	1.05E-03	5.46E-08	2.27E-01	1.57E-01	1.95E-09	1.0E+06	2.0E-03
189	0.8715	5.73E-05	5.0E-05	1.05E-03	5.22E-08	2.27E-01	1.57E-01	1.86E-09	1.0E+06	1.9E-03
190	0.82685	5.73E-05	4.7E-05	1.05E-03	4.95E-08	2.27E-01	1.57E-01	1.77E-09	1.0E+06	1.8E-03
191	1.09451	5.73E-05	6.3E-05	1.05E-03	6.55E-08	2.27E-01	1.57E-01	2.34E-09	1.0E+06	2.3E-03
192	1.12037	5.73E-05	6.4E-05	1.05E-03	6.71E-08	2.27E-01	1.57E-01	2.40E-09	1.0E+06	2.4E-03
193	1.14539	5.73E-05	6.6E-05	1.05E-03	6.86E-08	2.27E-01	1.57E-01	2.45E-09	1.0E+06	2.5E-03
194	1.15173	5.73E-05	6.6E-05	1.05E-03	6.89E-08	2.27E-01	1.57E-01	2.46E-09	1.0E+06	2.5E-03
195	1.13881	5.73E-05	6.5E-05	1.05E-03	6.82E-08	2.27E-01	1.57E-01	2.44E-09	1.0E+06	2.4E-03
196	1.12044	5.73E-05	6.4E-05	1.05E-03	6.71E-08	2.27E-01	1.57E-01	2.40E-09	1.0E+06	2.4E-03
197	1.10702	5.73E-05	6.3E-05	1.05E-03	6.63E-08	2.27E-01	1.57E-01	2.37E-09	1.0E+06	2.4E-03
198	1.09389	5.73E-05	6.3E-05	1.05E-03	6.55E-08	2.27E-01	1.57E-01	2.34E-09	1.0E+06	2.3E-03
199	1.06876	5.73E-05	6.1E-05	1.05E-03	6.40E-08	2.27E-01	1.57E-01	2.29E-09	1.0E+06	2.3E-03
200	1.0268	5.73E-05	5.9E-05	1.05E-03	6.15E-08	2.27E-01	1.57E-01	2.20E-09	1.0E+06	2.2E-03
201	0.8868	5.73E-05	5.1E-05	1.05E-03	5.31E-08	2.27E-01	1.57E-01	1.90E-09	1.0E+06	1.9E-03
202	0.8829	5.73E-05	5.1E-05	1.05E-03	5.29E-08	2.27E-01	1.57E-01	1.89E-09	1.0E+06	1.9E-03
203	0.88391	5.73E-05	5.1E-05	1.05E-03	5.29E-08	2.27E-01	1.57E-01	1.89E-09	1.0E+06	1.9E-03
204	0.88598	5.73E-05	5.1E-05	1.05E-03	5.30E-08	2.27E-01	1.57E-01	1.90E-09	1.0E+06	1.9E-03
205	0.88635	5.73E-05	5.1E-05	1.05E-03	5.31E-08	2.27E-01	1.57E-01	1.90E-09	1.0E+06	1.9E-03
206	0.8823	5.73E-05	5.1E-05	1.05E-03	5.28E-08	2.27E-01	1.57E-01	1.89E-09	1.0E+06	1.9E-03
207	0.87123	5.73E-05	5.0E-05	1.05E-03	5.22E-08	2.27E-01	1.57E-01	1.86E-09	1.0E+06	1.9E-03
208	0.85167	5.73E-05	4.9E-05	1.05E-03	5.10E-08	2.27E-01	1.57E-01	1.82E-09	1.0E+06	1.8E-03
209	0.824	5.73E-05	4.7E-05	1.05E-03	4.93E-08	2.27E-01	1.57E-01	1.76E-09	1.0E+06	1.8E-03
210	0.78727	5.73E-05	4.5E-05	1.05E-03	4.71E-08	2.27E-01	1.57E-01	1.68E-09	1.0E+06	1.7E-03
211	0.98016	5.73E-05	5.6E-05	1.05E-03	5.87E-08	2.27E-01	1.57E-01	2.10E-09	1.0E+06	2.1E-03
212	1.0026	5.73E-05	5.7E-05	1.05E-03	6.00E-08	2.27E-01	1.57E-01	2.14E-09	1.0E+06	2.1E-03
213	1.02718	5.73E-05	5.9E-05	1.05E-03	6.15E-08	2.27E-01	1.57E-01	2.20E-09	1.0E+06	2.2E-03
214	1.03635	5.73E-05	5.9E-05	1.05E-03	6.20E-08	2.27E-01	1.57E-01	2.22E-09	1.0E+06	2.2E-03
215	1.0271	5.73E-05	5.9E-05	1.05E-03	6.15E-08	2.27E-01	1.57E-01	2.20E-09	1.0E+06	2.2E-03
216	1.0099	5.73E-05	5.8E-05	1.05E-03	6.05E-08	2.27E-01	1.57E-01	2.16E-09	1.0E+06	2.2E-03

Berkley WTPF
Plaza Mitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
217	0.99668	5.73E-05	5.7E-05	1.05E-03	5.97E-08	2.27E-01	1.57E-01	2.13E-09	1.0E+06	2.1E-03
218	0.98789	5.73E-05	5.7E-05	1.05E-03	5.91E-08	2.27E-01	1.57E-01	2.11E-09	1.0E+06	2.1E-03
219	0.97342	5.73E-05	5.6E-05	1.05E-03	5.83E-08	2.27E-01	1.57E-01	2.08E-09	1.0E+06	2.1E-03
220	0.79074	5.73E-05	4.5E-05	1.05E-03	4.73E-08	2.27E-01	1.57E-01	1.69E-09	1.0E+06	1.7E-03
221	0.79274	5.73E-05	4.5E-05	1.05E-03	4.75E-08	2.27E-01	1.57E-01	1.70E-09	1.0E+06	1.7E-03
222	0.79535	5.73E-05	4.6E-05	1.05E-03	4.76E-08	2.27E-01	1.57E-01	1.70E-09	1.0E+06	1.7E-03
223	0.79668	5.73E-05	4.6E-05	1.05E-03	4.77E-08	2.27E-01	1.57E-01	1.70E-09	1.0E+06	1.7E-03
224	0.79458	5.73E-05	4.6E-05	1.05E-03	4.76E-08	2.27E-01	1.57E-01	1.70E-09	1.0E+06	1.7E-03
225	0.78669	5.73E-05	4.5E-05	1.05E-03	4.71E-08	2.27E-01	1.57E-01	1.68E-09	1.0E+06	1.7E-03
226	0.77147	5.73E-05	4.4E-05	1.05E-03	4.62E-08	2.27E-01	1.57E-01	1.65E-09	1.0E+06	1.7E-03
227	0.88505	5.73E-05	5.1E-05	1.05E-03	5.30E-08	2.27E-01	1.57E-01	1.89E-09	1.0E+06	1.9E-03
228	0.88231	5.73E-05	5.1E-05	1.05E-03	5.28E-08	2.27E-01	1.57E-01	1.89E-09	1.0E+06	1.9E-03
229	0.90278	5.73E-05	5.2E-05	1.05E-03	5.40E-08	2.27E-01	1.57E-01	1.93E-09	1.0E+06	1.9E-03
230	0.92633	5.73E-05	5.3E-05	1.05E-03	5.55E-08	2.27E-01	1.57E-01	1.98E-09	1.0E+06	2.0E-03
231	0.93757	5.73E-05	5.4E-05	1.05E-03	5.61E-08	2.27E-01	1.57E-01	2.01E-09	1.0E+06	2.0E-03
232	0.93183	5.73E-05	5.3E-05	1.05E-03	5.58E-08	2.27E-01	1.57E-01	1.99E-09	1.0E+06	2.0E-03
233	0.91625	5.73E-05	5.2E-05	1.05E-03	5.48E-08	2.27E-01	1.57E-01	1.96E-09	1.0E+06	2.0E-03
234	0.90257	5.73E-05	5.2E-05	1.05E-03	5.40E-08	2.27E-01	1.57E-01	1.93E-09	1.0E+06	1.9E-03
235	0.89507	5.73E-05	5.1E-05	1.05E-03	5.36E-08	2.27E-01	1.57E-01	1.91E-09	1.0E+06	1.9E-03
236	0.88721	5.73E-05	5.1E-05	1.05E-03	5.31E-08	2.27E-01	1.57E-01	1.90E-09	1.0E+06	1.9E-03
237	0.71738	5.73E-05	4.1E-05	1.05E-03	4.29E-08	2.27E-01	1.57E-01	1.53E-09	1.0E+06	1.5E-03
238	0.71258	5.73E-05	4.1E-05	1.05E-03	4.27E-08	2.27E-01	1.57E-01	1.52E-09	1.0E+06	1.5E-03
239	0.71304	5.73E-05	4.1E-05	1.05E-03	4.27E-08	2.27E-01	1.57E-01	1.53E-09	1.0E+06	1.5E-03
240	0.71555	5.73E-05	4.1E-05	1.05E-03	4.28E-08	2.27E-01	1.57E-01	1.53E-09	1.0E+06	1.5E-03
241	0.71843	5.73E-05	4.1E-05	1.05E-03	4.30E-08	2.27E-01	1.57E-01	1.54E-09	1.0E+06	1.5E-03
242	0.7204	5.73E-05	4.1E-05	1.05E-03	4.31E-08	2.27E-01	1.57E-01	1.54E-09	1.0E+06	1.5E-03
243	0.71982	5.73E-05	4.1E-05	1.05E-03	4.31E-08	2.27E-01	1.57E-01	1.54E-09	1.0E+06	1.5E-03
244	0.71386	5.73E-05	4.1E-05	1.05E-03	4.27E-08	2.27E-01	1.57E-01	1.53E-09	1.0E+06	1.5E-03
245	0.81733	5.73E-05	4.7E-05	1.05E-03	4.89E-08	2.27E-01	1.57E-01	1.75E-09	1.0E+06	1.7E-03
246	0.83962	5.73E-05	4.8E-05	1.05E-03	5.03E-08	2.27E-01	1.57E-01	1.80E-09	1.0E+06	1.8E-03
247	0.85225	5.73E-05	4.9E-05	1.05E-03	5.10E-08	2.27E-01	1.57E-01	1.82E-09	1.0E+06	1.8E-03

Berkley WTPF
Plaza Mitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
248	0.8497	5.73E-05	4.9E-05	1.05E-03	5.09E-08	2.27E-01	1.57E-01	1.82E-09	1.0E+06	1.8E-03
249	0.8362	5.73E-05	4.8E-05	1.05E-03	5.01E-08	2.27E-01	1.57E-01	1.79E-09	1.0E+06	1.8E-03
250	0.82215	5.73E-05	4.7E-05	1.05E-03	4.92E-08	2.27E-01	1.57E-01	1.76E-09	1.0E+06	1.8E-03
251	0.81427	5.73E-05	4.7E-05	1.05E-03	4.87E-08	2.27E-01	1.57E-01	1.74E-09	1.0E+06	1.7E-03
252	0.8097	5.73E-05	4.6E-05	1.05E-03	4.85E-08	2.27E-01	1.57E-01	1.73E-09	1.0E+06	1.7E-03
253	0.65695	5.73E-05	3.8E-05	1.05E-03	3.93E-08	2.27E-01	1.57E-01	1.41E-09	1.0E+06	1.4E-03
254	0.6475	5.73E-05	3.7E-05	1.05E-03	3.88E-08	2.27E-01	1.57E-01	1.39E-09	1.0E+06	1.4E-03
255	0.64539	5.73E-05	3.7E-05	1.05E-03	3.86E-08	2.27E-01	1.57E-01	1.38E-09	1.0E+06	1.4E-03
256	0.64686	5.73E-05	3.7E-05	1.05E-03	3.87E-08	2.27E-01	1.57E-01	1.38E-09	1.0E+06	1.4E-03
257	0.6496	5.73E-05	3.7E-05	1.05E-03	3.89E-08	2.27E-01	1.57E-01	1.39E-09	1.0E+06	1.4E-03
258	0.65257	5.73E-05	3.7E-05	1.05E-03	3.91E-08	2.27E-01	1.57E-01	1.40E-09	1.0E+06	1.4E-03
259	0.65499	5.73E-05	3.8E-05	1.05E-03	3.92E-08	2.27E-01	1.57E-01	1.40E-09	1.0E+06	1.4E-03
260	0.75313	5.73E-05	4.3E-05	1.05E-03	4.51E-08	2.27E-01	1.57E-01	1.61E-09	1.0E+06	1.6E-03
261	0.74421	5.73E-05	4.3E-05	1.05E-03	4.45E-08	2.27E-01	1.57E-01	1.59E-09	1.0E+06	1.6E-03
262	0.63332	5.73E-05	3.6E-05	1.05E-03	3.79E-08	2.27E-01	1.57E-01	1.35E-09	1.0E+06	1.4E-03
263	0.60853	5.73E-05	3.5E-05	1.05E-03	3.64E-08	2.27E-01	1.57E-01	1.30E-09	1.0E+06	1.3E-03
264	0.594	5.73E-05	3.4E-05	1.05E-03	3.56E-08	2.27E-01	1.57E-01	1.27E-09	1.0E+06	1.3E-03
265	0.58828	5.73E-05	3.4E-05	1.05E-03	3.52E-08	2.27E-01	1.57E-01	1.26E-09	1.0E+06	1.3E-03
266	0.58795	5.73E-05	3.4E-05	1.05E-03	3.52E-08	2.27E-01	1.57E-01	1.26E-09	1.0E+06	1.3E-03
267	0.59	5.73E-05	3.4E-05	1.05E-03	3.53E-08	2.27E-01	1.57E-01	1.26E-09	1.0E+06	1.3E-03
268	0.5928	5.73E-05	3.4E-05	1.05E-03	3.55E-08	2.27E-01	1.57E-01	1.27E-09	1.0E+06	1.3E-03
269	0.5955	5.73E-05	3.4E-05	1.05E-03	3.56E-08	2.27E-01	1.57E-01	1.27E-09	1.0E+06	1.3E-03
270	0.59709	5.73E-05	3.4E-05	1.05E-03	3.57E-08	2.27E-01	1.57E-01	1.28E-09	1.0E+06	1.3E-03
271	0.56982	5.73E-05	3.3E-05	1.05E-03	3.41E-08	2.27E-01	1.57E-01	1.22E-09	1.0E+06	1.2E-03
272	0.55067	5.73E-05	3.2E-05	1.05E-03	3.30E-08	2.27E-01	1.57E-01	1.18E-09	1.0E+06	1.2E-03
273	0.54064	5.73E-05	3.1E-05	1.05E-03	3.24E-08	2.27E-01	1.57E-01	1.16E-09	1.0E+06	1.2E-03
274	0.5376	5.73E-05	3.1E-05	1.05E-03	3.22E-08	2.27E-01	1.57E-01	1.15E-09	1.0E+06	1.1E-03
275	0.53842	5.73E-05	3.1E-05	1.05E-03	3.22E-08	2.27E-01	1.57E-01	1.15E-09	1.0E+06	1.2E-03
276	0.54069	5.73E-05	3.1E-05	1.05E-03	3.24E-08	2.27E-01	1.57E-01	1.16E-09	1.0E+06	1.2E-03
277	0.709	5.73E-05	4.1E-05	1.05E-03	4.24E-08	2.27E-01	1.57E-01	1.52E-09	1.0E+06	1.5E-03
278	0.66982	5.73E-05	3.8E-05	1.05E-03	4.01E-08	2.27E-01	1.57E-01	1.43E-09	1.0E+06	1.4E-03

Berkley WTPF
Plaza Mitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
279	0.63113	5.73E-05	3.6E-05	1.05E-03	3.78E-08	2.27E-01	1.57E-01	1.35E-09	1.0E+06	1.4E-03
280	0.60994	5.73E-05	3.5E-05	1.05E-03	3.65E-08	2.27E-01	1.57E-01	1.30E-09	1.0E+06	1.3E-03
281	0.60967	5.73E-05	3.5E-05	1.05E-03	3.65E-08	2.27E-01	1.57E-01	1.30E-09	1.0E+06	1.3E-03
282	0.59207	5.73E-05	3.4E-05	1.05E-03	3.54E-08	2.27E-01	1.57E-01	1.27E-09	1.0E+06	1.3E-03
283	0.56571	5.73E-05	3.2E-05	1.05E-03	3.39E-08	2.27E-01	1.57E-01	1.21E-09	1.0E+06	1.2E-03
284	0.53835	5.73E-05	3.1E-05	1.05E-03	3.22E-08	2.27E-01	1.57E-01	1.15E-09	1.0E+06	1.2E-03
285	0.51592	5.73E-05	3.0E-05	1.05E-03	3.09E-08	2.27E-01	1.57E-01	1.10E-09	1.0E+06	1.1E-03
286	0.50157	5.73E-05	2.9E-05	1.05E-03	3.00E-08	2.27E-01	1.57E-01	1.07E-09	1.0E+06	1.1E-03
287	0.495	5.73E-05	2.8E-05	1.05E-03	2.96E-08	2.27E-01	1.57E-01	1.06E-09	1.0E+06	1.1E-03
288	0.49383	5.73E-05	2.8E-05	1.05E-03	2.96E-08	2.27E-01	1.57E-01	1.06E-09	1.0E+06	1.1E-03
289	0.49472	5.73E-05	2.8E-05	1.05E-03	2.96E-08	2.27E-01	1.57E-01	1.06E-09	1.0E+06	1.1E-03
290	0.67039	5.73E-05	3.8E-05	1.05E-03	4.01E-08	2.27E-01	1.57E-01	1.43E-09	1.0E+06	1.4E-03
291	0.65301	5.73E-05	3.7E-05	1.05E-03	3.91E-08	2.27E-01	1.57E-01	1.40E-09	1.0E+06	1.4E-03
292	0.61512	5.73E-05	3.5E-05	1.05E-03	3.68E-08	2.27E-01	1.57E-01	1.32E-09	1.0E+06	1.3E-03
293	0.5803	5.73E-05	3.3E-05	1.05E-03	3.47E-08	2.27E-01	1.57E-01	1.24E-09	1.0E+06	1.2E-03
294	0.56177	5.73E-05	3.2E-05	1.05E-03	3.36E-08	2.27E-01	1.57E-01	1.20E-09	1.0E+06	1.2E-03
295	0.56181	5.73E-05	3.2E-05	1.05E-03	3.36E-08	2.27E-01	1.57E-01	1.20E-09	1.0E+06	1.2E-03
296	0.57475	5.73E-05	3.3E-05	1.05E-03	3.44E-08	2.27E-01	1.57E-01	1.23E-09	1.0E+06	1.2E-03
297	0.59165	5.73E-05	3.4E-05	1.05E-03	3.54E-08	2.27E-01	1.57E-01	1.27E-09	1.0E+06	1.3E-03
298	0.60523	5.73E-05	3.5E-05	1.05E-03	3.62E-08	2.27E-01	1.57E-01	1.29E-09	1.0E+06	1.3E-03
299	0.61092	5.73E-05	3.5E-05	1.05E-03	3.66E-08	2.27E-01	1.57E-01	1.31E-09	1.0E+06	1.3E-03
300	0.60696	5.73E-05	3.5E-05	1.05E-03	3.63E-08	2.27E-01	1.57E-01	1.30E-09	1.0E+06	1.3E-03
301	0.5582	5.73E-05	3.2E-05	1.05E-03	3.34E-08	2.27E-01	1.57E-01	1.19E-09	1.0E+06	1.2E-03
302	0.53708	5.73E-05	3.1E-05	1.05E-03	3.22E-08	2.27E-01	1.57E-01	1.15E-09	1.0E+06	1.1E-03
303	0.51177	5.73E-05	2.9E-05	1.05E-03	3.06E-08	2.27E-01	1.57E-01	1.09E-09	1.0E+06	1.1E-03
304	0.48792	5.73E-05	2.8E-05	1.05E-03	2.92E-08	2.27E-01	1.57E-01	1.04E-09	1.0E+06	1.0E-03
305	0.46999	5.73E-05	2.7E-05	1.05E-03	2.81E-08	2.27E-01	1.57E-01	1.01E-09	1.0E+06	1.0E-03
306	0.45958	5.73E-05	2.6E-05	1.05E-03	2.75E-08	2.27E-01	1.57E-01	9.83E-10	1.0E+06	9.8E-04
307	0.4556	5.73E-05	2.6E-05	1.05E-03	2.73E-08	2.27E-01	1.57E-01	9.75E-10	1.0E+06	9.7E-04
308	0.62436	5.73E-05	3.6E-05	1.05E-03	3.74E-08	2.27E-01	1.57E-01	1.34E-09	1.0E+06	1.3E-03
309	0.60295	5.73E-05	3.5E-05	1.05E-03	3.61E-08	2.27E-01	1.57E-01	1.29E-09	1.0E+06	1.3E-03

Berkley WTPF
Plaza Mitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
310	0.56681	5.73E-05	3.2E-05	1.05E-03	3.39E-08	2.27E-01	1.57E-01	1.21E-09	1.0E+06	1.2E-03
311	0.53553	5.73E-05	3.1E-05	1.05E-03	3.21E-08	2.27E-01	1.57E-01	1.15E-09	1.0E+06	1.1E-03
312	0.51927	5.73E-05	3.0E-05	1.05E-03	3.11E-08	2.27E-01	1.57E-01	1.11E-09	1.0E+06	1.1E-03
313	0.51956	5.73E-05	3.0E-05	1.05E-03	3.11E-08	2.27E-01	1.57E-01	1.11E-09	1.0E+06	1.1E-03
314	0.53143	5.73E-05	3.0E-05	1.05E-03	3.18E-08	2.27E-01	1.57E-01	1.14E-09	1.0E+06	1.1E-03
315	0.54713	5.73E-05	3.1E-05	1.05E-03	3.28E-08	2.27E-01	1.57E-01	1.17E-09	1.0E+06	1.2E-03
316	0.56031	5.73E-05	3.2E-05	1.05E-03	3.35E-08	2.27E-01	1.57E-01	1.20E-09	1.0E+06	1.2E-03
317	0.56696	5.73E-05	3.2E-05	1.05E-03	3.39E-08	2.27E-01	1.57E-01	1.21E-09	1.0E+06	1.2E-03
318	0.56502	5.73E-05	3.2E-05	1.05E-03	3.38E-08	2.27E-01	1.57E-01	1.21E-09	1.0E+06	1.2E-03
319	0.55588	5.73E-05	3.2E-05	1.05E-03	3.33E-08	2.27E-01	1.57E-01	1.19E-09	1.0E+06	1.2E-03
320	0.54482	5.73E-05	3.1E-05	1.05E-03	3.26E-08	2.27E-01	1.57E-01	1.17E-09	1.0E+06	1.2E-03
321	0.53731	5.73E-05	3.1E-05	1.05E-03	3.22E-08	2.27E-01	1.57E-01	1.15E-09	1.0E+06	1.1E-03
322	0.53497	5.73E-05	3.1E-05	1.05E-03	3.20E-08	2.27E-01	1.57E-01	1.14E-09	1.0E+06	1.1E-03
323	0.52541	5.73E-05	3.0E-05	1.05E-03	3.15E-08	2.27E-01	1.57E-01	1.12E-09	1.0E+06	1.1E-03
324	0.50982	5.73E-05	2.9E-05	1.05E-03	3.05E-08	2.27E-01	1.57E-01	1.09E-09	1.0E+06	1.1E-03
325	0.48815	5.73E-05	2.8E-05	1.05E-03	2.92E-08	2.27E-01	1.57E-01	1.04E-09	1.0E+06	1.0E-03
326	0.46478	5.73E-05	2.7E-05	1.05E-03	2.78E-08	2.27E-01	1.57E-01	9.94E-10	1.0E+06	9.9E-04
327	0.4446	5.73E-05	2.5E-05	1.05E-03	2.66E-08	2.27E-01	1.57E-01	9.51E-10	1.0E+06	9.5E-04
328	0.43065	5.73E-05	2.5E-05	1.05E-03	2.58E-08	2.27E-01	1.57E-01	9.21E-10	1.0E+06	9.2E-04
329	0.42338	5.73E-05	2.4E-05	1.05E-03	2.53E-08	2.27E-01	1.57E-01	9.06E-10	1.0E+06	9.1E-04
330	0.58197	5.73E-05	3.3E-05	1.05E-03	3.48E-08	2.27E-01	1.57E-01	1.24E-09	1.0E+06	1.2E-03
331	0.55802	5.73E-05	3.2E-05	1.05E-03	3.34E-08	2.27E-01	1.57E-01	1.19E-09	1.0E+06	1.2E-03
332	0.52397	5.73E-05	3.0E-05	1.05E-03	3.14E-08	2.27E-01	1.57E-01	1.12E-09	1.0E+06	1.1E-03
333	0.4959	5.73E-05	2.8E-05	1.05E-03	2.97E-08	2.27E-01	1.57E-01	1.06E-09	1.0E+06	1.1E-03
334	0.48161	5.73E-05	2.8E-05	1.05E-03	2.88E-08	2.27E-01	1.57E-01	1.03E-09	1.0E+06	1.0E-03
335	0.48209	5.73E-05	2.8E-05	1.05E-03	2.89E-08	2.27E-01	1.57E-01	1.03E-09	1.0E+06	1.0E-03
336	0.49301	5.73E-05	2.8E-05	1.05E-03	2.95E-08	2.27E-01	1.57E-01	1.05E-09	1.0E+06	1.1E-03
337	0.50759	5.73E-05	2.9E-05	1.05E-03	3.04E-08	2.27E-01	1.57E-01	1.09E-09	1.0E+06	1.1E-03
338	0.52026	5.73E-05	3.0E-05	1.05E-03	3.11E-08	2.27E-01	1.57E-01	1.11E-09	1.0E+06	1.1E-03
339	0.52756	5.73E-05	3.0E-05	1.05E-03	3.16E-08	2.27E-01	1.57E-01	1.13E-09	1.0E+06	1.1E-03
340	0.52733	5.73E-05	3.0E-05	1.05E-03	3.16E-08	2.27E-01	1.57E-01	1.13E-09	1.0E+06	1.1E-03

Berkley WTPF
Plaza Mitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
341	0.51995	5.73E-05	3.0E-05	1.05E-03	3.11E-08	2.27E-01	1.57E-01	1.11E-09	1.0E+06	1.1E-03
342	0.5094	5.73E-05	2.9E-05	1.05E-03	3.05E-08	2.27E-01	1.57E-01	1.09E-09	1.0E+06	1.1E-03
343	0.50102	5.73E-05	2.9E-05	1.05E-03	3.00E-08	2.27E-01	1.57E-01	1.07E-09	1.0E+06	1.1E-03
344	0.49752	5.73E-05	2.8E-05	1.05E-03	2.98E-08	2.27E-01	1.57E-01	1.06E-09	1.0E+06	1.1E-03
345	0.49762	5.73E-05	2.8E-05	1.05E-03	2.98E-08	2.27E-01	1.57E-01	1.06E-09	1.0E+06	1.1E-03
346	0.49766	5.73E-05	2.9E-05	1.05E-03	2.98E-08	2.27E-01	1.57E-01	1.06E-09	1.0E+06	1.1E-03
347	0.49375	5.73E-05	2.8E-05	1.05E-03	2.96E-08	2.27E-01	1.57E-01	1.06E-09	1.0E+06	1.1E-03
348	0.48326	5.73E-05	2.8E-05	1.05E-03	2.89E-08	2.27E-01	1.57E-01	1.03E-09	1.0E+06	1.0E-03
349	0.46604	5.73E-05	2.7E-05	1.05E-03	2.79E-08	2.27E-01	1.57E-01	9.97E-10	1.0E+06	1.0E-03
350	0.4448	5.73E-05	2.5E-05	1.05E-03	2.66E-08	2.27E-01	1.57E-01	9.51E-10	1.0E+06	9.5E-04
351	0.42397	5.73E-05	2.4E-05	1.05E-03	2.54E-08	2.27E-01	1.57E-01	9.07E-10	1.0E+06	9.1E-04
352	0.4073	5.73E-05	2.3E-05	1.05E-03	2.44E-08	2.27E-01	1.57E-01	8.71E-10	1.0E+06	8.7E-04
353	0.54299	5.73E-05	3.1E-05	1.05E-03	3.25E-08	2.27E-01	1.57E-01	1.16E-09	1.0E+06	1.2E-03
354	0.51763	5.73E-05	3.0E-05	1.05E-03	3.10E-08	2.27E-01	1.57E-01	1.11E-09	1.0E+06	1.1E-03
355	0.48584	5.73E-05	2.8E-05	1.05E-03	2.91E-08	2.27E-01	1.57E-01	1.04E-09	1.0E+06	1.0E-03
356	0.46066	5.73E-05	2.6E-05	1.05E-03	2.76E-08	2.27E-01	1.57E-01	9.85E-10	1.0E+06	9.9E-04
357	0.44806	5.73E-05	2.6E-05	1.05E-03	2.68E-08	2.27E-01	1.57E-01	9.58E-10	1.0E+06	9.6E-04
358	0.44869	5.73E-05	2.6E-05	1.05E-03	2.69E-08	2.27E-01	1.57E-01	9.60E-10	1.0E+06	9.6E-04
359	0.45877	5.73E-05	2.6E-05	1.05E-03	2.75E-08	2.27E-01	1.57E-01	9.81E-10	1.0E+06	9.8E-04
360	0.47231	5.73E-05	2.7E-05	1.05E-03	2.83E-08	2.27E-01	1.57E-01	1.01E-09	1.0E+06	1.0E-03
361	0.48443	5.73E-05	2.8E-05	1.05E-03	2.90E-08	2.27E-01	1.57E-01	1.04E-09	1.0E+06	1.0E-03
362	0.4921	5.73E-05	2.8E-05	1.05E-03	2.95E-08	2.27E-01	1.57E-01	1.05E-09	1.0E+06	1.1E-03
363	0.4933	5.73E-05	2.8E-05	1.05E-03	2.95E-08	2.27E-01	1.57E-01	1.06E-09	1.0E+06	1.1E-03
364	0.48764	5.73E-05	2.8E-05	1.05E-03	2.92E-08	2.27E-01	1.57E-01	1.04E-09	1.0E+06	1.0E-03
365	0.47794	5.73E-05	2.7E-05	1.05E-03	2.86E-08	2.27E-01	1.57E-01	1.02E-09	1.0E+06	1.0E-03
366	0.46904	5.73E-05	2.7E-05	1.05E-03	2.81E-08	2.27E-01	1.57E-01	1.00E-09	1.0E+06	1.0E-03
367	0.46436	5.73E-05	2.7E-05	1.05E-03	2.78E-08	2.27E-01	1.57E-01	9.93E-10	1.0E+06	9.9E-04
368	0.46383	5.73E-05	2.7E-05	1.05E-03	2.78E-08	2.27E-01	1.57E-01	9.92E-10	1.0E+06	9.9E-04
369	0.4647	5.73E-05	2.7E-05	1.05E-03	2.78E-08	2.27E-01	1.57E-01	9.94E-10	1.0E+06	9.9E-04
370	0.46349	5.73E-05	2.7E-05	1.05E-03	2.77E-08	2.27E-01	1.57E-01	9.91E-10	1.0E+06	9.9E-04
371	0.45724	5.73E-05	2.6E-05	1.05E-03	2.74E-08	2.27E-01	1.57E-01	9.78E-10	1.0E+06	9.8E-04

Berkley WTPF
Plaza Mitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
372	0.44459	5.73E-05	2.5E-05	1.05E-03	2.66E-08	2.27E-01	1.57E-01	9.51E-10	1.0E+06	9.5E-04
373	0.48126	5.73E-05	2.8E-05	1.05E-03	2.88E-08	2.27E-01	1.57E-01	1.03E-09	1.0E+06	1.0E-03
374	0.45179	5.73E-05	2.6E-05	1.05E-03	2.70E-08	2.27E-01	1.57E-01	9.66E-10	1.0E+06	9.7E-04
375	0.42919	5.73E-05	2.5E-05	1.05E-03	2.57E-08	2.27E-01	1.57E-01	9.18E-10	1.0E+06	9.2E-04
376	0.41805	5.73E-05	2.4E-05	1.05E-03	2.50E-08	2.27E-01	1.57E-01	8.94E-10	1.0E+06	8.9E-04
377	0.41879	5.73E-05	2.4E-05	1.05E-03	2.51E-08	2.27E-01	1.57E-01	8.96E-10	1.0E+06	9.0E-04
378	0.42811	5.73E-05	2.5E-05	1.05E-03	2.56E-08	2.27E-01	1.57E-01	9.16E-10	1.0E+06	9.2E-04
379	0.44071	5.73E-05	2.5E-05	1.05E-03	2.64E-08	2.27E-01	1.57E-01	9.43E-10	1.0E+06	9.4E-04
380	0.45224	5.73E-05	2.6E-05	1.05E-03	2.71E-08	2.27E-01	1.57E-01	9.67E-10	1.0E+06	9.7E-04
381	0.4601	5.73E-05	2.6E-05	1.05E-03	2.75E-08	2.27E-01	1.57E-01	9.84E-10	1.0E+06	9.8E-04
382	0.46243	5.73E-05	2.6E-05	1.05E-03	2.77E-08	2.27E-01	1.57E-01	9.89E-10	1.0E+06	9.9E-04
383	0.45841	5.73E-05	2.6E-05	1.05E-03	2.74E-08	2.27E-01	1.57E-01	9.81E-10	1.0E+06	9.8E-04
384	0.44979	5.73E-05	2.6E-05	1.05E-03	2.69E-08	2.27E-01	1.57E-01	9.62E-10	1.0E+06	9.6E-04
385	0.44073	5.73E-05	2.5E-05	1.05E-03	2.64E-08	2.27E-01	1.57E-01	9.43E-10	1.0E+06	9.4E-04
386	0.435	5.73E-05	2.5E-05	1.05E-03	2.60E-08	2.27E-01	1.57E-01	9.30E-10	1.0E+06	9.3E-04
387	0.43354	5.73E-05	2.5E-05	1.05E-03	2.60E-08	2.27E-01	1.57E-01	9.27E-10	1.0E+06	9.3E-04
388	0.43455	5.73E-05	2.5E-05	1.05E-03	2.60E-08	2.27E-01	1.57E-01	9.30E-10	1.0E+06	9.3E-04
389	0.44856	5.73E-05	2.6E-05	1.05E-03	2.69E-08	2.27E-01	1.57E-01	9.59E-10	1.0E+06	9.6E-04
390	0.42134	5.73E-05	2.4E-05	1.05E-03	2.52E-08	2.27E-01	1.57E-01	9.01E-10	1.0E+06	9.0E-04
391	0.40103	5.73E-05	2.3E-05	1.05E-03	2.40E-08	2.27E-01	1.57E-01	8.58E-10	1.0E+06	8.6E-04
392	0.39109	5.73E-05	2.2E-05	1.05E-03	2.34E-08	2.27E-01	1.57E-01	8.37E-10	1.0E+06	8.4E-04
393	0.39191	5.73E-05	2.2E-05	1.05E-03	2.35E-08	2.27E-01	1.57E-01	8.38E-10	1.0E+06	8.4E-04
394	0.40055	5.73E-05	2.3E-05	1.05E-03	2.40E-08	2.27E-01	1.57E-01	8.57E-10	1.0E+06	8.6E-04
395	0.41229	5.73E-05	2.4E-05	1.05E-03	2.47E-08	2.27E-01	1.57E-01	8.82E-10	1.0E+06	8.8E-04
396	0.42324	5.73E-05	2.4E-05	1.05E-03	2.53E-08	2.27E-01	1.57E-01	9.05E-10	1.0E+06	9.1E-04
397	0.43113	5.73E-05	2.5E-05	1.05E-03	2.58E-08	2.27E-01	1.57E-01	9.22E-10	1.0E+06	9.2E-04
398	0.43434	5.73E-05	2.5E-05	1.05E-03	2.60E-08	2.27E-01	1.57E-01	9.29E-10	1.0E+06	9.3E-04
399	0.43179	5.73E-05	2.5E-05	1.05E-03	2.58E-08	2.27E-01	1.57E-01	9.24E-10	1.0E+06	9.2E-04
400	0.4244	5.73E-05	2.4E-05	1.05E-03	2.54E-08	2.27E-01	1.57E-01	9.08E-10	1.0E+06	9.1E-04
401	0.41551	5.73E-05	2.4E-05	1.05E-03	2.49E-08	2.27E-01	1.57E-01	8.89E-10	1.0E+06	8.9E-04
402	0.40896	5.73E-05	2.3E-05	1.05E-03	2.45E-08	2.27E-01	1.57E-01	8.75E-10	1.0E+06	8.7E-04

Berkley WTPF
Plaza Mitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
403	0.40645	5.73E-05	2.3E-05	1.05E-03	2.43E-08	2.27E-01	1.57E-01	8.69E-10	1.0E+06	8.7E-04
404	0.39303	5.73E-05	2.3E-05	1.05E-03	2.35E-08	2.27E-01	1.57E-01	8.41E-10	1.0E+06	8.4E-04
405	0.37556	5.73E-05	2.2E-05	1.05E-03	2.25E-08	2.27E-01	1.57E-01	8.03E-10	1.0E+06	8.0E-04
406	0.36681	5.73E-05	2.1E-05	1.05E-03	2.20E-08	2.27E-01	1.57E-01	7.85E-10	1.0E+06	7.8E-04
407	0.36766	5.73E-05	2.1E-05	1.05E-03	2.20E-08	2.27E-01	1.57E-01	7.86E-10	1.0E+06	7.9E-04
408	0.37568	5.73E-05	2.2E-05	1.05E-03	2.25E-08	2.27E-01	1.57E-01	8.04E-10	1.0E+06	8.0E-04
409	0.38665	5.73E-05	2.2E-05	1.05E-03	2.31E-08	2.27E-01	1.57E-01	8.27E-10	1.0E+06	8.3E-04
410	0.39703	5.73E-05	2.3E-05	1.05E-03	2.38E-08	2.27E-01	1.57E-01	8.49E-10	1.0E+06	8.5E-04
411	0.40483	5.73E-05	2.3E-05	1.05E-03	2.42E-08	2.27E-01	1.57E-01	8.66E-10	1.0E+06	8.7E-04
412	0.40869	5.73E-05	2.3E-05	1.05E-03	2.45E-08	2.27E-01	1.57E-01	8.74E-10	1.0E+06	8.7E-04
413	0.40744	5.73E-05	2.3E-05	1.05E-03	2.44E-08	2.27E-01	1.57E-01	8.72E-10	1.0E+06	8.7E-04
414	0.40133	5.73E-05	2.3E-05	1.05E-03	2.40E-08	2.27E-01	1.57E-01	8.58E-10	1.0E+06	8.6E-04
415	0.3929	5.73E-05	2.3E-05	1.05E-03	2.35E-08	2.27E-01	1.57E-01	8.40E-10	1.0E+06	8.4E-04
416	0.38578	5.73E-05	2.2E-05	1.05E-03	2.31E-08	2.27E-01	1.57E-01	8.25E-10	1.0E+06	8.3E-04
417	0.38227	5.73E-05	2.2E-05	1.05E-03	2.29E-08	2.27E-01	1.57E-01	8.18E-10	1.0E+06	8.2E-04
418	0.34411	5.73E-05	2.0E-05	1.05E-03	2.06E-08	2.27E-01	1.57E-01	7.36E-10	1.0E+06	7.4E-04
419	0.34573	5.73E-05	2.0E-05	1.05E-03	2.07E-08	2.27E-01	1.57E-01	7.40E-10	1.0E+06	7.4E-04
420	0.35317	5.73E-05	2.0E-05	1.05E-03	2.11E-08	2.27E-01	1.57E-01	7.55E-10	1.0E+06	7.6E-04
421	0.36343	5.73E-05	2.1E-05	1.05E-03	2.18E-08	2.27E-01	1.57E-01	7.77E-10	1.0E+06	7.8E-04
422	0.37326	5.73E-05	2.1E-05	1.05E-03	2.23E-08	2.27E-01	1.57E-01	7.98E-10	1.0E+06	8.0E-04
423	0.3809	5.73E-05	2.2E-05	1.05E-03	2.28E-08	2.27E-01	1.57E-01	8.15E-10	1.0E+06	8.1E-04
424	0.38522	5.73E-05	2.2E-05	1.05E-03	2.31E-08	2.27E-01	1.57E-01	8.24E-10	1.0E+06	8.2E-04
425	0.38507	5.73E-05	2.2E-05	1.05E-03	2.31E-08	2.27E-01	1.57E-01	8.24E-10	1.0E+06	8.2E-04
426	0.38023	5.73E-05	2.2E-05	1.05E-03	2.28E-08	2.27E-01	1.57E-01	8.13E-10	1.0E+06	8.1E-04
427	0.37248	5.73E-05	2.1E-05	1.05E-03	2.23E-08	2.27E-01	1.57E-01	7.97E-10	1.0E+06	8.0E-04
428	0.36508	5.73E-05	2.1E-05	1.05E-03	2.19E-08	2.27E-01	1.57E-01	7.81E-10	1.0E+06	7.8E-04
429	0.36065	5.73E-05	2.1E-05	1.05E-03	2.16E-08	2.27E-01	1.57E-01	7.71E-10	1.0E+06	7.7E-04
430	0.35906	5.73E-05	2.1E-05	1.05E-03	2.15E-08	2.27E-01	1.57E-01	7.68E-10	1.0E+06	7.7E-04
431	0.36376	5.73E-05	2.1E-05	1.05E-03	2.18E-08	2.27E-01	1.57E-01	7.78E-10	1.0E+06	7.8E-04
432	0.36453	5.73E-05	2.1E-05	1.05E-03	2.18E-08	2.27E-01	1.57E-01	7.80E-10	1.0E+06	7.8E-04
433	0.36088	5.73E-05	2.1E-05	1.05E-03	2.16E-08	2.27E-01	1.57E-01	7.72E-10	1.0E+06	7.7E-04

Berkley WTPF
Plaza Mitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
434	0.3539	5.73E-05	2.0E-05	1.05E-03	2.12E-08	2.27E-01	1.57E-01	7.57E-10	1.0E+06	7.6E-04
435	0.34648	5.73E-05	2.0E-05	1.05E-03	2.07E-08	2.27E-01	1.57E-01	7.41E-10	1.0E+06	7.4E-04

Berkley WTPF
Plaza Mitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
		Residence	
1	5	6.52E-05	6.52E-05
2	5	6.16E-05	6.16E-05
3	5	5.84E-05	5.84E-05
4	5	5.57E-05	5.57E-05
5	5	5.32E-05	5.32E-05
6	5	5.03E-05	5.03E-05
7	5	4.69E-05	4.69E-05
8	5	4.33E-05	4.33E-05
9	5	5.36E-05	5.36E-05
10	5	5.19E-05	5.19E-05
11	5	4.93E-05	4.93E-05
12	5	4.67E-05	4.67E-05
13	5	4.46E-05	4.46E-05
14	5	4.31E-05	4.31E-05
15	5	4.16E-05	4.16E-05
16	5	3.97E-05	3.97E-05
17	5	3.74E-05	3.74E-05
18	5	3.49E-05	3.49E-05
19	5	3.22E-05	3.22E-05
20	5	2.97E-05	2.97E-05
21	5	4.32E-05	4.32E-05
22	5	4.22E-05	4.22E-05
23	5	4.05E-05	4.05E-05
24	5	3.85E-05	3.85E-05
25	5	3.66E-05	3.66E-05
26	5	3.52E-05	3.52E-05
27	5	3.43E-05	3.43E-05
28	5	3.34E-05	3.34E-05
29	5	3.22E-05	3.22E-05
30	5	3.06E-05	3.06E-05

Max	Receptor #	
6.524E-05	1	Res
5.858E-04	488	Park
6.511E-04	1	Total

Berkley WTPF
Plaza Mitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
31	5	2.87E-05	2.87E-05
32	5	2.67E-05	2.67E-05
33	5	2.48E-05	2.48E-05
34	5	2.30E-05	2.30E-05
35	5	2.14E-05	2.14E-05
36	5	2.00E-05	2.00E-05
37	5	3.56E-05	3.56E-05
38	5	3.50E-05	3.50E-05
39	5	3.39E-05	3.39E-05
40	5	3.24E-05	3.24E-05
41	5	3.07E-05	3.07E-05
42	5	2.94E-05	2.94E-05
43	5	2.85E-05	2.85E-05
44	5	2.80E-05	2.80E-05
45	5	2.74E-05	2.74E-05
46	5	2.66E-05	2.66E-05
47	5	2.55E-05	2.55E-05
48	5	2.41E-05	2.41E-05
49	5	2.26E-05	2.26E-05
50	5	2.10E-05	2.10E-05
51	5	1.96E-05	1.96E-05
52	5	1.82E-05	1.82E-05
53	5	1.71E-05	1.71E-05
54	5	1.61E-05	1.61E-05
55	5	1.52E-05	1.52E-05
56	5	2.97E-05	2.97E-05
57	5	2.98E-05	2.98E-05
58	5	2.94E-05	2.94E-05
59	5	2.87E-05	2.87E-05
60	5	2.77E-05	2.77E-05
61	5	2.64E-05	2.64E-05

Berkley WTPF
Plaza Mitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
62	5	2.51E-05	2.51E-05
63	5	2.41E-05	2.41E-05
64	5	2.36E-05	2.36E-05
65	5	2.33E-05	2.33E-05
66	5	2.30E-05	2.30E-05
67	5	2.24E-05	2.24E-05
68	5	2.16E-05	2.16E-05
69	5	2.05E-05	2.05E-05
70	5	1.94E-05	1.94E-05
71	5	1.81E-05	1.81E-05
72	5	1.69E-05	1.69E-05
73	5	1.58E-05	1.58E-05
74	5	1.48E-05	1.48E-05
75	5	1.40E-05	1.40E-05
76	5	2.51E-05	2.51E-05
77	5	2.53E-05	2.53E-05
78	5	2.51E-05	2.51E-05
79	5	2.46E-05	2.46E-05
80	5	2.40E-05	2.40E-05
81	5	2.30E-05	2.30E-05
82	5	2.19E-05	2.19E-05
83	5	2.09E-05	2.09E-05
84	5	2.02E-05	2.02E-05
85	5	1.99E-05	1.99E-05
86	5	1.97E-05	1.97E-05
87	5	1.95E-05	1.95E-05
88	5	1.91E-05	1.91E-05
89	5	1.85E-05	1.85E-05
90	5	1.77E-05	1.77E-05
91	5	1.68E-05	1.68E-05
92	5	1.58E-05	1.58E-05

Berkley WTPF
Plaza Mitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
93	5	1.48E-05	1.48E-05
94	5	1.39E-05	1.39E-05
95	5	1.30E-05	1.30E-05
96	5	1.23E-05	1.23E-05
97	5	1.16E-05	1.16E-05
98	5	2.16E-05	2.16E-05
99	5	2.18E-05	2.18E-05
100	5	2.16E-05	2.16E-05
101	5	2.13E-05	2.13E-05
102	5	2.09E-05	2.09E-05
103	5	2.02E-05	2.02E-05
104	5	1.93E-05	1.93E-05
105	5	1.84E-05	1.84E-05
106	5	1.76E-05	1.76E-05
107	5	1.72E-05	1.72E-05
108	5	1.70E-05	1.70E-05
109	5	1.69E-05	1.69E-05
110	5	1.68E-05	1.68E-05
111	5	1.65E-05	1.65E-05
112	5	1.61E-05	1.61E-05
113	5	1.55E-05	1.55E-05
114	5	1.47E-05	1.47E-05
115	5	1.39E-05	1.39E-05
116	5	1.31E-05	1.31E-05
117	5	1.23E-05	1.23E-05
118	5	1.16E-05	1.16E-05
119	5	1.09E-05	1.09E-05
120	5	1.03E-05	1.03E-05
121	5	1.83E-05	1.83E-05
122	5	1.87E-05	1.87E-05
123	5	1.89E-05	1.89E-05

Berkley WTPF
Plaza Mitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
124	5	1.89E-05	1.89E-05
125	5	1.86E-05	1.86E-05
126	5	1.83E-05	1.83E-05
127	5	1.79E-05	1.79E-05
128	5	1.72E-05	1.72E-05
129	5	1.64E-05	1.64E-05
130	5	1.56E-05	1.56E-05
131	5	1.51E-05	1.51E-05
132	5	1.48E-05	1.48E-05
133	5	1.47E-05	1.47E-05
134	5	1.47E-05	1.47E-05
135	5	1.46E-05	1.46E-05
136	5	1.44E-05	1.44E-05
137	5	1.41E-05	1.41E-05
138	5	1.36E-05	1.36E-05
139	5	1.30E-05	1.30E-05
140	5	1.24E-05	1.24E-05
141	5	1.17E-05	1.17E-05
142	5	1.10E-05	1.10E-05
143	5	1.04E-05	1.04E-05
144	5	9.78E-06	9.78E-06
145	5	1.60E-05	1.60E-05
146	5	1.64E-05	1.64E-05
147	5	1.66E-05	1.66E-05
148	5	1.66E-05	1.66E-05
149	5	1.64E-05	1.64E-05
150	5	1.61E-05	1.61E-05
151	5	1.59E-05	1.59E-05
152	5	1.55E-05	1.55E-05
153	5	1.48E-05	1.48E-05
154	5	1.41E-05	1.41E-05

Berkley WTPF
Plaza Mitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
155	5	1.35E-05	1.35E-05
156	5	1.31E-05	1.31E-05
157	5	1.29E-05	1.29E-05
158	5	1.29E-05	1.29E-05
159	5	1.29E-05	1.29E-05
160	5	1.28E-05	1.28E-05
161	5	1.27E-05	1.27E-05
162	5	1.25E-05	1.25E-05
163	5	1.21E-05	1.21E-05
164	5	1.16E-05	1.16E-05
165	5	1.11E-05	1.11E-05
166	5	1.05E-05	1.05E-05
167	5	9.91E-06	9.91E-06
168	5	1.41E-05	1.41E-05
169	5	1.44E-05	1.44E-05
170	5	1.47E-05	1.47E-05
171	5	1.48E-05	1.48E-05
172	5	1.46E-05	1.46E-05
173	5	1.43E-05	1.43E-05
174	5	1.42E-05	1.42E-05
175	5	1.39E-05	1.39E-05
176	5	1.35E-05	1.35E-05
177	5	1.28E-05	1.28E-05
178	5	1.22E-05	1.22E-05
179	5	1.17E-05	1.17E-05
180	5	1.15E-05	1.15E-05
181	5	1.14E-05	1.14E-05
182	5	1.14E-05	1.14E-05
183	5	1.14E-05	1.14E-05
184	5	1.14E-05	1.14E-05
185	5	1.13E-05	1.13E-05

Berkley WTPF
Plaza Mitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
186	5	1.11E-05	1.11E-05
187	5	1.08E-05	1.08E-05
188	5	1.04E-05	1.04E-05
189	5	9.98E-06	9.98E-06
190	5	9.47E-06	9.47E-06
191	5	1.25E-05	1.25E-05
192	5	1.28E-05	1.28E-05
193	5	1.31E-05	1.31E-05
194	5	1.32E-05	1.32E-05
195	5	1.30E-05	1.30E-05
196	5	1.28E-05	1.28E-05
197	5	1.27E-05	1.27E-05
198	5	1.25E-05	1.25E-05
199	5	1.22E-05	1.22E-05
200	5	1.18E-05	1.18E-05
201	5	1.02E-05	1.02E-05
202	5	1.01E-05	1.01E-05
203	5	1.01E-05	1.01E-05
204	5	1.01E-05	1.01E-05
205	5	1.02E-05	1.02E-05
206	5	1.01E-05	1.01E-05
207	5	9.98E-06	9.98E-06
208	5	9.76E-06	9.76E-06
209	5	9.44E-06	9.44E-06
210	5	9.02E-06	9.02E-06
211	5	1.12E-05	1.12E-05
212	5	1.15E-05	1.15E-05
213	5	1.18E-05	1.18E-05
214	5	1.19E-05	1.19E-05
215	5	1.18E-05	1.18E-05
216	5	1.16E-05	1.16E-05

Berkley WTPF
Plaza Mitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
217	5	1.14E-05	1.14E-05
218	5	1.13E-05	1.13E-05
219	5	1.11E-05	1.11E-05
220	5	9.06E-06	9.06E-06
221	5	9.08E-06	9.08E-06
222	5	9.11E-06	9.11E-06
223	5	9.13E-06	9.13E-06
224	5	9.10E-06	9.10E-06
225	5	9.01E-06	9.01E-06
226	5	8.84E-06	8.84E-06
227	5	1.01E-05	1.01E-05
228	5	1.01E-05	1.01E-05
229	5	1.03E-05	1.03E-05
230	5	1.06E-05	1.06E-05
231	5	1.07E-05	1.07E-05
232	5	1.07E-05	1.07E-05
233	5	1.05E-05	1.05E-05
234	5	1.03E-05	1.03E-05
235	5	1.03E-05	1.03E-05
236	5	1.02E-05	1.02E-05
237	5	8.22E-06	8.22E-06
238	5	8.16E-06	8.16E-06
239	5	8.17E-06	8.17E-06
240	5	8.20E-06	8.20E-06
241	5	8.23E-06	8.23E-06
242	5	8.25E-06	8.25E-06
243	5	8.25E-06	8.25E-06
244	5	8.18E-06	8.18E-06
245	5	9.36E-06	9.36E-06
246	5	9.62E-06	9.62E-06
247	5	9.76E-06	9.76E-06

Berkley WTPF
Plaza Mitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
248	5	9.73E-06	9.73E-06
249	5	9.58E-06	9.58E-06
250	5	9.42E-06	9.42E-06
251	5	9.33E-06	9.33E-06
252	5	9.27E-06	9.27E-06
253	5	7.52E-06	7.52E-06
254	5	7.42E-06	7.42E-06
255	5	7.39E-06	7.39E-06
256	5	7.41E-06	7.41E-06
257	5	7.44E-06	7.44E-06
258	5	7.47E-06	7.47E-06
259	5	7.50E-06	7.50E-06
260	5	8.63E-06	8.63E-06
261	5	8.52E-06	8.52E-06
262	5	7.25E-06	7.25E-06
263	5	6.97E-06	6.97E-06
264	5	6.80E-06	6.80E-06
265	5	6.74E-06	6.74E-06
266	5	6.73E-06	6.73E-06
267	5	6.76E-06	6.76E-06
268	5	6.79E-06	6.79E-06
269	5	6.82E-06	6.82E-06
270	5	6.84E-06	6.84E-06
271	5	6.53E-06	6.53E-06
272	5	6.31E-06	6.31E-06
273	5	6.19E-06	6.19E-06
274	5	6.16E-06	6.16E-06
275	5	6.17E-06	6.17E-06
276	5	6.19E-06	6.19E-06
277	5	8.12E-06	8.12E-06
278	5	7.67E-06	7.67E-06

Berkley WTPF
Plaza Mitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
279	5	7.23E-06	7.23E-06
280	5	6.99E-06	6.99E-06
281	5	6.98E-06	6.98E-06
282	5	6.78E-06	6.78E-06
283	5	6.48E-06	6.48E-06
284	5	6.17E-06	6.17E-06
285	5	5.91E-06	5.91E-06
286	5	5.75E-06	5.75E-06
287	5	5.67E-06	5.67E-06
288	5	5.66E-06	5.66E-06
289	5	5.67E-06	5.67E-06
290	5	7.68E-06	7.68E-06
291	5	7.48E-06	7.48E-06
292	5	7.05E-06	7.05E-06
293	5	6.65E-06	6.65E-06
294	5	6.43E-06	6.43E-06
295	5	6.44E-06	6.44E-06
296	5	6.58E-06	6.58E-06
297	5	6.78E-06	6.78E-06
298	5	6.93E-06	6.93E-06
299	5	7.00E-06	7.00E-06
300	5	6.95E-06	6.95E-06
301	5	6.39E-06	6.39E-06
302	5	6.15E-06	6.15E-06
303	5	5.86E-06	5.86E-06
304	5	5.59E-06	5.59E-06
305	5	5.38E-06	5.38E-06
306	5	5.26E-06	5.26E-06
307	5	5.22E-06	5.22E-06
308	5	7.15E-06	7.15E-06
309	5	6.91E-06	6.91E-06

Berkley WTPF
Plaza Mitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
310	5	6.49E-06	6.49E-06
311	5	6.13E-06	6.13E-06
312	5	5.95E-06	5.95E-06
313	5	5.95E-06	5.95E-06
314	5	6.09E-06	6.09E-06
315	5	6.27E-06	6.27E-06
316	5	6.42E-06	6.42E-06
317	5	6.49E-06	6.49E-06
318	5	6.47E-06	6.47E-06
319	5	6.37E-06	6.37E-06
320	5	6.24E-06	6.24E-06
321	5	6.15E-06	6.15E-06
322	5	6.13E-06	6.13E-06
323	5	6.02E-06	6.02E-06
324	5	5.84E-06	5.84E-06
325	5	5.59E-06	5.59E-06
326	5	5.32E-06	5.32E-06
327	5	5.09E-06	5.09E-06
328	5	4.93E-06	4.93E-06
329	5	4.85E-06	4.85E-06
330	5	6.67E-06	6.67E-06
331	5	6.39E-06	6.39E-06
332	5	6.00E-06	6.00E-06
333	5	5.68E-06	5.68E-06
334	5	5.52E-06	5.52E-06
335	5	5.52E-06	5.52E-06
336	5	5.65E-06	5.65E-06
337	5	5.81E-06	5.81E-06
338	5	5.96E-06	5.96E-06
339	5	6.04E-06	6.04E-06
340	5	6.04E-06	6.04E-06

Berkley WTPF
Plaza Mitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
341	5	5.96E-06	5.96E-06
342	5	5.83E-06	5.83E-06
343	5	5.74E-06	5.74E-06
344	5	5.70E-06	5.70E-06
345	5	5.70E-06	5.70E-06
346	5	5.70E-06	5.70E-06
347	5	5.66E-06	5.66E-06
348	5	5.54E-06	5.54E-06
349	5	5.34E-06	5.34E-06
350	5	5.09E-06	5.09E-06
351	5	4.86E-06	4.86E-06
352	5	4.67E-06	4.67E-06
353	5	6.22E-06	6.22E-06
354	5	5.93E-06	5.93E-06
355	5	5.56E-06	5.56E-06
356	5	5.28E-06	5.28E-06
357	5	5.13E-06	5.13E-06
358	5	5.14E-06	5.14E-06
359	5	5.25E-06	5.25E-06
360	5	5.41E-06	5.41E-06
361	5	5.55E-06	5.55E-06
362	5	5.64E-06	5.64E-06
363	5	5.65E-06	5.65E-06
364	5	5.59E-06	5.59E-06
365	5	5.47E-06	5.47E-06
366	5	5.37E-06	5.37E-06
367	5	5.32E-06	5.32E-06
368	5	5.31E-06	5.31E-06
369	5	5.32E-06	5.32E-06
370	5	5.31E-06	5.31E-06
371	5	5.24E-06	5.24E-06

Berkley WTPF
Plaza Mitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
372	5	5.09E-06	5.09E-06
373	5	5.51E-06	5.51E-06
374	5	5.17E-06	5.17E-06
375	5	4.92E-06	4.92E-06
376	5	4.79E-06	4.79E-06
377	5	4.80E-06	4.80E-06
378	5	4.90E-06	4.90E-06
379	5	5.05E-06	5.05E-06
380	5	5.18E-06	5.18E-06
381	5	5.27E-06	5.27E-06
382	5	5.30E-06	5.30E-06
383	5	5.25E-06	5.25E-06
384	5	5.15E-06	5.15E-06
385	5	5.05E-06	5.05E-06
386	5	4.98E-06	4.98E-06
387	5	4.97E-06	4.97E-06
388	5	4.98E-06	4.98E-06
389	5	5.14E-06	5.14E-06
390	5	4.83E-06	4.83E-06
391	5	4.59E-06	4.59E-06
392	5	4.48E-06	4.48E-06
393	5	4.49E-06	4.49E-06
394	5	4.59E-06	4.59E-06
395	5	4.72E-06	4.72E-06
396	5	4.85E-06	4.85E-06
397	5	4.94E-06	4.94E-06
398	5	4.98E-06	4.98E-06
399	5	4.95E-06	4.95E-06
400	5	4.86E-06	4.86E-06
401	5	4.76E-06	4.76E-06
402	5	4.68E-06	4.68E-06

Berkley WTPF
Plaza Mitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
403	5	4.66E-06	4.66E-06
404	5	4.50E-06	4.50E-06
405	5	4.30E-06	4.30E-06
406	5	4.20E-06	4.20E-06
407	5	4.21E-06	4.21E-06
408	5	4.30E-06	4.30E-06
409	5	4.43E-06	4.43E-06
410	5	4.55E-06	4.55E-06
411	5	4.64E-06	4.64E-06
412	5	4.68E-06	4.68E-06
413	5	4.67E-06	4.67E-06
414	5	4.60E-06	4.60E-06
415	5	4.50E-06	4.50E-06
416	5	4.42E-06	4.42E-06
417	5	4.38E-06	4.38E-06
418	5	3.94E-06	3.94E-06
419	5	3.96E-06	3.96E-06
420	5	4.05E-06	4.05E-06
421	5	4.16E-06	4.16E-06
422	5	4.28E-06	4.28E-06
423	5	4.36E-06	4.36E-06
424	5	4.41E-06	4.41E-06
425	5	4.41E-06	4.41E-06
426	5	4.36E-06	4.36E-06
427	5	4.27E-06	4.27E-06
428	5	4.18E-06	4.18E-06
429	5	4.13E-06	4.13E-06
430	5	4.11E-06	4.11E-06
431	5	4.17E-06	4.17E-06
432	5	4.18E-06	4.18E-06
433	5	4.13E-06	4.13E-06

Berkley WTPF
Plaza Mitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
434	5	4.05E-06	4.05E-06
435	5	3.97E-06	3.97E-06

Berkley WTPF
BoatL Mitigated Risk

Cancer Risk from Birth to 2 years - Construction

Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
Residence										
1	0.63929	5.73E-05	3.7E-05	1.05E-03	3.83E-08	2.27E-01	1.57E-01	1.37E-09	1.0E+06	1.4E-03
2	0.62624	5.73E-05	3.6E-05	1.05E-03	3.75E-08	2.27E-01	1.57E-01	1.34E-09	1.0E+06	1.3E-03
3	0.59026	5.73E-05	3.4E-05	1.05E-03	3.53E-08	2.27E-01	1.57E-01	1.26E-09	1.0E+06	1.3E-03
4	0.55453	5.73E-05	3.2E-05	1.05E-03	3.32E-08	2.27E-01	1.57E-01	1.19E-09	1.0E+06	1.2E-03
5	0.53247	5.73E-05	3.0E-05	1.05E-03	3.19E-08	2.27E-01	1.57E-01	1.14E-09	1.0E+06	1.1E-03
6	0.52872	5.73E-05	3.0E-05	1.05E-03	3.16E-08	2.27E-01	1.57E-01	1.13E-09	1.0E+06	1.1E-03
7	0.53905	5.73E-05	3.1E-05	1.05E-03	3.23E-08	2.27E-01	1.57E-01	1.15E-09	1.0E+06	1.2E-03
8	0.55567	5.73E-05	3.2E-05	1.05E-03	3.33E-08	2.27E-01	1.57E-01	1.19E-09	1.0E+06	1.2E-03
9	0.57928	5.73E-05	3.3E-05	1.05E-03	3.47E-08	2.27E-01	1.57E-01	1.24E-09	1.0E+06	1.2E-03
10	0.59837	5.73E-05	3.4E-05	1.05E-03	3.58E-08	2.27E-01	1.57E-01	1.28E-09	1.0E+06	1.3E-03
11	0.58004	5.73E-05	3.3E-05	1.05E-03	3.47E-08	2.27E-01	1.57E-01	1.24E-09	1.0E+06	1.2E-03
12	0.54492	5.73E-05	3.1E-05	1.05E-03	3.26E-08	2.27E-01	1.57E-01	1.17E-09	1.0E+06	1.2E-03
13	0.51271	5.73E-05	2.9E-05	1.05E-03	3.07E-08	2.27E-01	1.57E-01	1.10E-09	1.0E+06	1.1E-03
14	0.49401	5.73E-05	2.8E-05	1.05E-03	2.96E-08	2.27E-01	1.57E-01	1.06E-09	1.0E+06	1.1E-03
15	0.49165	5.73E-05	2.8E-05	1.05E-03	2.94E-08	2.27E-01	1.57E-01	1.05E-09	1.0E+06	1.1E-03
16	0.50195	5.73E-05	2.9E-05	1.05E-03	3.00E-08	2.27E-01	1.57E-01	1.07E-09	1.0E+06	1.1E-03
17	0.5174	5.73E-05	3.0E-05	1.05E-03	3.10E-08	2.27E-01	1.57E-01	1.11E-09	1.0E+06	1.1E-03
18	0.53082	5.73E-05	3.0E-05	1.05E-03	3.18E-08	2.27E-01	1.57E-01	1.14E-09	1.0E+06	1.1E-03
19	0.53815	5.73E-05	3.1E-05	1.05E-03	3.22E-08	2.27E-01	1.57E-01	1.15E-09	1.0E+06	1.2E-03
20	0.53914	5.73E-05	3.1E-05	1.05E-03	3.23E-08	2.27E-01	1.57E-01	1.15E-09	1.0E+06	1.2E-03
21	0.54884	5.73E-05	3.1E-05	1.05E-03	3.29E-08	2.27E-01	1.57E-01	1.17E-09	1.0E+06	1.2E-03
22	0.55929	5.73E-05	3.2E-05	1.05E-03	3.35E-08	2.27E-01	1.57E-01	1.20E-09	1.0E+06	1.2E-03
23	0.53791	5.73E-05	3.1E-05	1.05E-03	3.22E-08	2.27E-01	1.57E-01	1.15E-09	1.0E+06	1.2E-03
24	0.50459	5.73E-05	2.9E-05	1.05E-03	3.02E-08	2.27E-01	1.57E-01	1.08E-09	1.0E+06	1.1E-03
25	0.4756	5.73E-05	2.7E-05	1.05E-03	2.85E-08	2.27E-01	1.57E-01	1.02E-09	1.0E+06	1.0E-03
26	0.45911	5.73E-05	2.6E-05	1.05E-03	2.75E-08	2.27E-01	1.57E-01	9.82E-10	1.0E+06	9.8E-04
27	0.45721	5.73E-05	2.6E-05	1.05E-03	2.74E-08	2.27E-01	1.57E-01	9.78E-10	1.0E+06	9.8E-04
28	0.4667	5.73E-05	2.7E-05	1.05E-03	2.79E-08	2.27E-01	1.57E-01	9.98E-10	1.0E+06	1.0E-03
29	0.48098	5.73E-05	2.8E-05	1.05E-03	2.88E-08	2.27E-01	1.57E-01	1.03E-09	1.0E+06	1.0E-03
30	0.49436	5.73E-05	2.8E-05	1.05E-03	2.96E-08	2.27E-01	1.57E-01	1.06E-09	1.0E+06	1.1E-03

	Max	Receptor #
Res	0.001	1
Park	0.003	437
Total	0.00	1

Berkley WTPF
BoatL Mitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
31	0.50361	5.73E-05	2.9E-05	1.05E-03	3.01E-08	2.27E-01	1.57E-01	1.08E-09	1.0E+06	1.1E-03
32	0.50617	5.73E-05	2.9E-05	1.05E-03	3.03E-08	2.27E-01	1.57E-01	1.08E-09	1.0E+06	1.1E-03
33	0.50066	5.73E-05	2.9E-05	1.05E-03	3.00E-08	2.27E-01	1.57E-01	1.07E-09	1.0E+06	1.1E-03
34	0.4897	5.73E-05	2.8E-05	1.05E-03	2.93E-08	2.27E-01	1.57E-01	1.05E-09	1.0E+06	1.0E-03
35	0.47936	5.73E-05	2.7E-05	1.05E-03	2.87E-08	2.27E-01	1.57E-01	1.03E-09	1.0E+06	1.0E-03
36	0.47331	5.73E-05	2.7E-05	1.05E-03	2.83E-08	2.27E-01	1.57E-01	1.01E-09	1.0E+06	1.0E-03
37	0.52125	5.73E-05	3.0E-05	1.05E-03	3.12E-08	2.27E-01	1.57E-01	1.11E-09	1.0E+06	1.1E-03
38	0.52318	5.73E-05	3.0E-05	1.05E-03	3.13E-08	2.27E-01	1.57E-01	1.12E-09	1.0E+06	1.1E-03
39	0.49988	5.73E-05	2.9E-05	1.05E-03	2.99E-08	2.27E-01	1.57E-01	1.07E-09	1.0E+06	1.1E-03
40	0.46859	5.73E-05	2.7E-05	1.05E-03	2.81E-08	2.27E-01	1.57E-01	1.00E-09	1.0E+06	1.0E-03
41	0.44252	5.73E-05	2.5E-05	1.05E-03	2.65E-08	2.27E-01	1.57E-01	9.47E-10	1.0E+06	9.5E-04
42	0.42793	5.73E-05	2.5E-05	1.05E-03	2.56E-08	2.27E-01	1.57E-01	9.15E-10	1.0E+06	9.2E-04
43	0.42642	5.73E-05	2.4E-05	1.05E-03	2.55E-08	2.27E-01	1.57E-01	9.12E-10	1.0E+06	9.1E-04
44	0.43519	5.73E-05	2.5E-05	1.05E-03	2.61E-08	2.27E-01	1.57E-01	9.31E-10	1.0E+06	9.3E-04
45	0.44841	5.73E-05	2.6E-05	1.05E-03	2.68E-08	2.27E-01	1.57E-01	9.59E-10	1.0E+06	9.6E-04
46	0.46101	5.73E-05	2.6E-05	1.05E-03	2.76E-08	2.27E-01	1.57E-01	9.86E-10	1.0E+06	9.9E-04
47	0.47021	5.73E-05	2.7E-05	1.05E-03	2.81E-08	2.27E-01	1.57E-01	1.01E-09	1.0E+06	1.0E-03
48	0.47388	5.73E-05	2.7E-05	1.05E-03	2.84E-08	2.27E-01	1.57E-01	1.01E-09	1.0E+06	1.0E-03
49	0.4703	5.73E-05	2.7E-05	1.05E-03	2.82E-08	2.27E-01	1.57E-01	1.01E-09	1.0E+06	1.0E-03
50	0.4608	5.73E-05	2.6E-05	1.05E-03	2.76E-08	2.27E-01	1.57E-01	9.86E-10	1.0E+06	9.9E-04
51	0.45033	5.73E-05	2.6E-05	1.05E-03	2.70E-08	2.27E-01	1.57E-01	9.63E-10	1.0E+06	9.6E-04
52	0.44362	5.73E-05	2.5E-05	1.05E-03	2.66E-08	2.27E-01	1.57E-01	9.49E-10	1.0E+06	9.5E-04
53	0.44184	5.73E-05	2.5E-05	1.05E-03	2.64E-08	2.27E-01	1.57E-01	9.45E-10	1.0E+06	9.5E-04
54	0.44364	5.73E-05	2.5E-05	1.05E-03	2.66E-08	2.27E-01	1.57E-01	9.49E-10	1.0E+06	9.5E-04
55	0.44445	5.73E-05	2.5E-05	1.05E-03	2.66E-08	2.27E-01	1.57E-01	9.51E-10	1.0E+06	9.5E-04
56	0.46811	5.73E-05	2.7E-05	1.05E-03	2.80E-08	2.27E-01	1.57E-01	1.00E-09	1.0E+06	1.0E-03
57	0.49388	5.73E-05	2.8E-05	1.05E-03	2.96E-08	2.27E-01	1.57E-01	1.06E-09	1.0E+06	1.1E-03
58	0.48974	5.73E-05	2.8E-05	1.05E-03	2.93E-08	2.27E-01	1.57E-01	1.05E-09	1.0E+06	1.0E-03
59	0.46551	5.73E-05	2.7E-05	1.05E-03	2.79E-08	2.27E-01	1.57E-01	9.96E-10	1.0E+06	1.0E-03
60	0.43636	5.73E-05	2.5E-05	1.05E-03	2.61E-08	2.27E-01	1.57E-01	9.33E-10	1.0E+06	9.3E-04
61	0.4129	5.73E-05	2.4E-05	1.05E-03	2.47E-08	2.27E-01	1.57E-01	8.83E-10	1.0E+06	8.8E-04

Berkley WTPF
BoatL Mitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
62	0.39996	5.73E-05	2.3E-05	1.05E-03	2.39E-08	2.27E-01	1.57E-01	8.56E-10	1.0E+06	8.6E-04
63	0.39877	5.73E-05	2.3E-05	1.05E-03	2.39E-08	2.27E-01	1.57E-01	8.53E-10	1.0E+06	8.5E-04
64	0.40688	5.73E-05	2.3E-05	1.05E-03	2.44E-08	2.27E-01	1.57E-01	8.70E-10	1.0E+06	8.7E-04
65	0.41916	5.73E-05	2.4E-05	1.05E-03	2.51E-08	2.27E-01	1.57E-01	8.97E-10	1.0E+06	9.0E-04
66	0.43103	5.73E-05	2.5E-05	1.05E-03	2.58E-08	2.27E-01	1.57E-01	9.22E-10	1.0E+06	9.2E-04
67	0.44006	5.73E-05	2.5E-05	1.05E-03	2.63E-08	2.27E-01	1.57E-01	9.41E-10	1.0E+06	9.4E-04
68	0.44451	5.73E-05	2.5E-05	1.05E-03	2.66E-08	2.27E-01	1.57E-01	9.51E-10	1.0E+06	9.5E-04
69	0.44262	5.73E-05	2.5E-05	1.05E-03	2.65E-08	2.27E-01	1.57E-01	9.47E-10	1.0E+06	9.5E-04
70	0.4347	5.73E-05	2.5E-05	1.05E-03	2.60E-08	2.27E-01	1.57E-01	9.30E-10	1.0E+06	9.3E-04
71	0.42454	5.73E-05	2.4E-05	1.05E-03	2.54E-08	2.27E-01	1.57E-01	9.08E-10	1.0E+06	9.1E-04
72	0.41706	5.73E-05	2.4E-05	1.05E-03	2.50E-08	2.27E-01	1.57E-01	8.92E-10	1.0E+06	8.9E-04
73	0.41451	5.73E-05	2.4E-05	1.05E-03	2.48E-08	2.27E-01	1.57E-01	8.87E-10	1.0E+06	8.9E-04
74	0.41569	5.73E-05	2.4E-05	1.05E-03	2.49E-08	2.27E-01	1.57E-01	8.89E-10	1.0E+06	8.9E-04
75	0.41724	5.73E-05	2.4E-05	1.05E-03	2.50E-08	2.27E-01	1.57E-01	8.92E-10	1.0E+06	8.9E-04
76	0.44866	5.73E-05	2.6E-05	1.05E-03	2.69E-08	2.27E-01	1.57E-01	9.60E-10	1.0E+06	9.6E-04
77	0.46724	5.73E-05	2.7E-05	1.05E-03	2.80E-08	2.27E-01	1.57E-01	9.99E-10	1.0E+06	1.0E-03
78	0.45883	5.73E-05	2.6E-05	1.05E-03	2.75E-08	2.27E-01	1.57E-01	9.81E-10	1.0E+06	9.8E-04
79	0.43441	5.73E-05	2.5E-05	1.05E-03	2.60E-08	2.27E-01	1.57E-01	9.29E-10	1.0E+06	9.3E-04
80	0.4074	5.73E-05	2.3E-05	1.05E-03	2.44E-08	2.27E-01	1.57E-01	8.71E-10	1.0E+06	8.7E-04
81	0.38629	5.73E-05	2.2E-05	1.05E-03	2.31E-08	2.27E-01	1.57E-01	8.26E-10	1.0E+06	8.3E-04
82	0.37477	5.73E-05	2.1E-05	1.05E-03	2.24E-08	2.27E-01	1.57E-01	8.02E-10	1.0E+06	8.0E-04
83	0.37384	5.73E-05	2.1E-05	1.05E-03	2.24E-08	2.27E-01	1.57E-01	8.00E-10	1.0E+06	8.0E-04
84	0.38138	5.73E-05	2.2E-05	1.05E-03	2.28E-08	2.27E-01	1.57E-01	8.16E-10	1.0E+06	8.2E-04
85	0.3928	5.73E-05	2.2E-05	1.05E-03	2.35E-08	2.27E-01	1.57E-01	8.40E-10	1.0E+06	8.4E-04
86	0.40398	5.73E-05	2.3E-05	1.05E-03	2.42E-08	2.27E-01	1.57E-01	8.64E-10	1.0E+06	8.6E-04
87	0.41275	5.73E-05	2.4E-05	1.05E-03	2.47E-08	2.27E-01	1.57E-01	8.83E-10	1.0E+06	8.8E-04
88	0.41773	5.73E-05	2.4E-05	1.05E-03	2.50E-08	2.27E-01	1.57E-01	8.94E-10	1.0E+06	8.9E-04
89	0.41726	5.73E-05	2.4E-05	1.05E-03	2.50E-08	2.27E-01	1.57E-01	8.93E-10	1.0E+06	8.9E-04
90	0.41093	5.73E-05	2.4E-05	1.05E-03	2.46E-08	2.27E-01	1.57E-01	8.79E-10	1.0E+06	8.8E-04
91	0.40144	5.73E-05	2.3E-05	1.05E-03	2.40E-08	2.27E-01	1.57E-01	8.59E-10	1.0E+06	8.6E-04
92	0.39329	5.73E-05	2.3E-05	1.05E-03	2.35E-08	2.27E-01	1.57E-01	8.41E-10	1.0E+06	8.4E-04

Berkley WTPF
BoatL Mitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
93	0.38947	5.73E-05	2.2E-05	1.05E-03	2.33E-08	2.27E-01	1.57E-01	8.33E-10	1.0E+06	8.3E-04
94	0.38974	5.73E-05	2.2E-05	1.05E-03	2.33E-08	2.27E-01	1.57E-01	8.34E-10	1.0E+06	8.3E-04
95	0.39182	5.73E-05	2.2E-05	1.05E-03	2.35E-08	2.27E-01	1.57E-01	8.38E-10	1.0E+06	8.4E-04
96	0.39311	5.73E-05	2.3E-05	1.05E-03	2.35E-08	2.27E-01	1.57E-01	8.41E-10	1.0E+06	8.4E-04
97	0.39132	5.73E-05	2.2E-05	1.05E-03	2.34E-08	2.27E-01	1.57E-01	8.37E-10	1.0E+06	8.4E-04
98	0.42969	5.73E-05	2.5E-05	1.05E-03	2.57E-08	2.27E-01	1.57E-01	9.19E-10	1.0E+06	9.2E-04
99	0.44195	5.73E-05	2.5E-05	1.05E-03	2.65E-08	2.27E-01	1.57E-01	9.45E-10	1.0E+06	9.5E-04
100	0.43032	5.73E-05	2.5E-05	1.05E-03	2.58E-08	2.27E-01	1.57E-01	9.20E-10	1.0E+06	9.2E-04
101	0.40622	5.73E-05	2.3E-05	1.05E-03	2.43E-08	2.27E-01	1.57E-01	8.69E-10	1.0E+06	8.7E-04
102	0.38131	5.73E-05	2.2E-05	1.05E-03	2.28E-08	2.27E-01	1.57E-01	8.16E-10	1.0E+06	8.2E-04
103	0.36228	5.73E-05	2.1E-05	1.05E-03	2.17E-08	2.27E-01	1.57E-01	7.75E-10	1.0E+06	7.7E-04
104	0.35201	5.73E-05	2.0E-05	1.05E-03	2.11E-08	2.27E-01	1.57E-01	7.53E-10	1.0E+06	7.5E-04
105	0.3513	5.73E-05	2.0E-05	1.05E-03	2.10E-08	2.27E-01	1.57E-01	7.51E-10	1.0E+06	7.5E-04
106	0.3583	5.73E-05	2.1E-05	1.05E-03	2.14E-08	2.27E-01	1.57E-01	7.66E-10	1.0E+06	7.7E-04
107	0.36896	5.73E-05	2.1E-05	1.05E-03	2.21E-08	2.27E-01	1.57E-01	7.89E-10	1.0E+06	7.9E-04
108	0.37948	5.73E-05	2.2E-05	1.05E-03	2.27E-08	2.27E-01	1.57E-01	8.12E-10	1.0E+06	8.1E-04
109	0.38795	5.73E-05	2.2E-05	1.05E-03	2.32E-08	2.27E-01	1.57E-01	8.30E-10	1.0E+06	8.3E-04
110	0.39326	5.73E-05	2.3E-05	1.05E-03	2.35E-08	2.27E-01	1.57E-01	8.41E-10	1.0E+06	8.4E-04
111	0.39395	5.73E-05	2.3E-05	1.05E-03	2.36E-08	2.27E-01	1.57E-01	8.43E-10	1.0E+06	8.4E-04
112	0.38915	5.73E-05	2.2E-05	1.05E-03	2.33E-08	2.27E-01	1.57E-01	8.32E-10	1.0E+06	8.3E-04
113	0.38057	5.73E-05	2.2E-05	1.05E-03	2.28E-08	2.27E-01	1.57E-01	8.14E-10	1.0E+06	8.1E-04
114	0.37213	5.73E-05	2.1E-05	1.05E-03	2.23E-08	2.27E-01	1.57E-01	7.96E-10	1.0E+06	8.0E-04
115	0.3672	5.73E-05	2.1E-05	1.05E-03	2.20E-08	2.27E-01	1.57E-01	7.85E-10	1.0E+06	7.9E-04
116	0.36642	5.73E-05	2.1E-05	1.05E-03	2.19E-08	2.27E-01	1.57E-01	7.84E-10	1.0E+06	7.8E-04
117	0.36814	5.73E-05	2.1E-05	1.05E-03	2.20E-08	2.27E-01	1.57E-01	7.87E-10	1.0E+06	7.9E-04
118	0.37006	5.73E-05	2.1E-05	1.05E-03	2.22E-08	2.27E-01	1.57E-01	7.92E-10	1.0E+06	7.9E-04
119	0.37008	5.73E-05	2.1E-05	1.05E-03	2.22E-08	2.27E-01	1.57E-01	7.92E-10	1.0E+06	7.9E-04
120	0.36588	5.73E-05	2.1E-05	1.05E-03	2.19E-08	2.27E-01	1.57E-01	7.83E-10	1.0E+06	7.8E-04
121	0.38201	5.73E-05	2.2E-05	1.05E-03	2.29E-08	2.27E-01	1.57E-01	8.17E-10	1.0E+06	8.2E-04
122	0.41119	5.73E-05	2.4E-05	1.05E-03	2.46E-08	2.27E-01	1.57E-01	8.80E-10	1.0E+06	8.8E-04
123	0.418	5.73E-05	2.4E-05	1.05E-03	2.50E-08	2.27E-01	1.57E-01	8.94E-10	1.0E+06	8.9E-04

Berkley WTPF
BoatL Mitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
124	0.40405	5.73E-05	2.3E-05	1.05E-03	2.42E-08	2.27E-01	1.57E-01	8.64E-10	1.0E+06	8.6E-04
125	0.38064	5.73E-05	2.2E-05	1.05E-03	2.28E-08	2.27E-01	1.57E-01	8.14E-10	1.0E+06	8.1E-04
126	0.35773	5.73E-05	2.0E-05	1.05E-03	2.14E-08	2.27E-01	1.57E-01	7.65E-10	1.0E+06	7.7E-04
127	0.34056	5.73E-05	2.0E-05	1.05E-03	2.04E-08	2.27E-01	1.57E-01	7.28E-10	1.0E+06	7.3E-04
128	0.33137	5.73E-05	1.9E-05	1.05E-03	1.98E-08	2.27E-01	1.57E-01	7.09E-10	1.0E+06	7.1E-04
129	0.33083	5.73E-05	1.9E-05	1.05E-03	1.98E-08	2.27E-01	1.57E-01	7.08E-10	1.0E+06	7.1E-04
130	0.33736	5.73E-05	1.9E-05	1.05E-03	2.02E-08	2.27E-01	1.57E-01	7.22E-10	1.0E+06	7.2E-04
131	0.34732	5.73E-05	2.0E-05	1.05E-03	2.08E-08	2.27E-01	1.57E-01	7.43E-10	1.0E+06	7.4E-04
132	0.35725	5.73E-05	2.0E-05	1.05E-03	2.14E-08	2.27E-01	1.57E-01	7.64E-10	1.0E+06	7.6E-04
133	0.36538	5.73E-05	2.1E-05	1.05E-03	2.19E-08	2.27E-01	1.57E-01	7.82E-10	1.0E+06	7.8E-04
134	0.37087	5.73E-05	2.1E-05	1.05E-03	2.22E-08	2.27E-01	1.57E-01	7.93E-10	1.0E+06	7.9E-04
135	0.37247	5.73E-05	2.1E-05	1.05E-03	2.23E-08	2.27E-01	1.57E-01	7.97E-10	1.0E+06	8.0E-04
136	0.36908	5.73E-05	2.1E-05	1.05E-03	2.21E-08	2.27E-01	1.57E-01	7.89E-10	1.0E+06	7.9E-04
137	0.36157	5.73E-05	2.1E-05	1.05E-03	2.16E-08	2.27E-01	1.57E-01	7.73E-10	1.0E+06	7.7E-04
138	0.35317	5.73E-05	2.0E-05	1.05E-03	2.11E-08	2.27E-01	1.57E-01	7.55E-10	1.0E+06	7.6E-04
139	0.34735	5.73E-05	2.0E-05	1.05E-03	2.08E-08	2.27E-01	1.57E-01	7.43E-10	1.0E+06	7.4E-04
140	0.34549	5.73E-05	2.0E-05	1.05E-03	2.07E-08	2.27E-01	1.57E-01	7.39E-10	1.0E+06	7.4E-04
141	0.34661	5.73E-05	2.0E-05	1.05E-03	2.07E-08	2.27E-01	1.57E-01	7.41E-10	1.0E+06	7.4E-04
142	0.34869	5.73E-05	2.0E-05	1.05E-03	2.09E-08	2.27E-01	1.57E-01	7.46E-10	1.0E+06	7.5E-04
143	0.34981	5.73E-05	2.0E-05	1.05E-03	2.09E-08	2.27E-01	1.57E-01	7.48E-10	1.0E+06	7.5E-04
144	0.3475	5.73E-05	2.0E-05	1.05E-03	2.08E-08	2.27E-01	1.57E-01	7.43E-10	1.0E+06	7.4E-04
145	0.36965	5.73E-05	2.1E-05	1.05E-03	2.21E-08	2.27E-01	1.57E-01	7.91E-10	1.0E+06	7.9E-04
146	0.39316	5.73E-05	2.3E-05	1.05E-03	2.35E-08	2.27E-01	1.57E-01	8.41E-10	1.0E+06	8.4E-04
147	0.39539	5.73E-05	2.3E-05	1.05E-03	2.37E-08	2.27E-01	1.57E-01	8.46E-10	1.0E+06	8.5E-04
148	0.37985	5.73E-05	2.2E-05	1.05E-03	2.27E-08	2.27E-01	1.57E-01	8.13E-10	1.0E+06	8.1E-04
149	0.35738	5.73E-05	2.0E-05	1.05E-03	2.14E-08	2.27E-01	1.57E-01	7.64E-10	1.0E+06	7.6E-04
150	0.33636	5.73E-05	1.9E-05	1.05E-03	2.01E-08	2.27E-01	1.57E-01	7.19E-10	1.0E+06	7.2E-04
151	0.32084	5.73E-05	1.8E-05	1.05E-03	1.92E-08	2.27E-01	1.57E-01	6.86E-10	1.0E+06	6.9E-04
152	0.31259	5.73E-05	1.8E-05	1.05E-03	1.87E-08	2.27E-01	1.57E-01	6.69E-10	1.0E+06	6.7E-04
153	0.31221	5.73E-05	1.8E-05	1.05E-03	1.87E-08	2.27E-01	1.57E-01	6.68E-10	1.0E+06	6.7E-04
154	0.3183	5.73E-05	1.8E-05	1.05E-03	1.91E-08	2.27E-01	1.57E-01	6.81E-10	1.0E+06	6.8E-04

Berkley WTPF
BoatL Mitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
155	0.32762	5.73E-05	1.9E-05	1.05E-03	1.96E-08	2.27E-01	1.57E-01	7.01E-10	1.0E+06	7.0E-04
156	0.337	5.73E-05	1.9E-05	1.05E-03	2.02E-08	2.27E-01	1.57E-01	7.21E-10	1.0E+06	7.2E-04
157	0.3448	5.73E-05	2.0E-05	1.05E-03	2.06E-08	2.27E-01	1.57E-01	7.38E-10	1.0E+06	7.4E-04
158	0.35033	5.73E-05	2.0E-05	1.05E-03	2.10E-08	2.27E-01	1.57E-01	7.49E-10	1.0E+06	7.5E-04
159	0.35263	5.73E-05	2.0E-05	1.05E-03	2.11E-08	2.27E-01	1.57E-01	7.54E-10	1.0E+06	7.5E-04
160	0.35049	5.73E-05	2.0E-05	1.05E-03	2.10E-08	2.27E-01	1.57E-01	7.50E-10	1.0E+06	7.5E-04
161	0.34414	5.73E-05	2.0E-05	1.05E-03	2.06E-08	2.27E-01	1.57E-01	7.36E-10	1.0E+06	7.4E-04
162	0.33606	5.73E-05	1.9E-05	1.05E-03	2.01E-08	2.27E-01	1.57E-01	7.19E-10	1.0E+06	7.2E-04
163	0.32961	5.73E-05	1.9E-05	1.05E-03	1.97E-08	2.27E-01	1.57E-01	7.05E-10	1.0E+06	7.1E-04
164	0.32673	5.73E-05	1.9E-05	1.05E-03	1.96E-08	2.27E-01	1.57E-01	6.99E-10	1.0E+06	7.0E-04
165	0.32708	5.73E-05	1.9E-05	1.05E-03	1.96E-08	2.27E-01	1.57E-01	7.00E-10	1.0E+06	7.0E-04
166	0.32901	5.73E-05	1.9E-05	1.05E-03	1.97E-08	2.27E-01	1.57E-01	7.04E-10	1.0E+06	7.0E-04
167	0.3306	5.73E-05	1.9E-05	1.05E-03	1.98E-08	2.27E-01	1.57E-01	7.07E-10	1.0E+06	7.1E-04
168	0.3574	5.73E-05	2.0E-05	1.05E-03	2.14E-08	2.27E-01	1.57E-01	7.64E-10	1.0E+06	7.6E-04
169	0.37566	5.73E-05	2.2E-05	1.05E-03	2.25E-08	2.27E-01	1.57E-01	8.04E-10	1.0E+06	8.0E-04
170	0.3741	5.73E-05	2.1E-05	1.05E-03	2.24E-08	2.27E-01	1.57E-01	8.00E-10	1.0E+06	8.0E-04
171	0.35758	5.73E-05	2.0E-05	1.05E-03	2.14E-08	2.27E-01	1.57E-01	7.65E-10	1.0E+06	7.6E-04
172	0.33621	5.73E-05	1.9E-05	1.05E-03	2.01E-08	2.27E-01	1.57E-01	7.19E-10	1.0E+06	7.2E-04
173	0.31695	5.73E-05	1.8E-05	1.05E-03	1.90E-08	2.27E-01	1.57E-01	6.78E-10	1.0E+06	6.8E-04
174	0.30289	5.73E-05	1.7E-05	1.05E-03	1.81E-08	2.27E-01	1.57E-01	6.48E-10	1.0E+06	6.5E-04
175	0.29547	5.73E-05	1.7E-05	1.05E-03	1.77E-08	2.27E-01	1.57E-01	6.32E-10	1.0E+06	6.3E-04
176	0.29521	5.73E-05	1.7E-05	1.05E-03	1.77E-08	2.27E-01	1.57E-01	6.31E-10	1.0E+06	6.3E-04
177	0.30091	5.73E-05	1.7E-05	1.05E-03	1.80E-08	2.27E-01	1.57E-01	6.44E-10	1.0E+06	6.4E-04
178	0.30965	5.73E-05	1.8E-05	1.05E-03	1.85E-08	2.27E-01	1.57E-01	6.62E-10	1.0E+06	6.6E-04
179	0.31852	5.73E-05	1.8E-05	1.05E-03	1.91E-08	2.27E-01	1.57E-01	6.81E-10	1.0E+06	6.8E-04
180	0.32597	5.73E-05	1.9E-05	1.05E-03	1.95E-08	2.27E-01	1.57E-01	6.97E-10	1.0E+06	7.0E-04
181	0.33148	5.73E-05	1.9E-05	1.05E-03	1.98E-08	2.27E-01	1.57E-01	7.09E-10	1.0E+06	7.1E-04
182	0.33428	5.73E-05	1.9E-05	1.05E-03	2.00E-08	2.27E-01	1.57E-01	7.15E-10	1.0E+06	7.2E-04
183	0.33322	5.73E-05	1.9E-05	1.05E-03	1.99E-08	2.27E-01	1.57E-01	7.13E-10	1.0E+06	7.1E-04
184	0.32804	5.73E-05	1.9E-05	1.05E-03	1.96E-08	2.27E-01	1.57E-01	7.02E-10	1.0E+06	7.0E-04
185	0.3205	5.73E-05	1.8E-05	1.05E-03	1.92E-08	2.27E-01	1.57E-01	6.86E-10	1.0E+06	6.9E-04

Berkley WTPF
BoatL Mitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
186	0.31369	5.73E-05	1.8E-05	1.05E-03	1.88E-08	2.27E-01	1.57E-01	6.71E-10	1.0E+06	6.7E-04
187	0.30989	5.73E-05	1.8E-05	1.05E-03	1.86E-08	2.27E-01	1.57E-01	6.63E-10	1.0E+06	6.6E-04
188	0.30939	5.73E-05	1.8E-05	1.05E-03	1.85E-08	2.27E-01	1.57E-01	6.62E-10	1.0E+06	6.6E-04
189	0.31095	5.73E-05	1.8E-05	1.05E-03	1.86E-08	2.27E-01	1.57E-01	6.65E-10	1.0E+06	6.7E-04
190	0.31134	5.73E-05	1.8E-05	1.05E-03	1.86E-08	2.27E-01	1.57E-01	6.66E-10	1.0E+06	6.7E-04
191	0.34589	5.73E-05	2.0E-05	1.05E-03	2.07E-08	2.27E-01	1.57E-01	7.40E-10	1.0E+06	7.4E-04
192	0.359	5.73E-05	2.1E-05	1.05E-03	2.15E-08	2.27E-01	1.57E-01	7.68E-10	1.0E+06	7.7E-04
193	0.3541	5.73E-05	2.0E-05	1.05E-03	2.12E-08	2.27E-01	1.57E-01	7.57E-10	1.0E+06	7.6E-04
194	0.33708	5.73E-05	1.9E-05	1.05E-03	2.02E-08	2.27E-01	1.57E-01	7.21E-10	1.0E+06	7.2E-04
195	0.31691	5.73E-05	1.8E-05	1.05E-03	1.90E-08	2.27E-01	1.57E-01	6.78E-10	1.0E+06	6.8E-04
196	0.29926	5.73E-05	1.7E-05	1.05E-03	1.79E-08	2.27E-01	1.57E-01	6.40E-10	1.0E+06	6.4E-04
197	0.28651	5.73E-05	1.6E-05	1.05E-03	1.72E-08	2.27E-01	1.57E-01	6.13E-10	1.0E+06	6.1E-04
198	0.2798	5.73E-05	1.6E-05	1.05E-03	1.67E-08	2.27E-01	1.57E-01	5.99E-10	1.0E+06	6.0E-04
199	0.27965	5.73E-05	1.6E-05	1.05E-03	1.67E-08	2.27E-01	1.57E-01	5.98E-10	1.0E+06	6.0E-04
200	0.28498	5.73E-05	1.6E-05	1.05E-03	1.71E-08	2.27E-01	1.57E-01	6.10E-10	1.0E+06	6.1E-04
201	0.31414	5.73E-05	1.8E-05	1.05E-03	1.88E-08	2.27E-01	1.57E-01	6.72E-10	1.0E+06	6.7E-04
202	0.31729	5.73E-05	1.8E-05	1.05E-03	1.90E-08	2.27E-01	1.57E-01	6.79E-10	1.0E+06	6.8E-04
203	0.31714	5.73E-05	1.8E-05	1.05E-03	1.90E-08	2.27E-01	1.57E-01	6.78E-10	1.0E+06	6.8E-04
204	0.31307	5.73E-05	1.8E-05	1.05E-03	1.87E-08	2.27E-01	1.57E-01	6.70E-10	1.0E+06	6.7E-04
205	0.30625	5.73E-05	1.8E-05	1.05E-03	1.83E-08	2.27E-01	1.57E-01	6.55E-10	1.0E+06	6.6E-04
206	0.29932	5.73E-05	1.7E-05	1.05E-03	1.79E-08	2.27E-01	1.57E-01	6.40E-10	1.0E+06	6.4E-04
207	0.29476	5.73E-05	1.7E-05	1.05E-03	1.76E-08	2.27E-01	1.57E-01	6.31E-10	1.0E+06	6.3E-04
208	0.2934	5.73E-05	1.7E-05	1.05E-03	1.76E-08	2.27E-01	1.57E-01	6.28E-10	1.0E+06	6.3E-04
209	0.29443	5.73E-05	1.7E-05	1.05E-03	1.76E-08	2.27E-01	1.57E-01	6.30E-10	1.0E+06	6.3E-04
210	0.29434	5.73E-05	1.7E-05	1.05E-03	1.76E-08	2.27E-01	1.57E-01	6.30E-10	1.0E+06	6.3E-04
211	0.3347	5.73E-05	1.9E-05	1.05E-03	2.00E-08	2.27E-01	1.57E-01	7.16E-10	1.0E+06	7.2E-04
212	0.34302	5.73E-05	2.0E-05	1.05E-03	2.05E-08	2.27E-01	1.57E-01	7.34E-10	1.0E+06	7.3E-04
213	0.33534	5.73E-05	1.9E-05	1.05E-03	2.01E-08	2.27E-01	1.57E-01	7.17E-10	1.0E+06	7.2E-04
214	0.31821	5.73E-05	1.8E-05	1.05E-03	1.90E-08	2.27E-01	1.57E-01	6.81E-10	1.0E+06	6.8E-04
215	0.29926	5.73E-05	1.7E-05	1.05E-03	1.79E-08	2.27E-01	1.57E-01	6.40E-10	1.0E+06	6.4E-04
216	0.2831	5.73E-05	1.6E-05	1.05E-03	1.69E-08	2.27E-01	1.57E-01	6.06E-10	1.0E+06	6.1E-04

Berkley WTPF
BoatL Mitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
217	0.2715	5.73E-05	1.6E-05	1.05E-03	1.63E-08	2.27E-01	1.57E-01	5.81E-10	1.0E+06	5.8E-04
218	0.26544	5.73E-05	1.5E-05	1.05E-03	1.59E-08	2.27E-01	1.57E-01	5.68E-10	1.0E+06	5.7E-04
219	0.26536	5.73E-05	1.5E-05	1.05E-03	1.59E-08	2.27E-01	1.57E-01	5.68E-10	1.0E+06	5.7E-04
220	0.30212	5.73E-05	1.7E-05	1.05E-03	1.81E-08	2.27E-01	1.57E-01	6.46E-10	1.0E+06	6.5E-04
221	0.2991	5.73E-05	1.7E-05	1.05E-03	1.79E-08	2.27E-01	1.57E-01	6.40E-10	1.0E+06	6.4E-04
222	0.29309	5.73E-05	1.7E-05	1.05E-03	1.75E-08	2.27E-01	1.57E-01	6.27E-10	1.0E+06	6.3E-04
223	0.28627	5.73E-05	1.6E-05	1.05E-03	1.71E-08	2.27E-01	1.57E-01	6.12E-10	1.0E+06	6.1E-04
224	0.28114	5.73E-05	1.6E-05	1.05E-03	1.68E-08	2.27E-01	1.57E-01	6.01E-10	1.0E+06	6.0E-04
225	0.27893	5.73E-05	1.6E-05	1.05E-03	1.67E-08	2.27E-01	1.57E-01	5.97E-10	1.0E+06	6.0E-04
226	0.27927	5.73E-05	1.6E-05	1.05E-03	1.67E-08	2.27E-01	1.57E-01	5.97E-10	1.0E+06	6.0E-04
227	0.30248	5.73E-05	1.7E-05	1.05E-03	1.81E-08	2.27E-01	1.57E-01	6.47E-10	1.0E+06	6.5E-04
228	0.32266	5.73E-05	1.8E-05	1.05E-03	1.93E-08	2.27E-01	1.57E-01	6.90E-10	1.0E+06	6.9E-04
229	0.32726	5.73E-05	1.9E-05	1.05E-03	1.96E-08	2.27E-01	1.57E-01	7.00E-10	1.0E+06	7.0E-04
230	0.31777	5.73E-05	1.8E-05	1.05E-03	1.90E-08	2.27E-01	1.57E-01	6.80E-10	1.0E+06	6.8E-04
231	0.30081	5.73E-05	1.7E-05	1.05E-03	1.80E-08	2.27E-01	1.57E-01	6.43E-10	1.0E+06	6.4E-04
232	0.28309	5.73E-05	1.6E-05	1.05E-03	1.69E-08	2.27E-01	1.57E-01	6.06E-10	1.0E+06	6.1E-04
233	0.26829	5.73E-05	1.5E-05	1.05E-03	1.61E-08	2.27E-01	1.57E-01	5.74E-10	1.0E+06	5.7E-04
234	0.25773	5.73E-05	1.5E-05	1.05E-03	1.54E-08	2.27E-01	1.57E-01	5.51E-10	1.0E+06	5.5E-04
235	0.25222	5.73E-05	1.4E-05	1.05E-03	1.51E-08	2.27E-01	1.57E-01	5.40E-10	1.0E+06	5.4E-04
236	0.25222	5.73E-05	1.4E-05	1.05E-03	1.51E-08	2.27E-01	1.57E-01	5.40E-10	1.0E+06	5.4E-04
237	0.28693	5.73E-05	1.6E-05	1.05E-03	1.72E-08	2.27E-01	1.57E-01	6.14E-10	1.0E+06	6.1E-04
238	0.28808	5.73E-05	1.6E-05	1.05E-03	1.72E-08	2.27E-01	1.57E-01	6.16E-10	1.0E+06	6.2E-04
239	0.28601	5.73E-05	1.6E-05	1.05E-03	1.71E-08	2.27E-01	1.57E-01	6.12E-10	1.0E+06	6.1E-04
240	0.28086	5.73E-05	1.6E-05	1.05E-03	1.68E-08	2.27E-01	1.57E-01	6.01E-10	1.0E+06	6.0E-04
241	0.27435	5.73E-05	1.6E-05	1.05E-03	1.64E-08	2.27E-01	1.57E-01	5.87E-10	1.0E+06	5.9E-04
242	0.26883	5.73E-05	1.5E-05	1.05E-03	1.61E-08	2.27E-01	1.57E-01	5.75E-10	1.0E+06	5.8E-04
243	0.26559	5.73E-05	1.5E-05	1.05E-03	1.59E-08	2.27E-01	1.57E-01	5.68E-10	1.0E+06	5.7E-04
244	0.26466	5.73E-05	1.5E-05	1.05E-03	1.58E-08	2.27E-01	1.57E-01	5.66E-10	1.0E+06	5.7E-04
245	0.31216	5.73E-05	1.8E-05	1.05E-03	1.87E-08	2.27E-01	1.57E-01	6.68E-10	1.0E+06	6.7E-04
246	0.30134	5.73E-05	1.7E-05	1.05E-03	1.80E-08	2.27E-01	1.57E-01	6.45E-10	1.0E+06	6.4E-04
247	0.28477	5.73E-05	1.6E-05	1.05E-03	1.70E-08	2.27E-01	1.57E-01	6.09E-10	1.0E+06	6.1E-04

Berkley WTPF
BoatL Mitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
248	0.26825	5.73E-05	1.5E-05	1.05E-03	1.61E-08	2.27E-01	1.57E-01	5.74E-10	1.0E+06	5.7E-04
249	0.25469	5.73E-05	1.5E-05	1.05E-03	1.52E-08	2.27E-01	1.57E-01	5.45E-10	1.0E+06	5.4E-04
250	0.24504	5.73E-05	1.4E-05	1.05E-03	1.47E-08	2.27E-01	1.57E-01	5.24E-10	1.0E+06	5.2E-04
251	0.24004	5.73E-05	1.4E-05	1.05E-03	1.44E-08	2.27E-01	1.57E-01	5.13E-10	1.0E+06	5.1E-04
252	0.24009	5.73E-05	1.4E-05	1.05E-03	1.44E-08	2.27E-01	1.57E-01	5.14E-10	1.0E+06	5.1E-04
253	0.27335	5.73E-05	1.6E-05	1.05E-03	1.64E-08	2.27E-01	1.57E-01	5.85E-10	1.0E+06	5.8E-04
254	0.27495	5.73E-05	1.6E-05	1.05E-03	1.65E-08	2.27E-01	1.57E-01	5.88E-10	1.0E+06	5.9E-04
255	0.2737	5.73E-05	1.6E-05	1.05E-03	1.64E-08	2.27E-01	1.57E-01	5.85E-10	1.0E+06	5.9E-04
256	0.26943	5.73E-05	1.5E-05	1.05E-03	1.61E-08	2.27E-01	1.57E-01	5.76E-10	1.0E+06	5.8E-04
257	0.26336	5.73E-05	1.5E-05	1.05E-03	1.58E-08	2.27E-01	1.57E-01	5.63E-10	1.0E+06	5.6E-04
258	0.25766	5.73E-05	1.5E-05	1.05E-03	1.54E-08	2.27E-01	1.57E-01	5.51E-10	1.0E+06	5.5E-04
259	0.25355	5.73E-05	1.5E-05	1.05E-03	1.52E-08	2.27E-01	1.57E-01	5.42E-10	1.0E+06	5.4E-04
260	0.23334	5.73E-05	1.3E-05	1.05E-03	1.40E-08	2.27E-01	1.57E-01	4.99E-10	1.0E+06	5.0E-04
261	0.22878	5.73E-05	1.3E-05	1.05E-03	1.37E-08	2.27E-01	1.57E-01	4.89E-10	1.0E+06	4.9E-04
262	0.25717	5.73E-05	1.5E-05	1.05E-03	1.54E-08	2.27E-01	1.57E-01	5.50E-10	1.0E+06	5.5E-04
263	0.26073	5.73E-05	1.5E-05	1.05E-03	1.56E-08	2.27E-01	1.57E-01	5.58E-10	1.0E+06	5.6E-04
264	0.26266	5.73E-05	1.5E-05	1.05E-03	1.57E-08	2.27E-01	1.57E-01	5.62E-10	1.0E+06	5.6E-04
265	0.26212	5.73E-05	1.5E-05	1.05E-03	1.57E-08	2.27E-01	1.57E-01	5.61E-10	1.0E+06	5.6E-04
266	0.25869	5.73E-05	1.5E-05	1.05E-03	1.55E-08	2.27E-01	1.57E-01	5.53E-10	1.0E+06	5.5E-04
267	0.25318	5.73E-05	1.5E-05	1.05E-03	1.52E-08	2.27E-01	1.57E-01	5.42E-10	1.0E+06	5.4E-04
268	0.24742	5.73E-05	1.4E-05	1.05E-03	1.48E-08	2.27E-01	1.57E-01	5.29E-10	1.0E+06	5.3E-04
269	0.24261	5.73E-05	1.4E-05	1.05E-03	1.45E-08	2.27E-01	1.57E-01	5.19E-10	1.0E+06	5.2E-04
270	0.24546	5.73E-05	1.4E-05	1.05E-03	1.47E-08	2.27E-01	1.57E-01	5.25E-10	1.0E+06	5.3E-04
271	0.24899	5.73E-05	1.4E-05	1.05E-03	1.49E-08	2.27E-01	1.57E-01	5.33E-10	1.0E+06	5.3E-04
272	0.25114	5.73E-05	1.4E-05	1.05E-03	1.50E-08	2.27E-01	1.57E-01	5.37E-10	1.0E+06	5.4E-04
273	0.25119	5.73E-05	1.4E-05	1.05E-03	1.50E-08	2.27E-01	1.57E-01	5.37E-10	1.0E+06	5.4E-04
274	0.24857	5.73E-05	1.4E-05	1.05E-03	1.49E-08	2.27E-01	1.57E-01	5.32E-10	1.0E+06	5.3E-04
275	0.24369	5.73E-05	1.4E-05	1.05E-03	1.46E-08	2.27E-01	1.57E-01	5.21E-10	1.0E+06	5.2E-04
276	0.23757	5.73E-05	1.4E-05	1.05E-03	1.42E-08	2.27E-01	1.57E-01	5.08E-10	1.0E+06	5.1E-04
277	0.20388	5.73E-05	1.2E-05	1.05E-03	1.22E-08	2.27E-01	1.57E-01	4.36E-10	1.0E+06	4.4E-04
278	0.2281	5.73E-05	1.3E-05	1.05E-03	1.37E-08	2.27E-01	1.57E-01	4.88E-10	1.0E+06	4.9E-04

Berkley WTPF
BoatL Mitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
279	0.25232	5.73E-05	1.4E-05	1.05E-03	1.51E-08	2.27E-01	1.57E-01	5.40E-10	1.0E+06	5.4E-04
280	0.26998	5.73E-05	1.5E-05	1.05E-03	1.62E-08	2.27E-01	1.57E-01	5.78E-10	1.0E+06	5.8E-04
281	0.27622	5.73E-05	1.6E-05	1.05E-03	1.65E-08	2.27E-01	1.57E-01	5.91E-10	1.0E+06	5.9E-04
282	0.23013	5.73E-05	1.3E-05	1.05E-03	1.38E-08	2.27E-01	1.57E-01	4.92E-10	1.0E+06	4.9E-04
283	0.23459	5.73E-05	1.3E-05	1.05E-03	1.40E-08	2.27E-01	1.57E-01	5.02E-10	1.0E+06	5.0E-04
284	0.23805	5.73E-05	1.4E-05	1.05E-03	1.42E-08	2.27E-01	1.57E-01	5.09E-10	1.0E+06	5.1E-04
285	0.24035	5.73E-05	1.4E-05	1.05E-03	1.44E-08	2.27E-01	1.57E-01	5.14E-10	1.0E+06	5.1E-04
286	0.24089	5.73E-05	1.4E-05	1.05E-03	1.44E-08	2.27E-01	1.57E-01	5.15E-10	1.0E+06	5.2E-04
287	0.23899	5.73E-05	1.4E-05	1.05E-03	1.43E-08	2.27E-01	1.57E-01	5.11E-10	1.0E+06	5.1E-04
288	0.23477	5.73E-05	1.3E-05	1.05E-03	1.41E-08	2.27E-01	1.57E-01	5.02E-10	1.0E+06	5.0E-04
289	0.22849	5.73E-05	1.3E-05	1.05E-03	1.37E-08	2.27E-01	1.57E-01	4.89E-10	1.0E+06	4.9E-04
290	0.1819	5.73E-05	1.0E-05	1.05E-03	1.09E-08	2.27E-01	1.57E-01	3.89E-10	1.0E+06	3.9E-04
291	0.20129	5.73E-05	1.2E-05	1.05E-03	1.20E-08	2.27E-01	1.57E-01	4.31E-10	1.0E+06	4.3E-04
292	0.2247	5.73E-05	1.3E-05	1.05E-03	1.35E-08	2.27E-01	1.57E-01	4.81E-10	1.0E+06	4.8E-04
293	0.2469	5.73E-05	1.4E-05	1.05E-03	1.48E-08	2.27E-01	1.57E-01	5.28E-10	1.0E+06	5.3E-04
294	0.26166	5.73E-05	1.5E-05	1.05E-03	1.57E-08	2.27E-01	1.57E-01	5.60E-10	1.0E+06	5.6E-04
295	0.26527	5.73E-05	1.5E-05	1.05E-03	1.59E-08	2.27E-01	1.57E-01	5.67E-10	1.0E+06	5.7E-04
296	0.25855	5.73E-05	1.5E-05	1.05E-03	1.55E-08	2.27E-01	1.57E-01	5.53E-10	1.0E+06	5.5E-04
297	0.24585	5.73E-05	1.4E-05	1.05E-03	1.47E-08	2.27E-01	1.57E-01	5.26E-10	1.0E+06	5.3E-04
298	0.23195	5.73E-05	1.3E-05	1.05E-03	1.39E-08	2.27E-01	1.57E-01	4.96E-10	1.0E+06	5.0E-04
299	0.21971	5.73E-05	1.3E-05	1.05E-03	1.32E-08	2.27E-01	1.57E-01	4.70E-10	1.0E+06	4.7E-04
300	0.21003	5.73E-05	1.2E-05	1.05E-03	1.26E-08	2.27E-01	1.57E-01	4.49E-10	1.0E+06	4.5E-04
301	0.22017	5.73E-05	1.3E-05	1.05E-03	1.32E-08	2.27E-01	1.57E-01	4.71E-10	1.0E+06	4.7E-04
302	0.22447	5.73E-05	1.3E-05	1.05E-03	1.34E-08	2.27E-01	1.57E-01	4.80E-10	1.0E+06	4.8E-04
303	0.22785	5.73E-05	1.3E-05	1.05E-03	1.36E-08	2.27E-01	1.57E-01	4.87E-10	1.0E+06	4.9E-04
304	0.23024	5.73E-05	1.3E-05	1.05E-03	1.38E-08	2.27E-01	1.57E-01	4.92E-10	1.0E+06	4.9E-04
305	0.23116	5.73E-05	1.3E-05	1.05E-03	1.38E-08	2.27E-01	1.57E-01	4.94E-10	1.0E+06	4.9E-04
306	0.2299	5.73E-05	1.3E-05	1.05E-03	1.38E-08	2.27E-01	1.57E-01	4.92E-10	1.0E+06	4.9E-04
307	0.22636	5.73E-05	1.3E-05	1.05E-03	1.36E-08	2.27E-01	1.57E-01	4.84E-10	1.0E+06	4.8E-04
308	0.17877	5.73E-05	1.0E-05	1.05E-03	1.07E-08	2.27E-01	1.57E-01	3.82E-10	1.0E+06	3.8E-04
309	0.19868	5.73E-05	1.1E-05	1.05E-03	1.19E-08	2.27E-01	1.57E-01	4.25E-10	1.0E+06	4.2E-04

Berkley WTPF
BoatL Mitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
310	0.22128	5.73E-05	1.3E-05	1.05E-03	1.32E-08	2.27E-01	1.57E-01	4.73E-10	1.0E+06	4.7E-04
311	0.24134	5.73E-05	1.4E-05	1.05E-03	1.44E-08	2.27E-01	1.57E-01	5.16E-10	1.0E+06	5.2E-04
312	0.25334	5.73E-05	1.5E-05	1.05E-03	1.52E-08	2.27E-01	1.57E-01	5.42E-10	1.0E+06	5.4E-04
313	0.25465	5.73E-05	1.5E-05	1.05E-03	1.52E-08	2.27E-01	1.57E-01	5.45E-10	1.0E+06	5.4E-04
314	0.24683	5.73E-05	1.4E-05	1.05E-03	1.48E-08	2.27E-01	1.57E-01	5.28E-10	1.0E+06	5.3E-04
315	0.23423	5.73E-05	1.3E-05	1.05E-03	1.40E-08	2.27E-01	1.57E-01	5.01E-10	1.0E+06	5.0E-04
316	0.22111	5.73E-05	1.3E-05	1.05E-03	1.32E-08	2.27E-01	1.57E-01	4.73E-10	1.0E+06	4.7E-04
317	0.20978	5.73E-05	1.2E-05	1.05E-03	1.26E-08	2.27E-01	1.57E-01	4.49E-10	1.0E+06	4.5E-04
318	0.20085	5.73E-05	1.2E-05	1.05E-03	1.20E-08	2.27E-01	1.57E-01	4.30E-10	1.0E+06	4.3E-04
319	0.19454	5.73E-05	1.1E-05	1.05E-03	1.16E-08	2.27E-01	1.57E-01	4.16E-10	1.0E+06	4.2E-04
320	0.19133	5.73E-05	1.1E-05	1.05E-03	1.15E-08	2.27E-01	1.57E-01	4.09E-10	1.0E+06	4.1E-04
321	0.19155	5.73E-05	1.1E-05	1.05E-03	1.15E-08	2.27E-01	1.57E-01	4.10E-10	1.0E+06	4.1E-04
322	0.19487	5.73E-05	1.1E-05	1.05E-03	1.17E-08	2.27E-01	1.57E-01	4.17E-10	1.0E+06	4.2E-04
323	0.21089	5.73E-05	1.2E-05	1.05E-03	1.26E-08	2.27E-01	1.57E-01	4.51E-10	1.0E+06	4.5E-04
324	0.21504	5.73E-05	1.2E-05	1.05E-03	1.29E-08	2.27E-01	1.57E-01	4.60E-10	1.0E+06	4.6E-04
325	0.21832	5.73E-05	1.3E-05	1.05E-03	1.31E-08	2.27E-01	1.57E-01	4.67E-10	1.0E+06	4.7E-04
326	0.22076	5.73E-05	1.3E-05	1.05E-03	1.32E-08	2.27E-01	1.57E-01	4.72E-10	1.0E+06	4.7E-04
327	0.22197	5.73E-05	1.3E-05	1.05E-03	1.33E-08	2.27E-01	1.57E-01	4.75E-10	1.0E+06	4.7E-04
328	0.22128	5.73E-05	1.3E-05	1.05E-03	1.32E-08	2.27E-01	1.57E-01	4.73E-10	1.0E+06	4.7E-04
329	0.21839	5.73E-05	1.3E-05	1.05E-03	1.31E-08	2.27E-01	1.57E-01	4.67E-10	1.0E+06	4.7E-04
330	0.17615	5.73E-05	1.0E-05	1.05E-03	1.05E-08	2.27E-01	1.57E-01	3.77E-10	1.0E+06	3.8E-04
331	0.19628	5.73E-05	1.1E-05	1.05E-03	1.17E-08	2.27E-01	1.57E-01	4.20E-10	1.0E+06	4.2E-04
332	0.21781	5.73E-05	1.2E-05	1.05E-03	1.30E-08	2.27E-01	1.57E-01	4.66E-10	1.0E+06	4.7E-04
333	0.23565	5.73E-05	1.3E-05	1.05E-03	1.41E-08	2.27E-01	1.57E-01	5.04E-10	1.0E+06	5.0E-04
334	0.24507	5.73E-05	1.4E-05	1.05E-03	1.47E-08	2.27E-01	1.57E-01	5.24E-10	1.0E+06	5.2E-04
335	0.2444	5.73E-05	1.4E-05	1.05E-03	1.46E-08	2.27E-01	1.57E-01	5.23E-10	1.0E+06	5.2E-04
336	0.23575	5.73E-05	1.4E-05	1.05E-03	1.41E-08	2.27E-01	1.57E-01	5.04E-10	1.0E+06	5.0E-04
337	0.22339	5.73E-05	1.3E-05	1.05E-03	1.34E-08	2.27E-01	1.57E-01	4.78E-10	1.0E+06	4.8E-04
338	0.21105	5.73E-05	1.2E-05	1.05E-03	1.26E-08	2.27E-01	1.57E-01	4.51E-10	1.0E+06	4.5E-04
339	0.20055	5.73E-05	1.1E-05	1.05E-03	1.20E-08	2.27E-01	1.57E-01	4.29E-10	1.0E+06	4.3E-04
340	0.19231	5.73E-05	1.1E-05	1.05E-03	1.15E-08	2.27E-01	1.57E-01	4.11E-10	1.0E+06	4.1E-04

Berkley WTPF
BoatL Mitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
341	0.18648	5.73E-05	1.1E-05	1.05E-03	1.12E-08	2.27E-01	1.57E-01	3.99E-10	1.0E+06	4.0E-04
342	0.18352	5.73E-05	1.1E-05	1.05E-03	1.10E-08	2.27E-01	1.57E-01	3.93E-10	1.0E+06	3.9E-04
343	0.18376	5.73E-05	1.1E-05	1.05E-03	1.10E-08	2.27E-01	1.57E-01	3.93E-10	1.0E+06	3.9E-04
344	0.1869	5.73E-05	1.1E-05	1.05E-03	1.12E-08	2.27E-01	1.57E-01	4.00E-10	1.0E+06	4.0E-04
345	0.19186	5.73E-05	1.1E-05	1.05E-03	1.15E-08	2.27E-01	1.57E-01	4.10E-10	1.0E+06	4.1E-04
346	0.1973	5.73E-05	1.1E-05	1.05E-03	1.18E-08	2.27E-01	1.57E-01	4.22E-10	1.0E+06	4.2E-04
347	0.20222	5.73E-05	1.2E-05	1.05E-03	1.21E-08	2.27E-01	1.57E-01	4.33E-10	1.0E+06	4.3E-04
348	0.20624	5.73E-05	1.2E-05	1.05E-03	1.23E-08	2.27E-01	1.57E-01	4.41E-10	1.0E+06	4.4E-04
349	0.20942	5.73E-05	1.2E-05	1.05E-03	1.25E-08	2.27E-01	1.57E-01	4.48E-10	1.0E+06	4.5E-04
350	0.21187	5.73E-05	1.2E-05	1.05E-03	1.27E-08	2.27E-01	1.57E-01	4.53E-10	1.0E+06	4.5E-04
351	0.21307	5.73E-05	1.2E-05	1.05E-03	1.28E-08	2.27E-01	1.57E-01	4.56E-10	1.0E+06	4.6E-04
352	0.21273	5.73E-05	1.2E-05	1.05E-03	1.27E-08	2.27E-01	1.57E-01	4.55E-10	1.0E+06	4.6E-04
353	0.17395	5.73E-05	1.0E-05	1.05E-03	1.04E-08	2.27E-01	1.57E-01	3.72E-10	1.0E+06	3.7E-04
354	0.19399	5.73E-05	1.1E-05	1.05E-03	1.16E-08	2.27E-01	1.57E-01	4.15E-10	1.0E+06	4.1E-04
355	0.21423	5.73E-05	1.2E-05	1.05E-03	1.28E-08	2.27E-01	1.57E-01	4.58E-10	1.0E+06	4.6E-04
356	0.22984	5.73E-05	1.3E-05	1.05E-03	1.38E-08	2.27E-01	1.57E-01	4.92E-10	1.0E+06	4.9E-04
357	0.23688	5.73E-05	1.4E-05	1.05E-03	1.42E-08	2.27E-01	1.57E-01	5.07E-10	1.0E+06	5.1E-04
358	0.23452	5.73E-05	1.3E-05	1.05E-03	1.40E-08	2.27E-01	1.57E-01	5.02E-10	1.0E+06	5.0E-04
359	0.2253	5.73E-05	1.3E-05	1.05E-03	1.35E-08	2.27E-01	1.57E-01	4.82E-10	1.0E+06	4.8E-04
360	0.21328	5.73E-05	1.2E-05	1.05E-03	1.28E-08	2.27E-01	1.57E-01	4.56E-10	1.0E+06	4.6E-04
361	0.2017	5.73E-05	1.2E-05	1.05E-03	1.21E-08	2.27E-01	1.57E-01	4.31E-10	1.0E+06	4.3E-04
362	0.19198	5.73E-05	1.1E-05	1.05E-03	1.15E-08	2.27E-01	1.57E-01	4.11E-10	1.0E+06	4.1E-04
363	0.18435	5.73E-05	1.1E-05	1.05E-03	1.10E-08	2.27E-01	1.57E-01	3.94E-10	1.0E+06	3.9E-04
364	0.17896	5.73E-05	1.0E-05	1.05E-03	1.07E-08	2.27E-01	1.57E-01	3.83E-10	1.0E+06	3.8E-04
365	0.17622	5.73E-05	1.0E-05	1.05E-03	1.05E-08	2.27E-01	1.57E-01	3.77E-10	1.0E+06	3.8E-04
366	0.17649	5.73E-05	1.0E-05	1.05E-03	1.06E-08	2.27E-01	1.57E-01	3.78E-10	1.0E+06	3.8E-04
367	0.17946	5.73E-05	1.0E-05	1.05E-03	1.07E-08	2.27E-01	1.57E-01	3.84E-10	1.0E+06	3.8E-04
368	0.18417	5.73E-05	1.1E-05	1.05E-03	1.10E-08	2.27E-01	1.57E-01	3.94E-10	1.0E+06	3.9E-04
369	0.18937	5.73E-05	1.1E-05	1.05E-03	1.13E-08	2.27E-01	1.57E-01	4.05E-10	1.0E+06	4.1E-04
370	0.19408	5.73E-05	1.1E-05	1.05E-03	1.16E-08	2.27E-01	1.57E-01	4.15E-10	1.0E+06	4.2E-04
371	0.19794	5.73E-05	1.1E-05	1.05E-03	1.18E-08	2.27E-01	1.57E-01	4.23E-10	1.0E+06	4.2E-04

Berkley WTPF
BoatL Mitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
372	0.20101	5.73E-05	1.2E-05	1.05E-03	1.20E-08	2.27E-01	1.57E-01	4.30E-10	1.0E+06	4.3E-04
373	0.19174	5.73E-05	1.1E-05	1.05E-03	1.15E-08	2.27E-01	1.57E-01	4.10E-10	1.0E+06	4.1E-04
374	0.21052	5.73E-05	1.2E-05	1.05E-03	1.26E-08	2.27E-01	1.57E-01	4.50E-10	1.0E+06	4.5E-04
375	0.22393	5.73E-05	1.3E-05	1.05E-03	1.34E-08	2.27E-01	1.57E-01	4.79E-10	1.0E+06	4.8E-04
376	0.22879	5.73E-05	1.3E-05	1.05E-03	1.37E-08	2.27E-01	1.57E-01	4.89E-10	1.0E+06	4.9E-04
377	0.22503	5.73E-05	1.3E-05	1.05E-03	1.35E-08	2.27E-01	1.57E-01	4.81E-10	1.0E+06	4.8E-04
378	0.21544	5.73E-05	1.2E-05	1.05E-03	1.29E-08	2.27E-01	1.57E-01	4.61E-10	1.0E+06	4.6E-04
379	0.20384	5.73E-05	1.2E-05	1.05E-03	1.22E-08	2.27E-01	1.57E-01	4.36E-10	1.0E+06	4.4E-04
380	0.193	5.73E-05	1.1E-05	1.05E-03	1.16E-08	2.27E-01	1.57E-01	4.13E-10	1.0E+06	4.1E-04
381	0.18399	5.73E-05	1.1E-05	1.05E-03	1.10E-08	2.27E-01	1.57E-01	3.94E-10	1.0E+06	3.9E-04
382	0.17693	5.73E-05	1.0E-05	1.05E-03	1.06E-08	2.27E-01	1.57E-01	3.78E-10	1.0E+06	3.8E-04
383	0.17193	5.73E-05	9.8E-06	1.05E-03	1.03E-08	2.27E-01	1.57E-01	3.68E-10	1.0E+06	3.7E-04
384	0.1694	5.73E-05	9.7E-06	1.05E-03	1.01E-08	2.27E-01	1.57E-01	3.62E-10	1.0E+06	3.6E-04
385	0.16967	5.73E-05	9.7E-06	1.05E-03	1.02E-08	2.27E-01	1.57E-01	3.63E-10	1.0E+06	3.6E-04
386	0.17249	5.73E-05	9.9E-06	1.05E-03	1.03E-08	2.27E-01	1.57E-01	3.69E-10	1.0E+06	3.7E-04
387	0.17697	5.73E-05	1.0E-05	1.05E-03	1.06E-08	2.27E-01	1.57E-01	3.79E-10	1.0E+06	3.8E-04
388	0.1818	5.73E-05	1.0E-05	1.05E-03	1.09E-08	2.27E-01	1.57E-01	3.89E-10	1.0E+06	3.9E-04
389	0.18922	5.73E-05	1.1E-05	1.05E-03	1.13E-08	2.27E-01	1.57E-01	4.05E-10	1.0E+06	4.0E-04
390	0.20639	5.73E-05	1.2E-05	1.05E-03	1.24E-08	2.27E-01	1.57E-01	4.41E-10	1.0E+06	4.4E-04
391	0.21782	5.73E-05	1.2E-05	1.05E-03	1.30E-08	2.27E-01	1.57E-01	4.66E-10	1.0E+06	4.7E-04
392	0.22085	5.73E-05	1.3E-05	1.05E-03	1.32E-08	2.27E-01	1.57E-01	4.72E-10	1.0E+06	4.7E-04
393	0.21593	5.73E-05	1.2E-05	1.05E-03	1.29E-08	2.27E-01	1.57E-01	4.62E-10	1.0E+06	4.6E-04
394	0.20616	5.73E-05	1.2E-05	1.05E-03	1.23E-08	2.27E-01	1.57E-01	4.41E-10	1.0E+06	4.4E-04
395	0.19503	5.73E-05	1.1E-05	1.05E-03	1.17E-08	2.27E-01	1.57E-01	4.17E-10	1.0E+06	4.2E-04
396	0.18489	5.73E-05	1.1E-05	1.05E-03	1.11E-08	2.27E-01	1.57E-01	3.95E-10	1.0E+06	4.0E-04
397	0.17654	5.73E-05	1.0E-05	1.05E-03	1.06E-08	2.27E-01	1.57E-01	3.78E-10	1.0E+06	3.8E-04
398	0.16999	5.73E-05	9.7E-06	1.05E-03	1.02E-08	2.27E-01	1.57E-01	3.64E-10	1.0E+06	3.6E-04
399	0.16534	5.73E-05	9.5E-06	1.05E-03	9.90E-09	2.27E-01	1.57E-01	3.54E-10	1.0E+06	3.5E-04
400	0.16301	5.73E-05	9.3E-06	1.05E-03	9.76E-09	2.27E-01	1.57E-01	3.49E-10	1.0E+06	3.5E-04
401	0.16329	5.73E-05	9.4E-06	1.05E-03	9.77E-09	2.27E-01	1.57E-01	3.49E-10	1.0E+06	3.5E-04
402	0.16597	5.73E-05	9.5E-06	1.05E-03	9.94E-09	2.27E-01	1.57E-01	3.55E-10	1.0E+06	3.6E-04

Berkley WTPF
BoatL Mitigated Risk

					Cancer Risk from Birth to 2 years - Construction					
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
403	0.17023	5.73E-05	9.7E-06	1.05E-03	1.02E-08	2.27E-01	1.57E-01	3.64E-10	1.0E+06	3.6E-04
404	0.20192	5.73E-05	1.2E-05	1.05E-03	1.21E-08	2.27E-01	1.57E-01	4.32E-10	1.0E+06	4.3E-04
405	0.21156	5.73E-05	1.2E-05	1.05E-03	1.27E-08	2.27E-01	1.57E-01	4.53E-10	1.0E+06	4.5E-04
406	0.21302	5.73E-05	1.2E-05	1.05E-03	1.28E-08	2.27E-01	1.57E-01	4.56E-10	1.0E+06	4.6E-04
407	0.20724	5.73E-05	1.2E-05	1.05E-03	1.24E-08	2.27E-01	1.57E-01	4.43E-10	1.0E+06	4.4E-04
408	0.19742	5.73E-05	1.1E-05	1.05E-03	1.18E-08	2.27E-01	1.57E-01	4.22E-10	1.0E+06	4.2E-04
409	0.1868	5.73E-05	1.1E-05	1.05E-03	1.12E-08	2.27E-01	1.57E-01	4.00E-10	1.0E+06	4.0E-04
410	0.17733	5.73E-05	1.0E-05	1.05E-03	1.06E-08	2.27E-01	1.57E-01	3.79E-10	1.0E+06	3.8E-04
411	0.16958	5.73E-05	9.7E-06	1.05E-03	1.02E-08	2.27E-01	1.57E-01	3.63E-10	1.0E+06	3.6E-04
412	0.16349	5.73E-05	9.4E-06	1.05E-03	9.79E-09	2.27E-01	1.57E-01	3.50E-10	1.0E+06	3.5E-04
413	0.15917	5.73E-05	9.1E-06	1.05E-03	9.53E-09	2.27E-01	1.57E-01	3.40E-10	1.0E+06	3.4E-04
414	0.157	5.73E-05	9.0E-06	1.05E-03	9.40E-09	2.27E-01	1.57E-01	3.36E-10	1.0E+06	3.4E-04
415	0.15729	5.73E-05	9.0E-06	1.05E-03	9.42E-09	2.27E-01	1.57E-01	3.36E-10	1.0E+06	3.4E-04
416	0.15984	5.73E-05	9.2E-06	1.05E-03	9.57E-09	2.27E-01	1.57E-01	3.42E-10	1.0E+06	3.4E-04
417	0.16388	5.73E-05	9.4E-06	1.05E-03	9.81E-09	2.27E-01	1.57E-01	3.51E-10	1.0E+06	3.5E-04
418	0.20472	5.73E-05	1.2E-05	1.05E-03	1.23E-08	2.27E-01	1.57E-01	4.38E-10	1.0E+06	4.4E-04
419	0.1989	5.73E-05	1.1E-05	1.05E-03	1.19E-08	2.27E-01	1.57E-01	4.25E-10	1.0E+06	4.3E-04
420	0.18919	5.73E-05	1.1E-05	1.05E-03	1.13E-08	2.27E-01	1.57E-01	4.05E-10	1.0E+06	4.0E-04
421	0.1791	5.73E-05	1.0E-05	1.05E-03	1.07E-08	2.27E-01	1.57E-01	3.83E-10	1.0E+06	3.8E-04
422	0.17027	5.73E-05	9.8E-06	1.05E-03	1.02E-08	2.27E-01	1.57E-01	3.64E-10	1.0E+06	3.6E-04
423	0.16307	5.73E-05	9.3E-06	1.05E-03	9.76E-09	2.27E-01	1.57E-01	3.49E-10	1.0E+06	3.5E-04
424	0.1574	5.73E-05	9.0E-06	1.05E-03	9.42E-09	2.27E-01	1.57E-01	3.37E-10	1.0E+06	3.4E-04
425	0.15337	5.73E-05	8.8E-06	1.05E-03	9.18E-09	2.27E-01	1.57E-01	3.28E-10	1.0E+06	3.3E-04
426	0.15136	5.73E-05	8.7E-06	1.05E-03	9.06E-09	2.27E-01	1.57E-01	3.24E-10	1.0E+06	3.2E-04
427	0.15166	5.73E-05	8.7E-06	1.05E-03	9.08E-09	2.27E-01	1.57E-01	3.24E-10	1.0E+06	3.2E-04
428	0.15408	5.73E-05	8.8E-06	1.05E-03	9.22E-09	2.27E-01	1.57E-01	3.30E-10	1.0E+06	3.3E-04
429	0.15766	5.73E-05	9.0E-06	1.05E-03	9.44E-09	2.27E-01	1.57E-01	3.37E-10	1.0E+06	3.4E-04
430	0.15662	5.73E-05	9.0E-06	1.05E-03	9.38E-09	2.27E-01	1.57E-01	3.35E-10	1.0E+06	3.4E-04
431	0.15143	5.73E-05	8.7E-06	1.05E-03	9.06E-09	2.27E-01	1.57E-01	3.24E-10	1.0E+06	3.2E-04
432	0.14767	5.73E-05	8.5E-06	1.05E-03	8.84E-09	2.27E-01	1.57E-01	3.16E-10	1.0E+06	3.2E-04
433	0.14596	5.73E-05	8.4E-06	1.05E-03	8.74E-09	2.27E-01	1.57E-01	3.12E-10	1.0E+06	3.1E-04

Berkley WTPF
BoatL Mitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
434	0.14635	5.73E-05	8.4E-06	1.05E-03	8.76E-09	2.27E-01	1.57E-01	3.13E-10	1.0E+06	3.1E-04
435	0.14866	5.73E-05	8.5E-06	1.05E-03	8.90E-09	2.27E-01	1.57E-01	3.18E-10	1.0E+06	3.2E-04

Berkley WTPF
BoatL Mitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
		Residence	
1	5	7.32E-06	7.32E-06
2	5	7.17E-06	7.17E-06
3	5	6.76E-06	6.76E-06
4	5	6.35E-06	6.35E-06
5	5	6.10E-06	6.10E-06
6	5	6.06E-06	6.06E-06
7	5	6.17E-06	6.17E-06
8	5	6.36E-06	6.36E-06
9	5	6.64E-06	6.64E-06
10	5	6.85E-06	6.85E-06
11	5	6.64E-06	6.64E-06
12	5	6.24E-06	6.24E-06
13	5	5.87E-06	5.87E-06
14	5	5.66E-06	5.66E-06
15	5	5.63E-06	5.63E-06
16	5	5.75E-06	5.75E-06
17	5	5.93E-06	5.93E-06
18	5	6.08E-06	6.08E-06
19	5	6.16E-06	6.16E-06
20	5	6.18E-06	6.18E-06
21	5	6.29E-06	6.29E-06
22	5	6.41E-06	6.41E-06
23	5	6.16E-06	6.16E-06
24	5	5.78E-06	5.78E-06
25	5	5.45E-06	5.45E-06
26	5	5.26E-06	5.26E-06
27	5	5.24E-06	5.24E-06
28	5	5.35E-06	5.35E-06
29	5	5.51E-06	5.51E-06
30	5	5.66E-06	5.66E-06

Max	Receptor #	
7.323E-06	1	Res
1.351E-05	437	Park
2.084E-05	1	Total

Berkley WTPF
BoatL Mitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
31	5	5.77E-06	5.77E-06
32	5	5.80E-06	5.80E-06
33	5	5.73E-06	5.73E-06
34	5	5.61E-06	5.61E-06
35	5	5.49E-06	5.49E-06
36	5	5.42E-06	5.42E-06
37	5	5.97E-06	5.97E-06
38	5	5.99E-06	5.99E-06
39	5	5.73E-06	5.73E-06
40	5	5.37E-06	5.37E-06
41	5	5.07E-06	5.07E-06
42	5	4.90E-06	4.90E-06
43	5	4.88E-06	4.88E-06
44	5	4.98E-06	4.98E-06
45	5	5.14E-06	5.14E-06
46	5	5.28E-06	5.28E-06
47	5	5.39E-06	5.39E-06
48	5	5.43E-06	5.43E-06
49	5	5.39E-06	5.39E-06
50	5	5.28E-06	5.28E-06
51	5	5.16E-06	5.16E-06
52	5	5.08E-06	5.08E-06
53	5	5.06E-06	5.06E-06
54	5	5.08E-06	5.08E-06
55	5	5.09E-06	5.09E-06
56	5	5.36E-06	5.36E-06
57	5	5.66E-06	5.66E-06
58	5	5.61E-06	5.61E-06
59	5	5.33E-06	5.33E-06
60	5	5.00E-06	5.00E-06
61	5	4.73E-06	4.73E-06

Berkley WTPF
BoatL Mitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
62	5	4.58E-06	4.58E-06
63	5	4.57E-06	4.57E-06
64	5	4.66E-06	4.66E-06
65	5	4.80E-06	4.80E-06
66	5	4.94E-06	4.94E-06
67	5	5.04E-06	5.04E-06
68	5	5.09E-06	5.09E-06
69	5	5.07E-06	5.07E-06
70	5	4.98E-06	4.98E-06
71	5	4.86E-06	4.86E-06
72	5	4.78E-06	4.78E-06
73	5	4.75E-06	4.75E-06
74	5	4.76E-06	4.76E-06
75	5	4.78E-06	4.78E-06
76	5	5.14E-06	5.14E-06
77	5	5.35E-06	5.35E-06
78	5	5.26E-06	5.26E-06
79	5	4.98E-06	4.98E-06
80	5	4.67E-06	4.67E-06
81	5	4.42E-06	4.42E-06
82	5	4.29E-06	4.29E-06
83	5	4.28E-06	4.28E-06
84	5	4.37E-06	4.37E-06
85	5	4.50E-06	4.50E-06
86	5	4.63E-06	4.63E-06
87	5	4.73E-06	4.73E-06
88	5	4.78E-06	4.78E-06
89	5	4.78E-06	4.78E-06
90	5	4.71E-06	4.71E-06
91	5	4.60E-06	4.60E-06
92	5	4.50E-06	4.50E-06

Berkley WTPF
BoatL Mitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
93	5	4.46E-06	4.46E-06
94	5	4.46E-06	4.46E-06
95	5	4.49E-06	4.49E-06
96	5	4.50E-06	4.50E-06
97	5	4.48E-06	4.48E-06
98	5	4.92E-06	4.92E-06
99	5	5.06E-06	5.06E-06
100	5	4.93E-06	4.93E-06
101	5	4.65E-06	4.65E-06
102	5	4.37E-06	4.37E-06
103	5	4.15E-06	4.15E-06
104	5	4.03E-06	4.03E-06
105	5	4.02E-06	4.02E-06
106	5	4.10E-06	4.10E-06
107	5	4.23E-06	4.23E-06
108	5	4.35E-06	4.35E-06
109	5	4.44E-06	4.44E-06
110	5	4.50E-06	4.50E-06
111	5	4.51E-06	4.51E-06
112	5	4.46E-06	4.46E-06
113	5	4.36E-06	4.36E-06
114	5	4.26E-06	4.26E-06
115	5	4.21E-06	4.21E-06
116	5	4.20E-06	4.20E-06
117	5	4.22E-06	4.22E-06
118	5	4.24E-06	4.24E-06
119	5	4.24E-06	4.24E-06
120	5	4.19E-06	4.19E-06
121	5	4.38E-06	4.38E-06
122	5	4.71E-06	4.71E-06
123	5	4.79E-06	4.79E-06

Berkley WTPF
BoatL Mitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
124	5	4.63E-06	4.63E-06
125	5	4.36E-06	4.36E-06
126	5	4.10E-06	4.10E-06
127	5	3.90E-06	3.90E-06
128	5	3.80E-06	3.80E-06
129	5	3.79E-06	3.79E-06
130	5	3.86E-06	3.86E-06
131	5	3.98E-06	3.98E-06
132	5	4.09E-06	4.09E-06
133	5	4.19E-06	4.19E-06
134	5	4.25E-06	4.25E-06
135	5	4.27E-06	4.27E-06
136	5	4.23E-06	4.23E-06
137	5	4.14E-06	4.14E-06
138	5	4.05E-06	4.05E-06
139	5	3.98E-06	3.98E-06
140	5	3.96E-06	3.96E-06
141	5	3.97E-06	3.97E-06
142	5	3.99E-06	3.99E-06
143	5	4.01E-06	4.01E-06
144	5	3.98E-06	3.98E-06
145	5	4.23E-06	4.23E-06
146	5	4.50E-06	4.50E-06
147	5	4.53E-06	4.53E-06
148	5	4.35E-06	4.35E-06
149	5	4.09E-06	4.09E-06
150	5	3.85E-06	3.85E-06
151	5	3.68E-06	3.68E-06
152	5	3.58E-06	3.58E-06
153	5	3.58E-06	3.58E-06
154	5	3.65E-06	3.65E-06

Berkley WTPF
BoatL Mitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
155	5	3.75E-06	3.75E-06
156	5	3.86E-06	3.86E-06
157	5	3.95E-06	3.95E-06
158	5	4.01E-06	4.01E-06
159	5	4.04E-06	4.04E-06
160	5	4.01E-06	4.01E-06
161	5	3.94E-06	3.94E-06
162	5	3.85E-06	3.85E-06
163	5	3.78E-06	3.78E-06
164	5	3.74E-06	3.74E-06
165	5	3.75E-06	3.75E-06
166	5	3.77E-06	3.77E-06
167	5	3.79E-06	3.79E-06
168	5	4.09E-06	4.09E-06
169	5	4.30E-06	4.30E-06
170	5	4.29E-06	4.29E-06
171	5	4.10E-06	4.10E-06
172	5	3.85E-06	3.85E-06
173	5	3.63E-06	3.63E-06
174	5	3.47E-06	3.47E-06
175	5	3.38E-06	3.38E-06
176	5	3.38E-06	3.38E-06
177	5	3.45E-06	3.45E-06
178	5	3.55E-06	3.55E-06
179	5	3.65E-06	3.65E-06
180	5	3.73E-06	3.73E-06
181	5	3.80E-06	3.80E-06
182	5	3.83E-06	3.83E-06
183	5	3.82E-06	3.82E-06
184	5	3.76E-06	3.76E-06
185	5	3.67E-06	3.67E-06

Berkley WTPF
BoatL Mitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
186	5	3.59E-06	3.59E-06
187	5	3.55E-06	3.55E-06
188	5	3.54E-06	3.54E-06
189	5	3.56E-06	3.56E-06
190	5	3.57E-06	3.57E-06
191	5	3.96E-06	3.96E-06
192	5	4.11E-06	4.11E-06
193	5	4.06E-06	4.06E-06
194	5	3.86E-06	3.86E-06
195	5	3.63E-06	3.63E-06
196	5	3.43E-06	3.43E-06
197	5	3.28E-06	3.28E-06
198	5	3.20E-06	3.20E-06
199	5	3.20E-06	3.20E-06
200	5	3.26E-06	3.26E-06
201	5	3.60E-06	3.60E-06
202	5	3.63E-06	3.63E-06
203	5	3.63E-06	3.63E-06
204	5	3.59E-06	3.59E-06
205	5	3.51E-06	3.51E-06
206	5	3.43E-06	3.43E-06
207	5	3.38E-06	3.38E-06
208	5	3.36E-06	3.36E-06
209	5	3.37E-06	3.37E-06
210	5	3.37E-06	3.37E-06
211	5	3.83E-06	3.83E-06
212	5	3.93E-06	3.93E-06
213	5	3.84E-06	3.84E-06
214	5	3.64E-06	3.64E-06
215	5	3.43E-06	3.43E-06
216	5	3.24E-06	3.24E-06

Berkley WTPF
BoatL Mitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
217	5	3.11E-06	3.11E-06
218	5	3.04E-06	3.04E-06
219	5	3.04E-06	3.04E-06
220	5	3.46E-06	3.46E-06
221	5	3.43E-06	3.43E-06
222	5	3.36E-06	3.36E-06
223	5	3.28E-06	3.28E-06
224	5	3.22E-06	3.22E-06
225	5	3.19E-06	3.19E-06
226	5	3.20E-06	3.20E-06
227	5	3.46E-06	3.46E-06
228	5	3.70E-06	3.70E-06
229	5	3.75E-06	3.75E-06
230	5	3.64E-06	3.64E-06
231	5	3.45E-06	3.45E-06
232	5	3.24E-06	3.24E-06
233	5	3.07E-06	3.07E-06
234	5	2.95E-06	2.95E-06
235	5	2.89E-06	2.89E-06
236	5	2.89E-06	2.89E-06
237	5	3.29E-06	3.29E-06
238	5	3.30E-06	3.30E-06
239	5	3.28E-06	3.28E-06
240	5	3.22E-06	3.22E-06
241	5	3.14E-06	3.14E-06
242	5	3.08E-06	3.08E-06
243	5	3.04E-06	3.04E-06
244	5	3.03E-06	3.03E-06
245	5	3.58E-06	3.58E-06
246	5	3.45E-06	3.45E-06
247	5	3.26E-06	3.26E-06

Berkley WTPF
BoatL Mitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
248	5	3.07E-06	3.07E-06
249	5	2.92E-06	2.92E-06
250	5	2.81E-06	2.81E-06
251	5	2.75E-06	2.75E-06
252	5	2.75E-06	2.75E-06
253	5	3.13E-06	3.13E-06
254	5	3.15E-06	3.15E-06
255	5	3.14E-06	3.14E-06
256	5	3.09E-06	3.09E-06
257	5	3.02E-06	3.02E-06
258	5	2.95E-06	2.95E-06
259	5	2.90E-06	2.90E-06
260	5	2.67E-06	2.67E-06
261	5	2.62E-06	2.62E-06
262	5	2.95E-06	2.95E-06
263	5	2.99E-06	2.99E-06
264	5	3.01E-06	3.01E-06
265	5	3.00E-06	3.00E-06
266	5	2.96E-06	2.96E-06
267	5	2.90E-06	2.90E-06
268	5	2.83E-06	2.83E-06
269	5	2.78E-06	2.78E-06
270	5	2.81E-06	2.81E-06
271	5	2.85E-06	2.85E-06
272	5	2.88E-06	2.88E-06
273	5	2.88E-06	2.88E-06
274	5	2.85E-06	2.85E-06
275	5	2.79E-06	2.79E-06
276	5	2.72E-06	2.72E-06
277	5	2.34E-06	2.34E-06
278	5	2.61E-06	2.61E-06

Berkley WTPF
BoatL Mitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
279	5	2.89E-06	2.89E-06
280	5	3.09E-06	3.09E-06
281	5	3.16E-06	3.16E-06
282	5	2.64E-06	2.64E-06
283	5	2.69E-06	2.69E-06
284	5	2.73E-06	2.73E-06
285	5	2.75E-06	2.75E-06
286	5	2.76E-06	2.76E-06
287	5	2.74E-06	2.74E-06
288	5	2.69E-06	2.69E-06
289	5	2.62E-06	2.62E-06
290	5	2.08E-06	2.08E-06
291	5	2.31E-06	2.31E-06
292	5	2.57E-06	2.57E-06
293	5	2.83E-06	2.83E-06
294	5	3.00E-06	3.00E-06
295	5	3.04E-06	3.04E-06
296	5	2.96E-06	2.96E-06
297	5	2.82E-06	2.82E-06
298	5	2.66E-06	2.66E-06
299	5	2.52E-06	2.52E-06
300	5	2.41E-06	2.41E-06
301	5	2.52E-06	2.52E-06
302	5	2.57E-06	2.57E-06
303	5	2.61E-06	2.61E-06
304	5	2.64E-06	2.64E-06
305	5	2.65E-06	2.65E-06
306	5	2.63E-06	2.63E-06
307	5	2.59E-06	2.59E-06
308	5	2.05E-06	2.05E-06
309	5	2.28E-06	2.28E-06

Berkley WTPF
BoatL Mitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
310	5	2.53E-06	2.53E-06
311	5	2.76E-06	2.76E-06
312	5	2.90E-06	2.90E-06
313	5	2.92E-06	2.92E-06
314	5	2.83E-06	2.83E-06
315	5	2.68E-06	2.68E-06
316	5	2.53E-06	2.53E-06
317	5	2.40E-06	2.40E-06
318	5	2.30E-06	2.30E-06
319	5	2.23E-06	2.23E-06
320	5	2.19E-06	2.19E-06
321	5	2.19E-06	2.19E-06
322	5	2.23E-06	2.23E-06
323	5	2.42E-06	2.42E-06
324	5	2.46E-06	2.46E-06
325	5	2.50E-06	2.50E-06
326	5	2.53E-06	2.53E-06
327	5	2.54E-06	2.54E-06
328	5	2.53E-06	2.53E-06
329	5	2.50E-06	2.50E-06
330	5	2.02E-06	2.02E-06
331	5	2.25E-06	2.25E-06
332	5	2.49E-06	2.49E-06
333	5	2.70E-06	2.70E-06
334	5	2.81E-06	2.81E-06
335	5	2.80E-06	2.80E-06
336	5	2.70E-06	2.70E-06
337	5	2.56E-06	2.56E-06
338	5	2.42E-06	2.42E-06
339	5	2.30E-06	2.30E-06
340	5	2.20E-06	2.20E-06

Berkley WTPF
BoatL Mitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
341	5	2.14E-06	2.14E-06
342	5	2.10E-06	2.10E-06
343	5	2.10E-06	2.10E-06
344	5	2.14E-06	2.14E-06
345	5	2.20E-06	2.20E-06
346	5	2.26E-06	2.26E-06
347	5	2.32E-06	2.32E-06
348	5	2.36E-06	2.36E-06
349	5	2.40E-06	2.40E-06
350	5	2.43E-06	2.43E-06
351	5	2.44E-06	2.44E-06
352	5	2.44E-06	2.44E-06
353	5	1.99E-06	1.99E-06
354	5	2.22E-06	2.22E-06
355	5	2.45E-06	2.45E-06
356	5	2.63E-06	2.63E-06
357	5	2.71E-06	2.71E-06
358	5	2.69E-06	2.69E-06
359	5	2.58E-06	2.58E-06
360	5	2.44E-06	2.44E-06
361	5	2.31E-06	2.31E-06
362	5	2.20E-06	2.20E-06
363	5	2.11E-06	2.11E-06
364	5	2.05E-06	2.05E-06
365	5	2.02E-06	2.02E-06
366	5	2.02E-06	2.02E-06
367	5	2.06E-06	2.06E-06
368	5	2.11E-06	2.11E-06
369	5	2.17E-06	2.17E-06
370	5	2.22E-06	2.22E-06
371	5	2.27E-06	2.27E-06

Berkley WTPF
BoatL Mitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
372	5	2.30E-06	2.30E-06
373	5	2.20E-06	2.20E-06
374	5	2.41E-06	2.41E-06
375	5	2.56E-06	2.56E-06
376	5	2.62E-06	2.62E-06
377	5	2.58E-06	2.58E-06
378	5	2.47E-06	2.47E-06
379	5	2.33E-06	2.33E-06
380	5	2.21E-06	2.21E-06
381	5	2.11E-06	2.11E-06
382	5	2.03E-06	2.03E-06
383	5	1.97E-06	1.97E-06
384	5	1.94E-06	1.94E-06
385	5	1.94E-06	1.94E-06
386	5	1.98E-06	1.98E-06
387	5	2.03E-06	2.03E-06
388	5	2.08E-06	2.08E-06
389	5	2.17E-06	2.17E-06
390	5	2.36E-06	2.36E-06
391	5	2.49E-06	2.49E-06
392	5	2.53E-06	2.53E-06
393	5	2.47E-06	2.47E-06
394	5	2.36E-06	2.36E-06
395	5	2.23E-06	2.23E-06
396	5	2.12E-06	2.12E-06
397	5	2.02E-06	2.02E-06
398	5	1.95E-06	1.95E-06
399	5	1.89E-06	1.89E-06
400	5	1.87E-06	1.87E-06
401	5	1.87E-06	1.87E-06
402	5	1.90E-06	1.90E-06

Berkley WTPF
BoatL Mitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
403	5	1.95E-06	1.95E-06
404	5	2.31E-06	2.31E-06
405	5	2.42E-06	2.42E-06
406	5	2.44E-06	2.44E-06
407	5	2.37E-06	2.37E-06
408	5	2.26E-06	2.26E-06
409	5	2.14E-06	2.14E-06
410	5	2.03E-06	2.03E-06
411	5	1.94E-06	1.94E-06
412	5	1.87E-06	1.87E-06
413	5	1.82E-06	1.82E-06
414	5	1.80E-06	1.80E-06
415	5	1.80E-06	1.80E-06
416	5	1.83E-06	1.83E-06
417	5	1.88E-06	1.88E-06
418	5	2.34E-06	2.34E-06
419	5	2.28E-06	2.28E-06
420	5	2.17E-06	2.17E-06
421	5	2.05E-06	2.05E-06
422	5	1.95E-06	1.95E-06
423	5	1.87E-06	1.87E-06
424	5	1.80E-06	1.80E-06
425	5	1.76E-06	1.76E-06
426	5	1.73E-06	1.73E-06
427	5	1.74E-06	1.74E-06
428	5	1.76E-06	1.76E-06
429	5	1.81E-06	1.81E-06
430	5	1.79E-06	1.79E-06
431	5	1.73E-06	1.73E-06
432	5	1.69E-06	1.69E-06
433	5	1.67E-06	1.67E-06

Berkley WTPF
BoatL Mitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
434	5	1.68E-06	1.68E-06
435	5	1.70E-06	1.70E-06

Berkley WTPF

Haul1 Mitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
					Residence					
1	0.25435	6.65E-07	1.7E-07	1.05E-03	1.77E-10	2.27E-01	1.57E-01	6.32E-12	1.0E+06	6.3E-06
2	0.26319	6.65E-07	1.8E-07	1.05E-03	1.83E-10	2.27E-01	1.57E-01	6.54E-12	1.0E+06	6.5E-06
3	0.27271	6.65E-07	1.8E-07	1.05E-03	1.90E-10	2.27E-01	1.57E-01	6.78E-12	1.0E+06	6.8E-06
4	0.28297	6.65E-07	1.9E-07	1.05E-03	1.97E-10	2.27E-01	1.57E-01	7.03E-12	1.0E+06	7.0E-06
5	0.29416	6.65E-07	2.0E-07	1.05E-03	2.05E-10	2.27E-01	1.57E-01	7.31E-12	1.0E+06	7.3E-06
6	0.30609	6.65E-07	2.0E-07	1.05E-03	2.13E-10	2.27E-01	1.57E-01	7.61E-12	1.0E+06	7.6E-06
7	0.31884	6.65E-07	2.1E-07	1.05E-03	2.22E-10	2.27E-01	1.57E-01	7.92E-12	1.0E+06	7.9E-06
8	0.33216	6.65E-07	2.2E-07	1.05E-03	2.31E-10	2.27E-01	1.57E-01	8.25E-12	1.0E+06	8.3E-06
9	0.24409	6.65E-07	1.6E-07	1.05E-03	1.70E-10	2.27E-01	1.57E-01	6.07E-12	1.0E+06	6.1E-06
10	0.25161	6.65E-07	1.7E-07	1.05E-03	1.75E-10	2.27E-01	1.57E-01	6.25E-12	1.0E+06	6.3E-06
11	0.26031	6.65E-07	1.7E-07	1.05E-03	1.81E-10	2.27E-01	1.57E-01	6.47E-12	1.0E+06	6.5E-06
12	0.26961	6.65E-07	1.8E-07	1.05E-03	1.87E-10	2.27E-01	1.57E-01	6.70E-12	1.0E+06	6.7E-06
13	0.27952	6.65E-07	1.9E-07	1.05E-03	1.94E-10	2.27E-01	1.57E-01	6.95E-12	1.0E+06	6.9E-06
14	0.29008	6.65E-07	1.9E-07	1.05E-03	2.02E-10	2.27E-01	1.57E-01	7.21E-12	1.0E+06	7.2E-06
15	0.30134	6.65E-07	2.0E-07	1.05E-03	2.10E-10	2.27E-01	1.57E-01	7.49E-12	1.0E+06	7.5E-06
16	0.31337	6.65E-07	2.1E-07	1.05E-03	2.18E-10	2.27E-01	1.57E-01	7.79E-12	1.0E+06	7.8E-06
17	0.32622	6.65E-07	2.2E-07	1.05E-03	2.27E-10	2.27E-01	1.57E-01	8.11E-12	1.0E+06	8.1E-06
18	0.34031	6.65E-07	2.3E-07	1.05E-03	2.37E-10	2.27E-01	1.57E-01	8.46E-12	1.0E+06	8.5E-06
19	0.35587	6.65E-07	2.4E-07	1.05E-03	2.47E-10	2.27E-01	1.57E-01	8.84E-12	1.0E+06	8.8E-06
20	0.37183	6.65E-07	2.5E-07	1.05E-03	2.59E-10	2.27E-01	1.57E-01	9.24E-12	1.0E+06	9.2E-06
21	0.24318	6.65E-07	1.6E-07	1.05E-03	1.69E-10	2.27E-01	1.57E-01	6.04E-12	1.0E+06	6.0E-06
22	0.2504	6.65E-07	1.7E-07	1.05E-03	1.74E-10	2.27E-01	1.57E-01	6.22E-12	1.0E+06	6.2E-06
23	0.25876	6.65E-07	1.7E-07	1.05E-03	1.80E-10	2.27E-01	1.57E-01	6.43E-12	1.0E+06	6.4E-06
24	0.2677	6.65E-07	1.8E-07	1.05E-03	1.86E-10	2.27E-01	1.57E-01	6.65E-12	1.0E+06	6.7E-06
25	0.27722	6.65E-07	1.8E-07	1.05E-03	1.93E-10	2.27E-01	1.57E-01	6.89E-12	1.0E+06	6.9E-06
26	0.28738	6.65E-07	1.9E-07	1.05E-03	2.00E-10	2.27E-01	1.57E-01	7.14E-12	1.0E+06	7.1E-06
27	0.29822	6.65E-07	2.0E-07	1.05E-03	2.07E-10	2.27E-01	1.57E-01	7.41E-12	1.0E+06	7.4E-06
28	0.30981	6.65E-07	2.1E-07	1.05E-03	2.15E-10	2.27E-01	1.57E-01	7.70E-12	1.0E+06	7.7E-06
29	0.32221	6.65E-07	2.1E-07	1.05E-03	2.24E-10	2.27E-01	1.57E-01	8.01E-12	1.0E+06	8.0E-06
30	0.33549	6.65E-07	2.2E-07	1.05E-03	2.33E-10	2.27E-01	1.57E-01	8.34E-12	1.0E+06	8.3E-06

	Max	Receptor #
Res	1.42E-05	120
Park	3.53E-06	511
Total	1.77E-05	120

Berkley WTPF

Haul1 Mitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
31	0.34974	6.65E-07	2.3E-07	1.05E-03	2.43E-10	2.27E-01	1.57E-01	8.69E-12	1.0E+06	8.7E-06
32	0.36504	6.65E-07	2.4E-07	1.05E-03	2.54E-10	2.27E-01	1.57E-01	9.07E-12	1.0E+06	9.1E-06
33	0.38151	6.65E-07	2.5E-07	1.05E-03	2.65E-10	2.27E-01	1.57E-01	9.48E-12	1.0E+06	9.5E-06
34	0.39924	6.65E-07	2.7E-07	1.05E-03	2.78E-10	2.27E-01	1.57E-01	9.92E-12	1.0E+06	9.9E-06
35	0.41839	6.65E-07	2.8E-07	1.05E-03	2.91E-10	2.27E-01	1.57E-01	1.04E-11	1.0E+06	1.0E-05
36	0.43987	6.65E-07	2.9E-07	1.05E-03	3.06E-10	2.27E-01	1.57E-01	1.09E-11	1.0E+06	1.1E-05
37	0.24312	6.65E-07	1.6E-07	1.05E-03	1.69E-10	2.27E-01	1.57E-01	6.04E-12	1.0E+06	6.0E-06
38	0.25054	6.65E-07	1.7E-07	1.05E-03	1.74E-10	2.27E-01	1.57E-01	6.23E-12	1.0E+06	6.2E-06
39	0.25862	6.65E-07	1.7E-07	1.05E-03	1.80E-10	2.27E-01	1.57E-01	6.43E-12	1.0E+06	6.4E-06
40	0.26723	6.65E-07	1.8E-07	1.05E-03	1.86E-10	2.27E-01	1.57E-01	6.64E-12	1.0E+06	6.6E-06
41	0.27639	6.65E-07	1.8E-07	1.05E-03	1.92E-10	2.27E-01	1.57E-01	6.87E-12	1.0E+06	6.9E-06
42	0.28616	6.65E-07	1.9E-07	1.05E-03	1.99E-10	2.27E-01	1.57E-01	7.11E-12	1.0E+06	7.1E-06
43	0.29658	6.65E-07	2.0E-07	1.05E-03	2.06E-10	2.27E-01	1.57E-01	7.37E-12	1.0E+06	7.4E-06
44	0.30772	6.65E-07	2.0E-07	1.05E-03	2.14E-10	2.27E-01	1.57E-01	7.65E-12	1.0E+06	7.6E-06
45	0.31964	6.65E-07	2.1E-07	1.05E-03	2.22E-10	2.27E-01	1.57E-01	7.94E-12	1.0E+06	7.9E-06
46	0.33242	6.65E-07	2.2E-07	1.05E-03	2.31E-10	2.27E-01	1.57E-01	8.26E-12	1.0E+06	8.3E-06
47	0.34614	6.65E-07	2.3E-07	1.05E-03	2.41E-10	2.27E-01	1.57E-01	8.60E-12	1.0E+06	8.6E-06
48	0.36088	6.65E-07	2.4E-07	1.05E-03	2.51E-10	2.27E-01	1.57E-01	8.97E-12	1.0E+06	9.0E-06
49	0.37675	6.65E-07	2.5E-07	1.05E-03	2.62E-10	2.27E-01	1.57E-01	9.36E-12	1.0E+06	9.4E-06
50	0.39386	6.65E-07	2.6E-07	1.05E-03	2.74E-10	2.27E-01	1.57E-01	9.79E-12	1.0E+06	9.8E-06
51	0.41234	6.65E-07	2.7E-07	1.05E-03	2.87E-10	2.27E-01	1.57E-01	1.02E-11	1.0E+06	1.0E-05
52	0.43256	6.65E-07	2.9E-07	1.05E-03	3.01E-10	2.27E-01	1.57E-01	1.07E-11	1.0E+06	1.1E-05
53	0.45483	6.65E-07	3.0E-07	1.05E-03	3.16E-10	2.27E-01	1.57E-01	1.13E-11	1.0E+06	1.1E-05
54	0.47849	6.65E-07	3.2E-07	1.05E-03	3.33E-10	2.27E-01	1.57E-01	1.19E-11	1.0E+06	1.2E-05
55	0.50496	6.65E-07	3.4E-07	1.05E-03	3.51E-10	2.27E-01	1.57E-01	1.25E-11	1.0E+06	1.3E-05
56	0.23802	6.65E-07	1.6E-07	1.05E-03	1.66E-10	2.27E-01	1.57E-01	5.91E-12	1.0E+06	5.9E-06
57	0.24463	6.65E-07	1.6E-07	1.05E-03	1.70E-10	2.27E-01	1.57E-01	6.08E-12	1.0E+06	6.1E-06
58	0.25206	6.65E-07	1.7E-07	1.05E-03	1.75E-10	2.27E-01	1.57E-01	6.26E-12	1.0E+06	6.3E-06
59	0.25993	6.65E-07	1.7E-07	1.05E-03	1.81E-10	2.27E-01	1.57E-01	6.46E-12	1.0E+06	6.5E-06
60	0.26827	6.65E-07	1.8E-07	1.05E-03	1.87E-10	2.27E-01	1.57E-01	6.67E-12	1.0E+06	6.7E-06
61	0.27715	6.65E-07	1.8E-07	1.05E-03	1.93E-10	2.27E-01	1.57E-01	6.89E-12	1.0E+06	6.9E-06

Berkley WTPF

Haul1 Mitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
62	0.28659	6.65E-07	1.9E-07	1.05E-03	1.99E-10	2.27E-01	1.57E-01	7.12E-12	1.0E+06	7.1E-06
63	0.29665	6.65E-07	2.0E-07	1.05E-03	2.06E-10	2.27E-01	1.57E-01	7.37E-12	1.0E+06	7.4E-06
64	0.3074	6.65E-07	2.0E-07	1.05E-03	2.14E-10	2.27E-01	1.57E-01	7.64E-12	1.0E+06	7.6E-06
65	0.31889	6.65E-07	2.1E-07	1.05E-03	2.22E-10	2.27E-01	1.57E-01	7.92E-12	1.0E+06	7.9E-06
66	0.33119	6.65E-07	2.2E-07	1.05E-03	2.30E-10	2.27E-01	1.57E-01	8.23E-12	1.0E+06	8.2E-06
67	0.34439	6.65E-07	2.3E-07	1.05E-03	2.39E-10	2.27E-01	1.57E-01	8.56E-12	1.0E+06	8.6E-06
68	0.35858	6.65E-07	2.4E-07	1.05E-03	2.49E-10	2.27E-01	1.57E-01	8.91E-12	1.0E+06	8.9E-06
69	0.37385	6.65E-07	2.5E-07	1.05E-03	2.60E-10	2.27E-01	1.57E-01	9.29E-12	1.0E+06	9.3E-06
70	0.39031	6.65E-07	2.6E-07	1.05E-03	2.71E-10	2.27E-01	1.57E-01	9.70E-12	1.0E+06	9.7E-06
71	0.4081	6.65E-07	2.7E-07	1.05E-03	2.84E-10	2.27E-01	1.57E-01	1.01E-11	1.0E+06	1.0E-05
72	0.42735	6.65E-07	2.8E-07	1.05E-03	2.97E-10	2.27E-01	1.57E-01	1.06E-11	1.0E+06	1.1E-05
73	0.44822	6.65E-07	3.0E-07	1.05E-03	3.12E-10	2.27E-01	1.57E-01	1.11E-11	1.0E+06	1.1E-05
74	0.47091	6.65E-07	3.1E-07	1.05E-03	3.27E-10	2.27E-01	1.57E-01	1.17E-11	1.0E+06	1.2E-05
75	0.49626	6.65E-07	3.3E-07	1.05E-03	3.45E-10	2.27E-01	1.57E-01	1.23E-11	1.0E+06	1.2E-05
76	0.24086	6.65E-07	1.6E-07	1.05E-03	1.67E-10	2.27E-01	1.57E-01	5.98E-12	1.0E+06	6.0E-06
77	0.24739	6.65E-07	1.6E-07	1.05E-03	1.72E-10	2.27E-01	1.57E-01	6.15E-12	1.0E+06	6.1E-06
78	0.25471	6.65E-07	1.7E-07	1.05E-03	1.77E-10	2.27E-01	1.57E-01	6.33E-12	1.0E+06	6.3E-06
79	0.26246	6.65E-07	1.7E-07	1.05E-03	1.83E-10	2.27E-01	1.57E-01	6.52E-12	1.0E+06	6.5E-06
80	0.27066	6.65E-07	1.8E-07	1.05E-03	1.88E-10	2.27E-01	1.57E-01	6.73E-12	1.0E+06	6.7E-06
81	0.27935	6.65E-07	1.9E-07	1.05E-03	1.94E-10	2.27E-01	1.57E-01	6.94E-12	1.0E+06	6.9E-06
82	0.28858	6.65E-07	1.9E-07	1.05E-03	2.01E-10	2.27E-01	1.57E-01	7.17E-12	1.0E+06	7.2E-06
83	0.2984	6.65E-07	2.0E-07	1.05E-03	2.07E-10	2.27E-01	1.57E-01	7.41E-12	1.0E+06	7.4E-06
84	0.30886	6.65E-07	2.1E-07	1.05E-03	2.15E-10	2.27E-01	1.57E-01	7.67E-12	1.0E+06	7.7E-06
85	0.32002	6.65E-07	2.1E-07	1.05E-03	2.23E-10	2.27E-01	1.57E-01	7.95E-12	1.0E+06	8.0E-06
86	0.33195	6.65E-07	2.2E-07	1.05E-03	2.31E-10	2.27E-01	1.57E-01	8.25E-12	1.0E+06	8.2E-06
87	0.34473	6.65E-07	2.3E-07	1.05E-03	2.40E-10	2.27E-01	1.57E-01	8.57E-12	1.0E+06	8.6E-06
88	0.35845	6.65E-07	2.4E-07	1.05E-03	2.49E-10	2.27E-01	1.57E-01	8.91E-12	1.0E+06	8.9E-06
89	0.37319	6.65E-07	2.5E-07	1.05E-03	2.59E-10	2.27E-01	1.57E-01	9.27E-12	1.0E+06	9.3E-06
90	0.38908	6.65E-07	2.6E-07	1.05E-03	2.71E-10	2.27E-01	1.57E-01	9.67E-12	1.0E+06	9.7E-06
91	0.40622	6.65E-07	2.7E-07	1.05E-03	2.82E-10	2.27E-01	1.57E-01	1.01E-11	1.0E+06	1.0E-05
92	0.42476	6.65E-07	2.8E-07	1.05E-03	2.95E-10	2.27E-01	1.57E-01	1.06E-11	1.0E+06	1.1E-05

Berkley WTPF

Haul1 Mitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
93	0.44486	6.65E-07	3.0E-07	1.05E-03	3.09E-10	2.27E-01	1.57E-01	1.11E-11	1.0E+06	1.1E-05
94	0.46669	6.65E-07	3.1E-07	1.05E-03	3.25E-10	2.27E-01	1.57E-01	1.16E-11	1.0E+06	1.2E-05
95	0.49047	6.65E-07	3.3E-07	1.05E-03	3.41E-10	2.27E-01	1.57E-01	1.22E-11	1.0E+06	1.2E-05
96	0.51642	6.65E-07	3.4E-07	1.05E-03	3.59E-10	2.27E-01	1.57E-01	1.28E-11	1.0E+06	1.3E-05
97	0.54483	6.65E-07	3.6E-07	1.05E-03	3.79E-10	2.27E-01	1.57E-01	1.35E-11	1.0E+06	1.4E-05
98	0.24418	6.65E-07	1.6E-07	1.05E-03	1.70E-10	2.27E-01	1.57E-01	6.07E-12	1.0E+06	6.1E-06
99	0.25072	6.65E-07	1.7E-07	1.05E-03	1.74E-10	2.27E-01	1.57E-01	6.23E-12	1.0E+06	6.2E-06
100	0.25806	6.65E-07	1.7E-07	1.05E-03	1.79E-10	2.27E-01	1.57E-01	6.41E-12	1.0E+06	6.4E-06
101	0.26579	6.65E-07	1.8E-07	1.05E-03	1.85E-10	2.27E-01	1.57E-01	6.60E-12	1.0E+06	6.6E-06
102	0.27395	6.65E-07	1.8E-07	1.05E-03	1.90E-10	2.27E-01	1.57E-01	6.81E-12	1.0E+06	6.8E-06
103	0.28259	6.65E-07	1.9E-07	1.05E-03	1.96E-10	2.27E-01	1.57E-01	7.02E-12	1.0E+06	7.0E-06
104	0.29174	6.65E-07	1.9E-07	1.05E-03	2.03E-10	2.27E-01	1.57E-01	7.25E-12	1.0E+06	7.2E-06
105	0.30145	6.65E-07	2.0E-07	1.05E-03	2.10E-10	2.27E-01	1.57E-01	7.49E-12	1.0E+06	7.5E-06
106	0.31177	6.65E-07	2.1E-07	1.05E-03	2.17E-10	2.27E-01	1.57E-01	7.75E-12	1.0E+06	7.7E-06
107	0.32275	6.65E-07	2.1E-07	1.05E-03	2.24E-10	2.27E-01	1.57E-01	8.02E-12	1.0E+06	8.0E-06
108	0.33447	6.65E-07	2.2E-07	1.05E-03	2.33E-10	2.27E-01	1.57E-01	8.31E-12	1.0E+06	8.3E-06
109	0.34699	6.65E-07	2.3E-07	1.05E-03	2.41E-10	2.27E-01	1.57E-01	8.62E-12	1.0E+06	8.6E-06
110	0.36039	6.65E-07	2.4E-07	1.05E-03	2.51E-10	2.27E-01	1.57E-01	8.95E-12	1.0E+06	9.0E-06
111	0.37477	6.65E-07	2.5E-07	1.05E-03	2.61E-10	2.27E-01	1.57E-01	9.31E-12	1.0E+06	9.3E-06
112	0.39023	6.65E-07	2.6E-07	1.05E-03	2.71E-10	2.27E-01	1.57E-01	9.70E-12	1.0E+06	9.7E-06
113	0.40688	6.65E-07	2.7E-07	1.05E-03	2.83E-10	2.27E-01	1.57E-01	1.01E-11	1.0E+06	1.0E-05
114	0.42486	6.65E-07	2.8E-07	1.05E-03	2.95E-10	2.27E-01	1.57E-01	1.06E-11	1.0E+06	1.1E-05
115	0.44431	6.65E-07	3.0E-07	1.05E-03	3.09E-10	2.27E-01	1.57E-01	1.10E-11	1.0E+06	1.1E-05
116	0.46542	6.65E-07	3.1E-07	1.05E-03	3.24E-10	2.27E-01	1.57E-01	1.16E-11	1.0E+06	1.2E-05
117	0.48838	6.65E-07	3.2E-07	1.05E-03	3.40E-10	2.27E-01	1.57E-01	1.21E-11	1.0E+06	1.2E-05
118	0.51341	6.65E-07	3.4E-07	1.05E-03	3.57E-10	2.27E-01	1.57E-01	1.28E-11	1.0E+06	1.3E-05
119	0.54078	6.65E-07	3.6E-07	1.05E-03	3.76E-10	2.27E-01	1.57E-01	1.34E-11	1.0E+06	1.3E-05
120	0.57174	6.65E-07	3.8E-07	1.05E-03	3.98E-10	2.27E-01	1.57E-01	1.42E-11	1.0E+06	1.4E-05
121	0.24138	6.65E-07	1.6E-07	1.05E-03	1.68E-10	2.27E-01	1.57E-01	6.00E-12	1.0E+06	6.0E-06
122	0.24748	6.65E-07	1.6E-07	1.05E-03	1.72E-10	2.27E-01	1.57E-01	6.15E-12	1.0E+06	6.1E-06
123	0.25411	6.65E-07	1.7E-07	1.05E-03	1.77E-10	2.27E-01	1.57E-01	6.31E-12	1.0E+06	6.3E-06

Berkley WTPF

Haul1 Mitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
124	0.26152	6.65E-07	1.7E-07	1.05E-03	1.82E-10	2.27E-01	1.57E-01	6.50E-12	1.0E+06	6.5E-06
125	0.26933	6.65E-07	1.8E-07	1.05E-03	1.87E-10	2.27E-01	1.57E-01	6.69E-12	1.0E+06	6.7E-06
126	0.27756	6.65E-07	1.8E-07	1.05E-03	1.93E-10	2.27E-01	1.57E-01	6.90E-12	1.0E+06	6.9E-06
127	0.28626	6.65E-07	1.9E-07	1.05E-03	1.99E-10	2.27E-01	1.57E-01	7.11E-12	1.0E+06	7.1E-06
128	0.29545	6.65E-07	2.0E-07	1.05E-03	2.05E-10	2.27E-01	1.57E-01	7.34E-12	1.0E+06	7.3E-06
129	0.30518	6.65E-07	2.0E-07	1.05E-03	2.12E-10	2.27E-01	1.57E-01	7.58E-12	1.0E+06	7.6E-06
130	0.3155	6.65E-07	2.1E-07	1.05E-03	2.19E-10	2.27E-01	1.57E-01	7.84E-12	1.0E+06	7.8E-06
131	0.32646	6.65E-07	2.2E-07	1.05E-03	2.27E-10	2.27E-01	1.57E-01	8.11E-12	1.0E+06	8.1E-06
132	0.33813	6.65E-07	2.2E-07	1.05E-03	2.35E-10	2.27E-01	1.57E-01	8.40E-12	1.0E+06	8.4E-06
133	0.35057	6.65E-07	2.3E-07	1.05E-03	2.44E-10	2.27E-01	1.57E-01	8.71E-12	1.0E+06	8.7E-06
134	0.36385	6.65E-07	2.4E-07	1.05E-03	2.53E-10	2.27E-01	1.57E-01	9.04E-12	1.0E+06	9.0E-06
135	0.37806	6.65E-07	2.5E-07	1.05E-03	2.63E-10	2.27E-01	1.57E-01	9.39E-12	1.0E+06	9.4E-06
136	0.39331	6.65E-07	2.6E-07	1.05E-03	2.73E-10	2.27E-01	1.57E-01	9.77E-12	1.0E+06	9.8E-06
137	0.40969	6.65E-07	2.7E-07	1.05E-03	2.85E-10	2.27E-01	1.57E-01	1.02E-11	1.0E+06	1.0E-05
138	0.42733	6.65E-07	2.8E-07	1.05E-03	2.97E-10	2.27E-01	1.57E-01	1.06E-11	1.0E+06	1.1E-05
139	0.44638	6.65E-07	3.0E-07	1.05E-03	3.10E-10	2.27E-01	1.57E-01	1.11E-11	1.0E+06	1.1E-05
140	0.467	6.65E-07	3.1E-07	1.05E-03	3.25E-10	2.27E-01	1.57E-01	1.16E-11	1.0E+06	1.2E-05
141	0.48938	6.65E-07	3.3E-07	1.05E-03	3.40E-10	2.27E-01	1.57E-01	1.22E-11	1.0E+06	1.2E-05
142	0.51373	6.65E-07	3.4E-07	1.05E-03	3.57E-10	2.27E-01	1.57E-01	1.28E-11	1.0E+06	1.3E-05
143	0.5403	6.65E-07	3.6E-07	1.05E-03	3.76E-10	2.27E-01	1.57E-01	1.34E-11	1.0E+06	1.3E-05
144	0.57116	6.65E-07	3.8E-07	1.05E-03	3.97E-10	2.27E-01	1.57E-01	1.42E-11	1.0E+06	1.4E-05
145	0.24401	6.65E-07	1.6E-07	1.05E-03	1.70E-10	2.27E-01	1.57E-01	6.06E-12	1.0E+06	6.1E-06
146	0.25024	6.65E-07	1.7E-07	1.05E-03	1.74E-10	2.27E-01	1.57E-01	6.22E-12	1.0E+06	6.2E-06
147	0.25698	6.65E-07	1.7E-07	1.05E-03	1.79E-10	2.27E-01	1.57E-01	6.39E-12	1.0E+06	6.4E-06
148	0.26452	6.65E-07	1.8E-07	1.05E-03	1.84E-10	2.27E-01	1.57E-01	6.57E-12	1.0E+06	6.6E-06
149	0.27246	6.65E-07	1.8E-07	1.05E-03	1.89E-10	2.27E-01	1.57E-01	6.77E-12	1.0E+06	6.8E-06
150	0.28082	6.65E-07	1.9E-07	1.05E-03	1.95E-10	2.27E-01	1.57E-01	6.98E-12	1.0E+06	7.0E-06
151	0.28964	6.65E-07	1.9E-07	1.05E-03	2.01E-10	2.27E-01	1.57E-01	7.20E-12	1.0E+06	7.2E-06
152	0.29895	6.65E-07	2.0E-07	1.05E-03	2.08E-10	2.27E-01	1.57E-01	7.43E-12	1.0E+06	7.4E-06
153	0.30879	6.65E-07	2.1E-07	1.05E-03	2.15E-10	2.27E-01	1.57E-01	7.67E-12	1.0E+06	7.7E-06
154	0.31922	6.65E-07	2.1E-07	1.05E-03	2.22E-10	2.27E-01	1.57E-01	7.93E-12	1.0E+06	7.9E-06

Berkley WTPF
Haul1 Mitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
155	0.33028	6.65E-07	2.2E-07	1.05E-03	2.30E-10	2.27E-01	1.57E-01	8.21E-12	1.0E+06	8.2E-06
156	0.34203	6.65E-07	2.3E-07	1.05E-03	2.38E-10	2.27E-01	1.57E-01	8.50E-12	1.0E+06	8.5E-06
157	0.35453	6.65E-07	2.4E-07	1.05E-03	2.47E-10	2.27E-01	1.57E-01	8.81E-12	1.0E+06	8.8E-06
158	0.36786	6.65E-07	2.4E-07	1.05E-03	2.56E-10	2.27E-01	1.57E-01	9.14E-12	1.0E+06	9.1E-06
159	0.3821	6.65E-07	2.5E-07	1.05E-03	2.66E-10	2.27E-01	1.57E-01	9.49E-12	1.0E+06	9.5E-06
160	0.39734	6.65E-07	2.6E-07	1.05E-03	2.76E-10	2.27E-01	1.57E-01	9.87E-12	1.0E+06	9.9E-06
161	0.41367	6.65E-07	2.8E-07	1.05E-03	2.88E-10	2.27E-01	1.57E-01	1.03E-11	1.0E+06	1.0E-05
162	0.43123	6.65E-07	2.9E-07	1.05E-03	3.00E-10	2.27E-01	1.57E-01	1.07E-11	1.0E+06	1.1E-05
163	0.45014	6.65E-07	3.0E-07	1.05E-03	3.13E-10	2.27E-01	1.57E-01	1.12E-11	1.0E+06	1.1E-05
164	0.47056	6.65E-07	3.1E-07	1.05E-03	3.27E-10	2.27E-01	1.57E-01	1.17E-11	1.0E+06	1.2E-05
165	0.49267	6.65E-07	3.3E-07	1.05E-03	3.43E-10	2.27E-01	1.57E-01	1.22E-11	1.0E+06	1.2E-05
166	0.51666	6.65E-07	3.4E-07	1.05E-03	3.59E-10	2.27E-01	1.57E-01	1.28E-11	1.0E+06	1.3E-05
167	0.54303	6.65E-07	3.6E-07	1.05E-03	3.78E-10	2.27E-01	1.57E-01	1.35E-11	1.0E+06	1.3E-05
168	0.24566	6.65E-07	1.6E-07	1.05E-03	1.71E-10	2.27E-01	1.57E-01	6.10E-12	1.0E+06	6.1E-06
169	0.252	6.65E-07	1.7E-07	1.05E-03	1.75E-10	2.27E-01	1.57E-01	6.26E-12	1.0E+06	6.3E-06
170	0.25886	6.65E-07	1.7E-07	1.05E-03	1.80E-10	2.27E-01	1.57E-01	6.43E-12	1.0E+06	6.4E-06
171	0.26653	6.65E-07	1.8E-07	1.05E-03	1.85E-10	2.27E-01	1.57E-01	6.62E-12	1.0E+06	6.6E-06
172	0.2746	6.65E-07	1.8E-07	1.05E-03	1.91E-10	2.27E-01	1.57E-01	6.82E-12	1.0E+06	6.8E-06
173	0.2831	6.65E-07	1.9E-07	1.05E-03	1.97E-10	2.27E-01	1.57E-01	7.03E-12	1.0E+06	7.0E-06
174	0.29206	6.65E-07	1.9E-07	1.05E-03	2.03E-10	2.27E-01	1.57E-01	7.26E-12	1.0E+06	7.3E-06
175	0.30151	6.65E-07	2.0E-07	1.05E-03	2.10E-10	2.27E-01	1.57E-01	7.49E-12	1.0E+06	7.5E-06
176	0.31151	6.65E-07	2.1E-07	1.05E-03	2.17E-10	2.27E-01	1.57E-01	7.74E-12	1.0E+06	7.7E-06
177	0.32209	6.65E-07	2.1E-07	1.05E-03	2.24E-10	2.27E-01	1.57E-01	8.00E-12	1.0E+06	8.0E-06
178	0.3333	6.65E-07	2.2E-07	1.05E-03	2.32E-10	2.27E-01	1.57E-01	8.28E-12	1.0E+06	8.3E-06
179	0.3452	6.65E-07	2.3E-07	1.05E-03	2.40E-10	2.27E-01	1.57E-01	8.58E-12	1.0E+06	8.6E-06
180	0.35785	6.65E-07	2.4E-07	1.05E-03	2.49E-10	2.27E-01	1.57E-01	8.89E-12	1.0E+06	8.9E-06
181	0.37132	6.65E-07	2.5E-07	1.05E-03	2.58E-10	2.27E-01	1.57E-01	9.23E-12	1.0E+06	9.2E-06
182	0.3857	6.65E-07	2.6E-07	1.05E-03	2.68E-10	2.27E-01	1.57E-01	9.58E-12	1.0E+06	9.6E-06
183	0.40106	6.65E-07	2.7E-07	1.05E-03	2.79E-10	2.27E-01	1.57E-01	9.97E-12	1.0E+06	1.0E-05
184	0.4175	6.65E-07	2.8E-07	1.05E-03	2.90E-10	2.27E-01	1.57E-01	1.04E-11	1.0E+06	1.0E-05
185	0.43515	6.65E-07	2.9E-07	1.05E-03	3.03E-10	2.27E-01	1.57E-01	1.08E-11	1.0E+06	1.1E-05

Berkley WTPF
Haul1 Mitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
186	0.45413	6.65E-07	3.0E-07	1.05E-03	3.16E-10	2.27E-01	1.57E-01	1.13E-11	1.0E+06	1.1E-05
187	0.47459	6.65E-07	3.2E-07	1.05E-03	3.30E-10	2.27E-01	1.57E-01	1.18E-11	1.0E+06	1.2E-05
188	0.49669	6.65E-07	3.3E-07	1.05E-03	3.45E-10	2.27E-01	1.57E-01	1.23E-11	1.0E+06	1.2E-05
189	0.52063	6.65E-07	3.5E-07	1.05E-03	3.62E-10	2.27E-01	1.57E-01	1.29E-11	1.0E+06	1.3E-05
190	0.55018	6.65E-07	3.7E-07	1.05E-03	3.83E-10	2.27E-01	1.57E-01	1.37E-11	1.0E+06	1.4E-05
191	0.24567	6.65E-07	1.6E-07	1.05E-03	1.71E-10	2.27E-01	1.57E-01	6.10E-12	1.0E+06	6.1E-06
192	0.25229	6.65E-07	1.7E-07	1.05E-03	1.75E-10	2.27E-01	1.57E-01	6.27E-12	1.0E+06	6.3E-06
193	0.25941	6.65E-07	1.7E-07	1.05E-03	1.80E-10	2.27E-01	1.57E-01	6.45E-12	1.0E+06	6.4E-06
194	0.26718	6.65E-07	1.8E-07	1.05E-03	1.86E-10	2.27E-01	1.57E-01	6.64E-12	1.0E+06	6.6E-06
195	0.27535	6.65E-07	1.8E-07	1.05E-03	1.91E-10	2.27E-01	1.57E-01	6.84E-12	1.0E+06	6.8E-06
196	0.28395	6.65E-07	1.9E-07	1.05E-03	1.97E-10	2.27E-01	1.57E-01	7.06E-12	1.0E+06	7.1E-06
197	0.29302	6.65E-07	1.9E-07	1.05E-03	2.04E-10	2.27E-01	1.57E-01	7.28E-12	1.0E+06	7.3E-06
198	0.30259	6.65E-07	2.0E-07	1.05E-03	2.10E-10	2.27E-01	1.57E-01	7.52E-12	1.0E+06	7.5E-06
199	0.3127	6.65E-07	2.1E-07	1.05E-03	2.17E-10	2.27E-01	1.57E-01	7.77E-12	1.0E+06	7.8E-06
200	0.32341	6.65E-07	2.2E-07	1.05E-03	2.25E-10	2.27E-01	1.57E-01	8.04E-12	1.0E+06	8.0E-06
201	0.3732	6.65E-07	2.5E-07	1.05E-03	2.60E-10	2.27E-01	1.57E-01	9.27E-12	1.0E+06	9.3E-06
202	0.38773	6.65E-07	2.6E-07	1.05E-03	2.70E-10	2.27E-01	1.57E-01	9.63E-12	1.0E+06	9.6E-06
203	0.40324	6.65E-07	2.7E-07	1.05E-03	2.80E-10	2.27E-01	1.57E-01	1.00E-11	1.0E+06	1.0E-05
204	0.41984	6.65E-07	2.8E-07	1.05E-03	2.92E-10	2.27E-01	1.57E-01	1.04E-11	1.0E+06	1.0E-05
205	0.43764	6.65E-07	2.9E-07	1.05E-03	3.04E-10	2.27E-01	1.57E-01	1.09E-11	1.0E+06	1.1E-05
206	0.45676	6.65E-07	3.0E-07	1.05E-03	3.18E-10	2.27E-01	1.57E-01	1.13E-11	1.0E+06	1.1E-05
207	0.47735	6.65E-07	3.2E-07	1.05E-03	3.32E-10	2.27E-01	1.57E-01	1.19E-11	1.0E+06	1.2E-05
208	0.49957	6.65E-07	3.3E-07	1.05E-03	3.47E-10	2.27E-01	1.57E-01	1.24E-11	1.0E+06	1.2E-05
209	0.52362	6.65E-07	3.5E-07	1.05E-03	3.64E-10	2.27E-01	1.57E-01	1.30E-11	1.0E+06	1.3E-05
210	0.55453	6.65E-07	3.7E-07	1.05E-03	3.86E-10	2.27E-01	1.57E-01	1.38E-11	1.0E+06	1.4E-05
211	0.24407	6.65E-07	1.6E-07	1.05E-03	1.70E-10	2.27E-01	1.57E-01	6.06E-12	1.0E+06	6.1E-06
212	0.25108	6.65E-07	1.7E-07	1.05E-03	1.75E-10	2.27E-01	1.57E-01	6.24E-12	1.0E+06	6.2E-06
213	0.2585	6.65E-07	1.7E-07	1.05E-03	1.80E-10	2.27E-01	1.57E-01	6.42E-12	1.0E+06	6.4E-06
214	0.26629	6.65E-07	1.8E-07	1.05E-03	1.85E-10	2.27E-01	1.57E-01	6.62E-12	1.0E+06	6.6E-06
215	0.27449	6.65E-07	1.8E-07	1.05E-03	1.91E-10	2.27E-01	1.57E-01	6.82E-12	1.0E+06	6.8E-06
216	0.28313	6.65E-07	1.9E-07	1.05E-03	1.97E-10	2.27E-01	1.57E-01	7.04E-12	1.0E+06	7.0E-06

Berkley WTPF

Haul1 Mitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
217	0.29224	6.65E-07	1.9E-07	1.05E-03	2.03E-10	2.27E-01	1.57E-01	7.26E-12	1.0E+06	7.3E-06
218	0.30185	6.65E-07	2.0E-07	1.05E-03	2.10E-10	2.27E-01	1.57E-01	7.50E-12	1.0E+06	7.5E-06
219	0.31201	6.65E-07	2.1E-07	1.05E-03	2.17E-10	2.27E-01	1.57E-01	7.75E-12	1.0E+06	7.8E-06
220	0.40299	6.65E-07	2.7E-07	1.05E-03	2.80E-10	2.27E-01	1.57E-01	1.00E-11	1.0E+06	1.0E-05
221	0.41967	6.65E-07	2.8E-07	1.05E-03	2.92E-10	2.27E-01	1.57E-01	1.04E-11	1.0E+06	1.0E-05
222	0.43754	6.65E-07	2.9E-07	1.05E-03	3.04E-10	2.27E-01	1.57E-01	1.09E-11	1.0E+06	1.1E-05
223	0.45674	6.65E-07	3.0E-07	1.05E-03	3.18E-10	2.27E-01	1.57E-01	1.13E-11	1.0E+06	1.1E-05
224	0.47741	6.65E-07	3.2E-07	1.05E-03	3.32E-10	2.27E-01	1.57E-01	1.19E-11	1.0E+06	1.2E-05
225	0.49973	6.65E-07	3.3E-07	1.05E-03	3.47E-10	2.27E-01	1.57E-01	1.24E-11	1.0E+06	1.2E-05
226	0.524	6.65E-07	3.5E-07	1.05E-03	3.64E-10	2.27E-01	1.57E-01	1.30E-11	1.0E+06	1.3E-05
227	0.23528	6.65E-07	1.6E-07	1.05E-03	1.64E-10	2.27E-01	1.57E-01	5.85E-12	1.0E+06	5.8E-06
228	0.24177	6.65E-07	1.6E-07	1.05E-03	1.68E-10	2.27E-01	1.57E-01	6.01E-12	1.0E+06	6.0E-06
229	0.24877	6.65E-07	1.7E-07	1.05E-03	1.73E-10	2.27E-01	1.57E-01	6.18E-12	1.0E+06	6.2E-06
230	0.25615	6.65E-07	1.7E-07	1.05E-03	1.78E-10	2.27E-01	1.57E-01	6.36E-12	1.0E+06	6.4E-06
231	0.2639	6.65E-07	1.8E-07	1.05E-03	1.84E-10	2.27E-01	1.57E-01	6.56E-12	1.0E+06	6.6E-06
232	0.27205	6.65E-07	1.8E-07	1.05E-03	1.89E-10	2.27E-01	1.57E-01	6.76E-12	1.0E+06	6.8E-06
233	0.28064	6.65E-07	1.9E-07	1.05E-03	1.95E-10	2.27E-01	1.57E-01	6.97E-12	1.0E+06	7.0E-06
234	0.2897	6.65E-07	1.9E-07	1.05E-03	2.01E-10	2.27E-01	1.57E-01	7.20E-12	1.0E+06	7.2E-06
235	0.29927	6.65E-07	2.0E-07	1.05E-03	2.08E-10	2.27E-01	1.57E-01	7.44E-12	1.0E+06	7.4E-06
236	0.30938	6.65E-07	2.1E-07	1.05E-03	2.15E-10	2.27E-01	1.57E-01	7.69E-12	1.0E+06	7.7E-06
237	0.38441	6.65E-07	2.6E-07	1.05E-03	2.67E-10	2.27E-01	1.57E-01	9.55E-12	1.0E+06	9.6E-06
238	0.39992	6.65E-07	2.7E-07	1.05E-03	2.78E-10	2.27E-01	1.57E-01	9.94E-12	1.0E+06	9.9E-06
239	0.41652	6.65E-07	2.8E-07	1.05E-03	2.90E-10	2.27E-01	1.57E-01	1.03E-11	1.0E+06	1.0E-05
240	0.43431	6.65E-07	2.9E-07	1.05E-03	3.02E-10	2.27E-01	1.57E-01	1.08E-11	1.0E+06	1.1E-05
241	0.45341	6.65E-07	3.0E-07	1.05E-03	3.15E-10	2.27E-01	1.57E-01	1.13E-11	1.0E+06	1.1E-05
242	0.47397	6.65E-07	3.2E-07	1.05E-03	3.30E-10	2.27E-01	1.57E-01	1.18E-11	1.0E+06	1.2E-05
243	0.49689	6.65E-07	3.3E-07	1.05E-03	3.46E-10	2.27E-01	1.57E-01	1.23E-11	1.0E+06	1.2E-05
244	0.52264	6.65E-07	3.5E-07	1.05E-03	3.63E-10	2.27E-01	1.57E-01	1.30E-11	1.0E+06	1.3E-05
245	0.24529	6.65E-07	1.6E-07	1.05E-03	1.71E-10	2.27E-01	1.57E-01	6.09E-12	1.0E+06	6.1E-06
246	0.25255	6.65E-07	1.7E-07	1.05E-03	1.76E-10	2.27E-01	1.57E-01	6.28E-12	1.0E+06	6.3E-06
247	0.26019	6.65E-07	1.7E-07	1.05E-03	1.81E-10	2.27E-01	1.57E-01	6.47E-12	1.0E+06	6.5E-06

Berkley WTPF

Haul1 Mitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
248	0.26823	6.65E-07	1.8E-07	1.05E-03	1.87E-10	2.27E-01	1.57E-01	6.66E-12	1.0E+06	6.7E-06
249	0.27669	6.65E-07	1.8E-07	1.05E-03	1.92E-10	2.27E-01	1.57E-01	6.88E-12	1.0E+06	6.9E-06
250	0.28562	6.65E-07	1.9E-07	1.05E-03	1.99E-10	2.27E-01	1.57E-01	7.10E-12	1.0E+06	7.1E-06
251	0.29505	6.65E-07	2.0E-07	1.05E-03	2.05E-10	2.27E-01	1.57E-01	7.33E-12	1.0E+06	7.3E-06
252	0.30501	6.65E-07	2.0E-07	1.05E-03	2.12E-10	2.27E-01	1.57E-01	7.58E-12	1.0E+06	7.6E-06
253	0.37891	6.65E-07	2.5E-07	1.05E-03	2.63E-10	2.27E-01	1.57E-01	9.42E-12	1.0E+06	9.4E-06
254	0.39418	6.65E-07	2.6E-07	1.05E-03	2.74E-10	2.27E-01	1.57E-01	9.79E-12	1.0E+06	9.8E-06
255	0.41052	6.65E-07	2.7E-07	1.05E-03	2.85E-10	2.27E-01	1.57E-01	1.02E-11	1.0E+06	1.0E-05
256	0.42802	6.65E-07	2.8E-07	1.05E-03	2.98E-10	2.27E-01	1.57E-01	1.06E-11	1.0E+06	1.1E-05
257	0.44682	6.65E-07	3.0E-07	1.05E-03	3.11E-10	2.27E-01	1.57E-01	1.11E-11	1.0E+06	1.1E-05
258	0.46704	6.65E-07	3.1E-07	1.05E-03	3.25E-10	2.27E-01	1.57E-01	1.16E-11	1.0E+06	1.2E-05
259	0.49022	6.65E-07	3.3E-07	1.05E-03	3.41E-10	2.27E-01	1.57E-01	1.22E-11	1.0E+06	1.2E-05
260	0.28035	6.65E-07	1.9E-07	1.05E-03	1.95E-10	2.27E-01	1.57E-01	6.97E-12	1.0E+06	7.0E-06
261	0.28956	6.65E-07	1.9E-07	1.05E-03	2.01E-10	2.27E-01	1.57E-01	7.19E-12	1.0E+06	7.2E-06
262	0.35748	6.65E-07	2.4E-07	1.05E-03	2.49E-10	2.27E-01	1.57E-01	8.88E-12	1.0E+06	8.9E-06
263	0.37142	6.65E-07	2.5E-07	1.05E-03	2.58E-10	2.27E-01	1.57E-01	9.23E-12	1.0E+06	9.2E-06
264	0.38631	6.65E-07	2.6E-07	1.05E-03	2.69E-10	2.27E-01	1.57E-01	9.60E-12	1.0E+06	9.6E-06
265	0.40223	6.65E-07	2.7E-07	1.05E-03	2.80E-10	2.27E-01	1.57E-01	9.99E-12	1.0E+06	1.0E-05
266	0.41928	6.65E-07	2.8E-07	1.05E-03	2.92E-10	2.27E-01	1.57E-01	1.04E-11	1.0E+06	1.0E-05
267	0.43758	6.65E-07	2.9E-07	1.05E-03	3.04E-10	2.27E-01	1.57E-01	1.09E-11	1.0E+06	1.1E-05
268	0.45736	6.65E-07	3.0E-07	1.05E-03	3.18E-10	2.27E-01	1.57E-01	1.14E-11	1.0E+06	1.1E-05
269	0.48049	6.65E-07	3.2E-07	1.05E-03	3.34E-10	2.27E-01	1.57E-01	1.19E-11	1.0E+06	1.2E-05
270	0.34914	6.65E-07	2.3E-07	1.05E-03	2.43E-10	2.27E-01	1.57E-01	8.68E-12	1.0E+06	8.7E-06
271	0.36265	6.65E-07	2.4E-07	1.05E-03	2.52E-10	2.27E-01	1.57E-01	9.01E-12	1.0E+06	9.0E-06
272	0.37706	6.65E-07	2.5E-07	1.05E-03	2.62E-10	2.27E-01	1.57E-01	9.37E-12	1.0E+06	9.4E-06
273	0.39246	6.65E-07	2.6E-07	1.05E-03	2.73E-10	2.27E-01	1.57E-01	9.75E-12	1.0E+06	9.8E-06
274	0.40894	6.65E-07	2.7E-07	1.05E-03	2.84E-10	2.27E-01	1.57E-01	1.02E-11	1.0E+06	1.0E-05
275	0.42663	6.65E-07	2.8E-07	1.05E-03	2.97E-10	2.27E-01	1.57E-01	1.06E-11	1.0E+06	1.1E-05
276	0.44698	6.65E-07	3.0E-07	1.05E-03	3.11E-10	2.27E-01	1.57E-01	1.11E-11	1.0E+06	1.1E-05
277	0.20192	6.65E-07	1.3E-07	1.05E-03	1.40E-10	2.27E-01	1.57E-01	5.02E-12	1.0E+06	5.0E-06
278	0.2069	6.65E-07	1.4E-07	1.05E-03	1.44E-10	2.27E-01	1.57E-01	5.14E-12	1.0E+06	5.1E-06

Berkley WTPF

Haul1 Mitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
279	0.21243	6.65E-07	1.4E-07	1.05E-03	1.48E-10	2.27E-01	1.57E-01	5.28E-12	1.0E+06	5.3E-06
280	0.21825	6.65E-07	1.5E-07	1.05E-03	1.52E-10	2.27E-01	1.57E-01	5.42E-12	1.0E+06	5.4E-06
281	0.22435	6.65E-07	1.5E-07	1.05E-03	1.56E-10	2.27E-01	1.57E-01	5.57E-12	1.0E+06	5.6E-06
282	0.32802	6.65E-07	2.2E-07	1.05E-03	2.28E-10	2.27E-01	1.57E-01	8.15E-12	1.0E+06	8.2E-06
283	0.34026	6.65E-07	2.3E-07	1.05E-03	2.37E-10	2.27E-01	1.57E-01	8.45E-12	1.0E+06	8.5E-06
284	0.35329	6.65E-07	2.4E-07	1.05E-03	2.46E-10	2.27E-01	1.57E-01	8.78E-12	1.0E+06	8.8E-06
285	0.36718	6.65E-07	2.4E-07	1.05E-03	2.55E-10	2.27E-01	1.57E-01	9.12E-12	1.0E+06	9.1E-06
286	0.38201	6.65E-07	2.5E-07	1.05E-03	2.66E-10	2.27E-01	1.57E-01	9.49E-12	1.0E+06	9.5E-06
287	0.39788	6.65E-07	2.6E-07	1.05E-03	2.77E-10	2.27E-01	1.57E-01	9.89E-12	1.0E+06	9.9E-06
288	0.41489	6.65E-07	2.8E-07	1.05E-03	2.88E-10	2.27E-01	1.57E-01	1.03E-11	1.0E+06	1.0E-05
289	0.43558	6.65E-07	2.9E-07	1.05E-03	3.03E-10	2.27E-01	1.57E-01	1.08E-11	1.0E+06	1.1E-05
290	0.19255	6.65E-07	1.3E-07	1.05E-03	1.34E-10	2.27E-01	1.57E-01	4.78E-12	1.0E+06	4.8E-06
291	0.19719	6.65E-07	1.3E-07	1.05E-03	1.37E-10	2.27E-01	1.57E-01	4.90E-12	1.0E+06	4.9E-06
292	0.20236	6.65E-07	1.3E-07	1.05E-03	1.41E-10	2.27E-01	1.57E-01	5.03E-12	1.0E+06	5.0E-06
293	0.20776	6.65E-07	1.4E-07	1.05E-03	1.44E-10	2.27E-01	1.57E-01	5.16E-12	1.0E+06	5.2E-06
294	0.21341	6.65E-07	1.4E-07	1.05E-03	1.48E-10	2.27E-01	1.57E-01	5.30E-12	1.0E+06	5.3E-06
295	0.21932	6.65E-07	1.5E-07	1.05E-03	1.53E-10	2.27E-01	1.57E-01	5.45E-12	1.0E+06	5.4E-06
296	0.22552	6.65E-07	1.5E-07	1.05E-03	1.57E-10	2.27E-01	1.57E-01	5.60E-12	1.0E+06	5.6E-06
297	0.23203	6.65E-07	1.5E-07	1.05E-03	1.61E-10	2.27E-01	1.57E-01	5.77E-12	1.0E+06	5.8E-06
298	0.23885	6.65E-07	1.6E-07	1.05E-03	1.66E-10	2.27E-01	1.57E-01	5.93E-12	1.0E+06	5.9E-06
299	0.24603	6.65E-07	1.6E-07	1.05E-03	1.71E-10	2.27E-01	1.57E-01	6.11E-12	1.0E+06	6.1E-06
300	0.25358	6.65E-07	1.7E-07	1.05E-03	1.76E-10	2.27E-01	1.57E-01	6.30E-12	1.0E+06	6.3E-06
301	0.31955	6.65E-07	2.1E-07	1.05E-03	2.22E-10	2.27E-01	1.57E-01	7.94E-12	1.0E+06	7.9E-06
302	0.33134	6.65E-07	2.2E-07	1.05E-03	2.30E-10	2.27E-01	1.57E-01	8.23E-12	1.0E+06	8.2E-06
303	0.34389	6.65E-07	2.3E-07	1.05E-03	2.39E-10	2.27E-01	1.57E-01	8.54E-12	1.0E+06	8.5E-06
304	0.35726	6.65E-07	2.4E-07	1.05E-03	2.48E-10	2.27E-01	1.57E-01	8.88E-12	1.0E+06	8.9E-06
305	0.37153	6.65E-07	2.5E-07	1.05E-03	2.58E-10	2.27E-01	1.57E-01	9.23E-12	1.0E+06	9.2E-06
306	0.38678	6.65E-07	2.6E-07	1.05E-03	2.69E-10	2.27E-01	1.57E-01	9.61E-12	1.0E+06	9.6E-06
307	0.40311	6.65E-07	2.7E-07	1.05E-03	2.80E-10	2.27E-01	1.57E-01	1.00E-11	1.0E+06	1.0E-05
308	0.18846	6.65E-07	1.3E-07	1.05E-03	1.31E-10	2.27E-01	1.57E-01	4.68E-12	1.0E+06	4.7E-06
309	0.19298	6.65E-07	1.3E-07	1.05E-03	1.34E-10	2.27E-01	1.57E-01	4.80E-12	1.0E+06	4.8E-06

Berkley WTPF

Haul1 Mitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
310	0.19799	6.65E-07	1.3E-07	1.05E-03	1.38E-10	2.27E-01	1.57E-01	4.92E-12	1.0E+06	4.9E-06
311	0.20324	6.65E-07	1.4E-07	1.05E-03	1.41E-10	2.27E-01	1.57E-01	5.05E-12	1.0E+06	5.1E-06
312	0.20872	6.65E-07	1.4E-07	1.05E-03	1.45E-10	2.27E-01	1.57E-01	5.19E-12	1.0E+06	5.2E-06
313	0.21446	6.65E-07	1.4E-07	1.05E-03	1.49E-10	2.27E-01	1.57E-01	5.33E-12	1.0E+06	5.3E-06
314	0.22047	6.65E-07	1.5E-07	1.05E-03	1.53E-10	2.27E-01	1.57E-01	5.48E-12	1.0E+06	5.5E-06
315	0.22677	6.65E-07	1.5E-07	1.05E-03	1.58E-10	2.27E-01	1.57E-01	5.63E-12	1.0E+06	5.6E-06
316	0.23339	6.65E-07	1.6E-07	1.05E-03	1.62E-10	2.27E-01	1.57E-01	5.80E-12	1.0E+06	5.8E-06
317	0.24034	6.65E-07	1.6E-07	1.05E-03	1.67E-10	2.27E-01	1.57E-01	5.97E-12	1.0E+06	6.0E-06
318	0.24765	6.65E-07	1.6E-07	1.05E-03	1.72E-10	2.27E-01	1.57E-01	6.15E-12	1.0E+06	6.2E-06
319	0.25534	6.65E-07	1.7E-07	1.05E-03	1.78E-10	2.27E-01	1.57E-01	6.34E-12	1.0E+06	6.3E-06
320	0.26344	6.65E-07	1.8E-07	1.05E-03	1.83E-10	2.27E-01	1.57E-01	6.55E-12	1.0E+06	6.5E-06
321	0.27199	6.65E-07	1.8E-07	1.05E-03	1.89E-10	2.27E-01	1.57E-01	6.76E-12	1.0E+06	6.8E-06
322	0.28101	6.65E-07	1.9E-07	1.05E-03	1.95E-10	2.27E-01	1.57E-01	6.98E-12	1.0E+06	7.0E-06
323	0.31137	6.65E-07	2.1E-07	1.05E-03	2.17E-10	2.27E-01	1.57E-01	7.74E-12	1.0E+06	7.7E-06
324	0.32274	6.65E-07	2.1E-07	1.05E-03	2.24E-10	2.27E-01	1.57E-01	8.02E-12	1.0E+06	8.0E-06
325	0.33483	6.65E-07	2.2E-07	1.05E-03	2.33E-10	2.27E-01	1.57E-01	8.32E-12	1.0E+06	8.3E-06
326	0.3477	6.65E-07	2.3E-07	1.05E-03	2.42E-10	2.27E-01	1.57E-01	8.64E-12	1.0E+06	8.6E-06
327	0.36143	6.65E-07	2.4E-07	1.05E-03	2.51E-10	2.27E-01	1.57E-01	8.98E-12	1.0E+06	9.0E-06
328	0.37609	6.65E-07	2.5E-07	1.05E-03	2.62E-10	2.27E-01	1.57E-01	9.34E-12	1.0E+06	9.3E-06
329	0.39179	6.65E-07	2.6E-07	1.05E-03	2.72E-10	2.27E-01	1.57E-01	9.74E-12	1.0E+06	9.7E-06
330	0.1846	6.65E-07	1.2E-07	1.05E-03	1.28E-10	2.27E-01	1.57E-01	4.59E-12	1.0E+06	4.6E-06
331	0.18899	6.65E-07	1.3E-07	1.05E-03	1.31E-10	2.27E-01	1.57E-01	4.70E-12	1.0E+06	4.7E-06
332	0.19386	6.65E-07	1.3E-07	1.05E-03	1.35E-10	2.27E-01	1.57E-01	4.82E-12	1.0E+06	4.8E-06
333	0.19896	6.65E-07	1.3E-07	1.05E-03	1.38E-10	2.27E-01	1.57E-01	4.94E-12	1.0E+06	4.9E-06
334	0.20428	6.65E-07	1.4E-07	1.05E-03	1.42E-10	2.27E-01	1.57E-01	5.08E-12	1.0E+06	5.1E-06
335	0.20986	6.65E-07	1.4E-07	1.05E-03	1.46E-10	2.27E-01	1.57E-01	5.21E-12	1.0E+06	5.2E-06
336	0.21569	6.65E-07	1.4E-07	1.05E-03	1.50E-10	2.27E-01	1.57E-01	5.36E-12	1.0E+06	5.4E-06
337	0.22181	6.65E-07	1.5E-07	1.05E-03	1.54E-10	2.27E-01	1.57E-01	5.51E-12	1.0E+06	5.5E-06
338	0.22822	6.65E-07	1.5E-07	1.05E-03	1.59E-10	2.27E-01	1.57E-01	5.67E-12	1.0E+06	5.7E-06
339	0.23496	6.65E-07	1.6E-07	1.05E-03	1.63E-10	2.27E-01	1.57E-01	5.84E-12	1.0E+06	5.8E-06
340	0.24204	6.65E-07	1.6E-07	1.05E-03	1.68E-10	2.27E-01	1.57E-01	6.01E-12	1.0E+06	6.0E-06

Berkley WTPF

Haul1 Mitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
341	0.24948	6.65E-07	1.7E-07	1.05E-03	1.73E-10	2.27E-01	1.57E-01	6.20E-12	1.0E+06	6.2E-06
342	0.25733	6.65E-07	1.7E-07	1.05E-03	1.79E-10	2.27E-01	1.57E-01	6.39E-12	1.0E+06	6.4E-06
343	0.2656	6.65E-07	1.8E-07	1.05E-03	1.85E-10	2.27E-01	1.57E-01	6.60E-12	1.0E+06	6.6E-06
344	0.27432	6.65E-07	1.8E-07	1.05E-03	1.91E-10	2.27E-01	1.57E-01	6.82E-12	1.0E+06	6.8E-06
345	0.28355	6.65E-07	1.9E-07	1.05E-03	1.97E-10	2.27E-01	1.57E-01	7.05E-12	1.0E+06	7.0E-06
346	0.29331	6.65E-07	2.0E-07	1.05E-03	2.04E-10	2.27E-01	1.57E-01	7.29E-12	1.0E+06	7.3E-06
347	0.30365	6.65E-07	2.0E-07	1.05E-03	2.11E-10	2.27E-01	1.57E-01	7.54E-12	1.0E+06	7.5E-06
348	0.31462	6.65E-07	2.1E-07	1.05E-03	2.19E-10	2.27E-01	1.57E-01	7.82E-12	1.0E+06	7.8E-06
349	0.32627	6.65E-07	2.2E-07	1.05E-03	2.27E-10	2.27E-01	1.57E-01	8.11E-12	1.0E+06	8.1E-06
350	0.33868	6.65E-07	2.3E-07	1.05E-03	2.36E-10	2.27E-01	1.57E-01	8.42E-12	1.0E+06	8.4E-06
351	0.35243	6.65E-07	2.3E-07	1.05E-03	2.45E-10	2.27E-01	1.57E-01	8.76E-12	1.0E+06	8.8E-06
352	0.3669	6.65E-07	2.4E-07	1.05E-03	2.55E-10	2.27E-01	1.57E-01	9.12E-12	1.0E+06	9.1E-06
353	0.18099	6.65E-07	1.2E-07	1.05E-03	1.26E-10	2.27E-01	1.57E-01	4.50E-12	1.0E+06	4.5E-06
354	0.18526	6.65E-07	1.2E-07	1.05E-03	1.29E-10	2.27E-01	1.57E-01	4.60E-12	1.0E+06	4.6E-06
355	0.19	6.65E-07	1.3E-07	1.05E-03	1.32E-10	2.27E-01	1.57E-01	4.72E-12	1.0E+06	4.7E-06
356	0.19496	6.65E-07	1.3E-07	1.05E-03	1.36E-10	2.27E-01	1.57E-01	4.84E-12	1.0E+06	4.8E-06
357	0.20013	6.65E-07	1.3E-07	1.05E-03	1.39E-10	2.27E-01	1.57E-01	4.97E-12	1.0E+06	5.0E-06
358	0.20555	6.65E-07	1.4E-07	1.05E-03	1.43E-10	2.27E-01	1.57E-01	5.11E-12	1.0E+06	5.1E-06
359	0.21122	6.65E-07	1.4E-07	1.05E-03	1.47E-10	2.27E-01	1.57E-01	5.25E-12	1.0E+06	5.2E-06
360	0.21715	6.65E-07	1.4E-07	1.05E-03	1.51E-10	2.27E-01	1.57E-01	5.40E-12	1.0E+06	5.4E-06
361	0.22338	6.65E-07	1.5E-07	1.05E-03	1.55E-10	2.27E-01	1.57E-01	5.55E-12	1.0E+06	5.6E-06
362	0.22991	6.65E-07	1.5E-07	1.05E-03	1.60E-10	2.27E-01	1.57E-01	5.71E-12	1.0E+06	5.7E-06
363	0.23678	6.65E-07	1.6E-07	1.05E-03	1.65E-10	2.27E-01	1.57E-01	5.88E-12	1.0E+06	5.9E-06
364	0.244	6.65E-07	1.6E-07	1.05E-03	1.70E-10	2.27E-01	1.57E-01	6.06E-12	1.0E+06	6.1E-06
365	0.2516	6.65E-07	1.7E-07	1.05E-03	1.75E-10	2.27E-01	1.57E-01	6.25E-12	1.0E+06	6.3E-06
366	0.2596	6.65E-07	1.7E-07	1.05E-03	1.81E-10	2.27E-01	1.57E-01	6.45E-12	1.0E+06	6.5E-06
367	0.26805	6.65E-07	1.8E-07	1.05E-03	1.86E-10	2.27E-01	1.57E-01	6.66E-12	1.0E+06	6.7E-06
368	0.27698	6.65E-07	1.8E-07	1.05E-03	1.93E-10	2.27E-01	1.57E-01	6.88E-12	1.0E+06	6.9E-06
369	0.28643	6.65E-07	1.9E-07	1.05E-03	1.99E-10	2.27E-01	1.57E-01	7.12E-12	1.0E+06	7.1E-06
370	0.2965	6.65E-07	2.0E-07	1.05E-03	2.06E-10	2.27E-01	1.57E-01	7.37E-12	1.0E+06	7.4E-06
371	0.30716	6.65E-07	2.0E-07	1.05E-03	2.14E-10	2.27E-01	1.57E-01	7.63E-12	1.0E+06	7.6E-06

Berkley WTPF

Haul1 Mitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
372	0.31847	6.65E-07	2.1E-07	1.05E-03	2.21E-10	2.27E-01	1.57E-01	7.91E-12	1.0E+06	7.9E-06
373	0.18178	6.65E-07	1.2E-07	1.05E-03	1.26E-10	2.27E-01	1.57E-01	4.52E-12	1.0E+06	4.5E-06
374	0.1864	6.65E-07	1.2E-07	1.05E-03	1.30E-10	2.27E-01	1.57E-01	4.63E-12	1.0E+06	4.6E-06
375	0.19122	6.65E-07	1.3E-07	1.05E-03	1.33E-10	2.27E-01	1.57E-01	4.75E-12	1.0E+06	4.8E-06
376	0.19626	6.65E-07	1.3E-07	1.05E-03	1.36E-10	2.27E-01	1.57E-01	4.88E-12	1.0E+06	4.9E-06
377	0.20152	6.65E-07	1.3E-07	1.05E-03	1.40E-10	2.27E-01	1.57E-01	5.01E-12	1.0E+06	5.0E-06
378	0.20703	6.65E-07	1.4E-07	1.05E-03	1.44E-10	2.27E-01	1.57E-01	5.14E-12	1.0E+06	5.1E-06
379	0.2128	6.65E-07	1.4E-07	1.05E-03	1.48E-10	2.27E-01	1.57E-01	5.29E-12	1.0E+06	5.3E-06
380	0.21885	6.65E-07	1.5E-07	1.05E-03	1.52E-10	2.27E-01	1.57E-01	5.44E-12	1.0E+06	5.4E-06
381	0.22519	6.65E-07	1.5E-07	1.05E-03	1.57E-10	2.27E-01	1.57E-01	5.60E-12	1.0E+06	5.6E-06
382	0.23185	6.65E-07	1.5E-07	1.05E-03	1.61E-10	2.27E-01	1.57E-01	5.76E-12	1.0E+06	5.8E-06
383	0.23886	6.65E-07	1.6E-07	1.05E-03	1.66E-10	2.27E-01	1.57E-01	5.94E-12	1.0E+06	5.9E-06
384	0.24623	6.65E-07	1.6E-07	1.05E-03	1.71E-10	2.27E-01	1.57E-01	6.12E-12	1.0E+06	6.1E-06
385	0.25399	6.65E-07	1.7E-07	1.05E-03	1.77E-10	2.27E-01	1.57E-01	6.31E-12	1.0E+06	6.3E-06
386	0.26218	6.65E-07	1.7E-07	1.05E-03	1.82E-10	2.27E-01	1.57E-01	6.51E-12	1.0E+06	6.5E-06
387	0.27083	6.65E-07	1.8E-07	1.05E-03	1.88E-10	2.27E-01	1.57E-01	6.73E-12	1.0E+06	6.7E-06
388	0.28029	6.65E-07	1.9E-07	1.05E-03	1.95E-10	2.27E-01	1.57E-01	6.96E-12	1.0E+06	7.0E-06
389	0.17879	6.65E-07	1.2E-07	1.05E-03	1.24E-10	2.27E-01	1.57E-01	4.44E-12	1.0E+06	4.4E-06
390	0.1833	6.65E-07	1.2E-07	1.05E-03	1.27E-10	2.27E-01	1.57E-01	4.55E-12	1.0E+06	4.6E-06
391	0.18783	6.65E-07	1.2E-07	1.05E-03	1.31E-10	2.27E-01	1.57E-01	4.67E-12	1.0E+06	4.7E-06
392	0.19261	6.65E-07	1.3E-07	1.05E-03	1.34E-10	2.27E-01	1.57E-01	4.79E-12	1.0E+06	4.8E-06
393	0.19773	6.65E-07	1.3E-07	1.05E-03	1.37E-10	2.27E-01	1.57E-01	4.91E-12	1.0E+06	4.9E-06
394	0.20309	6.65E-07	1.4E-07	1.05E-03	1.41E-10	2.27E-01	1.57E-01	5.05E-12	1.0E+06	5.0E-06
395	0.2087	6.65E-07	1.4E-07	1.05E-03	1.45E-10	2.27E-01	1.57E-01	5.19E-12	1.0E+06	5.2E-06
396	0.21457	6.65E-07	1.4E-07	1.05E-03	1.49E-10	2.27E-01	1.57E-01	5.33E-12	1.0E+06	5.3E-06
397	0.22074	6.65E-07	1.5E-07	1.05E-03	1.53E-10	2.27E-01	1.57E-01	5.48E-12	1.0E+06	5.5E-06
398	0.22721	6.65E-07	1.5E-07	1.05E-03	1.58E-10	2.27E-01	1.57E-01	5.65E-12	1.0E+06	5.6E-06
399	0.23401	6.65E-07	1.6E-07	1.05E-03	1.63E-10	2.27E-01	1.57E-01	5.81E-12	1.0E+06	5.8E-06
400	0.24117	6.65E-07	1.6E-07	1.05E-03	1.68E-10	2.27E-01	1.57E-01	5.99E-12	1.0E+06	6.0E-06
401	0.24871	6.65E-07	1.7E-07	1.05E-03	1.73E-10	2.27E-01	1.57E-01	6.18E-12	1.0E+06	6.2E-06
402	0.25666	6.65E-07	1.7E-07	1.05E-03	1.78E-10	2.27E-01	1.57E-01	6.38E-12	1.0E+06	6.4E-06

Berkley WTPF

Haul1 Mitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
403	0.26505	6.65E-07	1.8E-07	1.05E-03	1.84E-10	2.27E-01	1.57E-01	6.59E-12	1.0E+06	6.6E-06
404	0.18054	6.65E-07	1.2E-07	1.05E-03	1.26E-10	2.27E-01	1.57E-01	4.49E-12	1.0E+06	4.5E-06
405	0.18472	6.65E-07	1.2E-07	1.05E-03	1.28E-10	2.27E-01	1.57E-01	4.59E-12	1.0E+06	4.6E-06
406	0.1892	6.65E-07	1.3E-07	1.05E-03	1.32E-10	2.27E-01	1.57E-01	4.70E-12	1.0E+06	4.7E-06
407	0.19413	6.65E-07	1.3E-07	1.05E-03	1.35E-10	2.27E-01	1.57E-01	4.82E-12	1.0E+06	4.8E-06
408	0.19935	6.65E-07	1.3E-07	1.05E-03	1.39E-10	2.27E-01	1.57E-01	4.95E-12	1.0E+06	5.0E-06
409	0.2048	6.65E-07	1.4E-07	1.05E-03	1.42E-10	2.27E-01	1.57E-01	5.09E-12	1.0E+06	5.1E-06
410	0.21052	6.65E-07	1.4E-07	1.05E-03	1.46E-10	2.27E-01	1.57E-01	5.23E-12	1.0E+06	5.2E-06
411	0.21652	6.65E-07	1.4E-07	1.05E-03	1.51E-10	2.27E-01	1.57E-01	5.38E-12	1.0E+06	5.4E-06
412	0.22281	6.65E-07	1.5E-07	1.05E-03	1.55E-10	2.27E-01	1.57E-01	5.54E-12	1.0E+06	5.5E-06
413	0.22943	6.65E-07	1.5E-07	1.05E-03	1.60E-10	2.27E-01	1.57E-01	5.70E-12	1.0E+06	5.7E-06
414	0.23639	6.65E-07	1.6E-07	1.05E-03	1.64E-10	2.27E-01	1.57E-01	5.87E-12	1.0E+06	5.9E-06
415	0.24372	6.65E-07	1.6E-07	1.05E-03	1.69E-10	2.27E-01	1.57E-01	6.06E-12	1.0E+06	6.1E-06
416	0.25146	6.65E-07	1.7E-07	1.05E-03	1.75E-10	2.27E-01	1.57E-01	6.25E-12	1.0E+06	6.2E-06
417	0.25967	6.65E-07	1.7E-07	1.05E-03	1.81E-10	2.27E-01	1.57E-01	6.45E-12	1.0E+06	6.5E-06
418	0.18658	6.65E-07	1.2E-07	1.05E-03	1.30E-10	2.27E-01	1.57E-01	4.64E-12	1.0E+06	4.6E-06
419	0.19075	6.65E-07	1.3E-07	1.05E-03	1.33E-10	2.27E-01	1.57E-01	4.74E-12	1.0E+06	4.7E-06
420	0.19577	6.65E-07	1.3E-07	1.05E-03	1.36E-10	2.27E-01	1.57E-01	4.86E-12	1.0E+06	4.9E-06
421	0.20108	6.65E-07	1.3E-07	1.05E-03	1.40E-10	2.27E-01	1.57E-01	5.00E-12	1.0E+06	5.0E-06
422	0.20666	6.65E-07	1.4E-07	1.05E-03	1.44E-10	2.27E-01	1.57E-01	5.14E-12	1.0E+06	5.1E-06
423	0.2125	6.65E-07	1.4E-07	1.05E-03	1.48E-10	2.27E-01	1.57E-01	5.28E-12	1.0E+06	5.3E-06
424	0.21863	6.65E-07	1.5E-07	1.05E-03	1.52E-10	2.27E-01	1.57E-01	5.43E-12	1.0E+06	5.4E-06
425	0.22508	6.65E-07	1.5E-07	1.05E-03	1.57E-10	2.27E-01	1.57E-01	5.59E-12	1.0E+06	5.6E-06
426	0.23187	6.65E-07	1.5E-07	1.05E-03	1.61E-10	2.27E-01	1.57E-01	5.76E-12	1.0E+06	5.8E-06
427	0.23902	6.65E-07	1.6E-07	1.05E-03	1.66E-10	2.27E-01	1.57E-01	5.94E-12	1.0E+06	5.9E-06
428	0.24657	6.65E-07	1.6E-07	1.05E-03	1.71E-10	2.27E-01	1.57E-01	6.13E-12	1.0E+06	6.1E-06
429	0.25512	6.65E-07	1.7E-07	1.05E-03	1.77E-10	2.27E-01	1.57E-01	6.34E-12	1.0E+06	6.3E-06
430	0.20917	6.65E-07	1.4E-07	1.05E-03	1.45E-10	2.27E-01	1.57E-01	5.20E-12	1.0E+06	5.2E-06
431	0.21505	6.65E-07	1.4E-07	1.05E-03	1.50E-10	2.27E-01	1.57E-01	5.34E-12	1.0E+06	5.3E-06
432	0.22137	6.65E-07	1.5E-07	1.05E-03	1.54E-10	2.27E-01	1.57E-01	5.50E-12	1.0E+06	5.5E-06
433	0.22778	6.65E-07	1.5E-07	1.05E-03	1.58E-10	2.27E-01	1.57E-01	5.66E-12	1.0E+06	5.7E-06

Berkley WTPF

Haul1 Mitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
434	0.23462	6.65E-07	1.6E-07	1.05E-03	1.63E-10	2.27E-01	1.57E-01	5.83E-12	1.0E+06	5.8E-06
435	0.242	6.65E-07	1.6E-07	1.05E-03	1.68E-10	2.27E-01	1.57E-01	6.01E-12	1.0E+06	6.0E-06

Berkley WTPF
Haul1 Mitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
		Residence	
1	5	3.38E-08	3.38E-08
2	5	3.50E-08	3.50E-08
3	5	3.63E-08	3.63E-08
4	5	3.77E-08	3.77E-08
5	5	3.91E-08	3.91E-08
6	5	4.07E-08	4.07E-08
7	5	4.24E-08	4.24E-08
8	5	4.42E-08	4.42E-08
9	5	3.25E-08	3.25E-08
10	5	3.35E-08	3.35E-08
11	5	3.46E-08	3.46E-08
12	5	3.59E-08	3.59E-08
13	5	3.72E-08	3.72E-08
14	5	3.86E-08	3.86E-08
15	5	4.01E-08	4.01E-08
16	5	4.17E-08	4.17E-08
17	5	4.34E-08	4.34E-08
18	5	4.53E-08	4.53E-08
19	5	4.74E-08	4.74E-08
20	5	4.95E-08	4.95E-08
21	5	3.24E-08	3.24E-08
22	5	3.33E-08	3.33E-08
23	5	3.44E-08	3.44E-08
24	5	3.56E-08	3.56E-08
25	5	3.69E-08	3.69E-08
26	5	3.82E-08	3.82E-08
27	5	3.97E-08	3.97E-08
28	5	4.12E-08	4.12E-08
29	5	4.29E-08	4.29E-08
30	5	4.46E-08	4.46E-08

Max	Receptor #	
7.607E-08	120	Res
1.889E-08	511	Park
9.496E-08	120	Total

Berkley WTPF
Haul1 Mitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
31	5	4.65E-08	4.65E-08
32	5	4.86E-08	4.86E-08
33	5	5.08E-08	5.08E-08
34	5	5.31E-08	5.31E-08
35	5	5.57E-08	5.57E-08
36	5	5.85E-08	5.85E-08
37	5	3.23E-08	3.23E-08
38	5	3.33E-08	3.33E-08
39	5	3.44E-08	3.44E-08
40	5	3.56E-08	3.56E-08
41	5	3.68E-08	3.68E-08
42	5	3.81E-08	3.81E-08
43	5	3.95E-08	3.95E-08
44	5	4.09E-08	4.09E-08
45	5	4.25E-08	4.25E-08
46	5	4.42E-08	4.42E-08
47	5	4.61E-08	4.61E-08
48	5	4.80E-08	4.80E-08
49	5	5.01E-08	5.01E-08
50	5	5.24E-08	5.24E-08
51	5	5.49E-08	5.49E-08
52	5	5.76E-08	5.76E-08
53	5	6.05E-08	6.05E-08
54	5	6.37E-08	6.37E-08
55	5	6.72E-08	6.72E-08
56	5	3.17E-08	3.17E-08
57	5	3.25E-08	3.25E-08
58	5	3.35E-08	3.35E-08
59	5	3.46E-08	3.46E-08
60	5	3.57E-08	3.57E-08
61	5	3.69E-08	3.69E-08

Berkley WTPF
Haul1 Mitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
62	5	3.81E-08	3.81E-08
63	5	3.95E-08	3.95E-08
64	5	4.09E-08	4.09E-08
65	5	4.24E-08	4.24E-08
66	5	4.41E-08	4.41E-08
67	5	4.58E-08	4.58E-08
68	5	4.77E-08	4.77E-08
69	5	4.97E-08	4.97E-08
70	5	5.19E-08	5.19E-08
71	5	5.43E-08	5.43E-08
72	5	5.69E-08	5.69E-08
73	5	5.96E-08	5.96E-08
74	5	6.27E-08	6.27E-08
75	5	6.60E-08	6.60E-08
76	5	3.20E-08	3.20E-08
77	5	3.29E-08	3.29E-08
78	5	3.39E-08	3.39E-08
79	5	3.49E-08	3.49E-08
80	5	3.60E-08	3.60E-08
81	5	3.72E-08	3.72E-08
82	5	3.84E-08	3.84E-08
83	5	3.97E-08	3.97E-08
84	5	4.11E-08	4.11E-08
85	5	4.26E-08	4.26E-08
86	5	4.42E-08	4.42E-08
87	5	4.59E-08	4.59E-08
88	5	4.77E-08	4.77E-08
89	5	4.97E-08	4.97E-08
90	5	5.18E-08	5.18E-08
91	5	5.40E-08	5.40E-08
92	5	5.65E-08	5.65E-08

Berkley WTPF
Haul1 Mitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
93	5	5.92E-08	5.92E-08
94	5	6.21E-08	6.21E-08
95	5	6.53E-08	6.53E-08
96	5	6.87E-08	6.87E-08
97	5	7.25E-08	7.25E-08
98	5	3.25E-08	3.25E-08
99	5	3.34E-08	3.34E-08
100	5	3.43E-08	3.43E-08
101	5	3.54E-08	3.54E-08
102	5	3.65E-08	3.65E-08
103	5	3.76E-08	3.76E-08
104	5	3.88E-08	3.88E-08
105	5	4.01E-08	4.01E-08
106	5	4.15E-08	4.15E-08
107	5	4.29E-08	4.29E-08
108	5	4.45E-08	4.45E-08
109	5	4.62E-08	4.62E-08
110	5	4.80E-08	4.80E-08
111	5	4.99E-08	4.99E-08
112	5	5.19E-08	5.19E-08
113	5	5.41E-08	5.41E-08
114	5	5.65E-08	5.65E-08
115	5	5.91E-08	5.91E-08
116	5	6.19E-08	6.19E-08
117	5	6.50E-08	6.50E-08
118	5	6.83E-08	6.83E-08
119	5	7.20E-08	7.20E-08
120	5	7.61E-08	7.61E-08
121	5	3.21E-08	3.21E-08
122	5	3.29E-08	3.29E-08
123	5	3.38E-08	3.38E-08

Berkley WTPF
Haul1 Mitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
124	5	3.48E-08	3.48E-08
125	5	3.58E-08	3.58E-08
126	5	3.69E-08	3.69E-08
127	5	3.81E-08	3.81E-08
128	5	3.93E-08	3.93E-08
129	5	4.06E-08	4.06E-08
130	5	4.20E-08	4.20E-08
131	5	4.34E-08	4.34E-08
132	5	4.50E-08	4.50E-08
133	5	4.66E-08	4.66E-08
134	5	4.84E-08	4.84E-08
135	5	5.03E-08	5.03E-08
136	5	5.23E-08	5.23E-08
137	5	5.45E-08	5.45E-08
138	5	5.69E-08	5.69E-08
139	5	5.94E-08	5.94E-08
140	5	6.21E-08	6.21E-08
141	5	6.51E-08	6.51E-08
142	5	6.84E-08	6.84E-08
143	5	7.19E-08	7.19E-08
144	5	7.60E-08	7.60E-08
145	5	3.25E-08	3.25E-08
146	5	3.33E-08	3.33E-08
147	5	3.42E-08	3.42E-08
148	5	3.52E-08	3.52E-08
149	5	3.63E-08	3.63E-08
150	5	3.74E-08	3.74E-08
151	5	3.85E-08	3.85E-08
152	5	3.98E-08	3.98E-08
153	5	4.11E-08	4.11E-08
154	5	4.25E-08	4.25E-08

Berkley WTPF
Haul1 Mitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
155	5	4.39E-08	4.39E-08
156	5	4.55E-08	4.55E-08
157	5	4.72E-08	4.72E-08
158	5	4.89E-08	4.89E-08
159	5	5.08E-08	5.08E-08
160	5	5.29E-08	5.29E-08
161	5	5.50E-08	5.50E-08
162	5	5.74E-08	5.74E-08
163	5	5.99E-08	5.99E-08
164	5	6.26E-08	6.26E-08
165	5	6.56E-08	6.56E-08
166	5	6.87E-08	6.87E-08
167	5	7.23E-08	7.23E-08
168	5	3.27E-08	3.27E-08
169	5	3.35E-08	3.35E-08
170	5	3.44E-08	3.44E-08
171	5	3.55E-08	3.55E-08
172	5	3.65E-08	3.65E-08
173	5	3.77E-08	3.77E-08
174	5	3.89E-08	3.89E-08
175	5	4.01E-08	4.01E-08
176	5	4.14E-08	4.14E-08
177	5	4.29E-08	4.29E-08
178	5	4.43E-08	4.43E-08
179	5	4.59E-08	4.59E-08
180	5	4.76E-08	4.76E-08
181	5	4.94E-08	4.94E-08
182	5	5.13E-08	5.13E-08
183	5	5.34E-08	5.34E-08
184	5	5.56E-08	5.56E-08
185	5	5.79E-08	5.79E-08

Berkley WTPF
Haul1 Mitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
186	5	6.04E-08	6.04E-08
187	5	6.31E-08	6.31E-08
188	5	6.61E-08	6.61E-08
189	5	6.93E-08	6.93E-08
190	5	7.32E-08	7.32E-08
191	5	3.27E-08	3.27E-08
192	5	3.36E-08	3.36E-08
193	5	3.45E-08	3.45E-08
194	5	3.55E-08	3.55E-08
195	5	3.66E-08	3.66E-08
196	5	3.78E-08	3.78E-08
197	5	3.90E-08	3.90E-08
198	5	4.03E-08	4.03E-08
199	5	4.16E-08	4.16E-08
200	5	4.30E-08	4.30E-08
201	5	4.97E-08	4.97E-08
202	5	5.16E-08	5.16E-08
203	5	5.37E-08	5.37E-08
204	5	5.59E-08	5.59E-08
205	5	5.82E-08	5.82E-08
206	5	6.08E-08	6.08E-08
207	5	6.35E-08	6.35E-08
208	5	6.65E-08	6.65E-08
209	5	6.97E-08	6.97E-08
210	5	7.38E-08	7.38E-08
211	5	3.25E-08	3.25E-08
212	5	3.34E-08	3.34E-08
213	5	3.44E-08	3.44E-08
214	5	3.54E-08	3.54E-08
215	5	3.65E-08	3.65E-08
216	5	3.77E-08	3.77E-08

Berkley WTPF
Haul1 Mitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
217	5	3.89E-08	3.89E-08
218	5	4.02E-08	4.02E-08
219	5	4.15E-08	4.15E-08
220	5	5.36E-08	5.36E-08
221	5	5.58E-08	5.58E-08
222	5	5.82E-08	5.82E-08
223	5	6.08E-08	6.08E-08
224	5	6.35E-08	6.35E-08
225	5	6.65E-08	6.65E-08
226	5	6.97E-08	6.97E-08
227	5	3.13E-08	3.13E-08
228	5	3.22E-08	3.22E-08
229	5	3.31E-08	3.31E-08
230	5	3.41E-08	3.41E-08
231	5	3.51E-08	3.51E-08
232	5	3.62E-08	3.62E-08
233	5	3.73E-08	3.73E-08
234	5	3.85E-08	3.85E-08
235	5	3.98E-08	3.98E-08
236	5	4.12E-08	4.12E-08
237	5	5.11E-08	5.11E-08
238	5	5.32E-08	5.32E-08
239	5	5.54E-08	5.54E-08
240	5	5.78E-08	5.78E-08
241	5	6.03E-08	6.03E-08
242	5	6.31E-08	6.31E-08
243	5	6.61E-08	6.61E-08
244	5	6.95E-08	6.95E-08
245	5	3.26E-08	3.26E-08
246	5	3.36E-08	3.36E-08
247	5	3.46E-08	3.46E-08

Berkley WTPF
Haul1 Mitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
248	5	3.57E-08	3.57E-08
249	5	3.68E-08	3.68E-08
250	5	3.80E-08	3.80E-08
251	5	3.93E-08	3.93E-08
252	5	4.06E-08	4.06E-08
253	5	5.04E-08	5.04E-08
254	5	5.24E-08	5.24E-08
255	5	5.46E-08	5.46E-08
256	5	5.70E-08	5.70E-08
257	5	5.95E-08	5.95E-08
258	5	6.21E-08	6.21E-08
259	5	6.52E-08	6.52E-08
260	5	3.73E-08	3.73E-08
261	5	3.85E-08	3.85E-08
262	5	4.76E-08	4.76E-08
263	5	4.94E-08	4.94E-08
264	5	5.14E-08	5.14E-08
265	5	5.35E-08	5.35E-08
266	5	5.58E-08	5.58E-08
267	5	5.82E-08	5.82E-08
268	5	6.09E-08	6.09E-08
269	5	6.39E-08	6.39E-08
270	5	4.65E-08	4.65E-08
271	5	4.83E-08	4.83E-08
272	5	5.02E-08	5.02E-08
273	5	5.22E-08	5.22E-08
274	5	5.44E-08	5.44E-08
275	5	5.68E-08	5.68E-08
276	5	5.95E-08	5.95E-08
277	5	2.69E-08	2.69E-08
278	5	2.75E-08	2.75E-08

Berkley WTPF
Haul1 Mitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
279	5	2.83E-08	2.83E-08
280	5	2.90E-08	2.90E-08
281	5	2.99E-08	2.99E-08
282	5	4.36E-08	4.36E-08
283	5	4.53E-08	4.53E-08
284	5	4.70E-08	4.70E-08
285	5	4.89E-08	4.89E-08
286	5	5.08E-08	5.08E-08
287	5	5.29E-08	5.29E-08
288	5	5.52E-08	5.52E-08
289	5	5.80E-08	5.80E-08
290	5	2.56E-08	2.56E-08
291	5	2.62E-08	2.62E-08
292	5	2.69E-08	2.69E-08
293	5	2.76E-08	2.76E-08
294	5	2.84E-08	2.84E-08
295	5	2.92E-08	2.92E-08
296	5	3.00E-08	3.00E-08
297	5	3.09E-08	3.09E-08
298	5	3.18E-08	3.18E-08
299	5	3.27E-08	3.27E-08
300	5	3.37E-08	3.37E-08
301	5	4.25E-08	4.25E-08
302	5	4.41E-08	4.41E-08
303	5	4.58E-08	4.58E-08
304	5	4.75E-08	4.75E-08
305	5	4.94E-08	4.94E-08
306	5	5.15E-08	5.15E-08
307	5	5.36E-08	5.36E-08
308	5	2.51E-08	2.51E-08
309	5	2.57E-08	2.57E-08

Berkley WTPF
Haul1 Mitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
310	5	2.63E-08	2.63E-08
311	5	2.70E-08	2.70E-08
312	5	2.78E-08	2.78E-08
313	5	2.85E-08	2.85E-08
314	5	2.93E-08	2.93E-08
315	5	3.02E-08	3.02E-08
316	5	3.11E-08	3.11E-08
317	5	3.20E-08	3.20E-08
318	5	3.30E-08	3.30E-08
319	5	3.40E-08	3.40E-08
320	5	3.51E-08	3.51E-08
321	5	3.62E-08	3.62E-08
322	5	3.74E-08	3.74E-08
323	5	4.14E-08	4.14E-08
324	5	4.29E-08	4.29E-08
325	5	4.46E-08	4.46E-08
326	5	4.63E-08	4.63E-08
327	5	4.81E-08	4.81E-08
328	5	5.00E-08	5.00E-08
329	5	5.21E-08	5.21E-08
330	5	2.46E-08	2.46E-08
331	5	2.51E-08	2.51E-08
332	5	2.58E-08	2.58E-08
333	5	2.65E-08	2.65E-08
334	5	2.72E-08	2.72E-08
335	5	2.79E-08	2.79E-08
336	5	2.87E-08	2.87E-08
337	5	2.95E-08	2.95E-08
338	5	3.04E-08	3.04E-08
339	5	3.13E-08	3.13E-08
340	5	3.22E-08	3.22E-08

Berkley WTPF
Haul1 Mitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
341	5	3.32E-08	3.32E-08
342	5	3.42E-08	3.42E-08
343	5	3.53E-08	3.53E-08
344	5	3.65E-08	3.65E-08
345	5	3.77E-08	3.77E-08
346	5	3.90E-08	3.90E-08
347	5	4.04E-08	4.04E-08
348	5	4.19E-08	4.19E-08
349	5	4.34E-08	4.34E-08
350	5	4.51E-08	4.51E-08
351	5	4.69E-08	4.69E-08
352	5	4.88E-08	4.88E-08
353	5	2.41E-08	2.41E-08
354	5	2.46E-08	2.46E-08
355	5	2.53E-08	2.53E-08
356	5	2.59E-08	2.59E-08
357	5	2.66E-08	2.66E-08
358	5	2.73E-08	2.73E-08
359	5	2.81E-08	2.81E-08
360	5	2.89E-08	2.89E-08
361	5	2.97E-08	2.97E-08
362	5	3.06E-08	3.06E-08
363	5	3.15E-08	3.15E-08
364	5	3.25E-08	3.25E-08
365	5	3.35E-08	3.35E-08
366	5	3.45E-08	3.45E-08
367	5	3.57E-08	3.57E-08
368	5	3.69E-08	3.69E-08
369	5	3.81E-08	3.81E-08
370	5	3.95E-08	3.95E-08
371	5	4.09E-08	4.09E-08

Berkley WTPF
Haul1 Mitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
372	5	4.24E-08	4.24E-08
373	5	2.42E-08	2.42E-08
374	5	2.48E-08	2.48E-08
375	5	2.54E-08	2.54E-08
376	5	2.61E-08	2.61E-08
377	5	2.68E-08	2.68E-08
378	5	2.75E-08	2.75E-08
379	5	2.83E-08	2.83E-08
380	5	2.91E-08	2.91E-08
381	5	3.00E-08	3.00E-08
382	5	3.08E-08	3.08E-08
383	5	3.18E-08	3.18E-08
384	5	3.28E-08	3.28E-08
385	5	3.38E-08	3.38E-08
386	5	3.49E-08	3.49E-08
387	5	3.60E-08	3.60E-08
388	5	3.73E-08	3.73E-08
389	5	2.38E-08	2.38E-08
390	5	2.44E-08	2.44E-08
391	5	2.50E-08	2.50E-08
392	5	2.56E-08	2.56E-08
393	5	2.63E-08	2.63E-08
394	5	2.70E-08	2.70E-08
395	5	2.78E-08	2.78E-08
396	5	2.85E-08	2.85E-08
397	5	2.94E-08	2.94E-08
398	5	3.02E-08	3.02E-08
399	5	3.11E-08	3.11E-08
400	5	3.21E-08	3.21E-08
401	5	3.31E-08	3.31E-08
402	5	3.42E-08	3.42E-08

Berkley WTPF
Haul1 Mitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
403	5	3.53E-08	3.53E-08
404	5	2.40E-08	2.40E-08
405	5	2.46E-08	2.46E-08
406	5	2.52E-08	2.52E-08
407	5	2.58E-08	2.58E-08
408	5	2.65E-08	2.65E-08
409	5	2.72E-08	2.72E-08
410	5	2.80E-08	2.80E-08
411	5	2.88E-08	2.88E-08
412	5	2.96E-08	2.96E-08
413	5	3.05E-08	3.05E-08
414	5	3.15E-08	3.15E-08
415	5	3.24E-08	3.24E-08
416	5	3.35E-08	3.35E-08
417	5	3.46E-08	3.46E-08
418	5	2.48E-08	2.48E-08
419	5	2.54E-08	2.54E-08
420	5	2.60E-08	2.60E-08
421	5	2.68E-08	2.68E-08
422	5	2.75E-08	2.75E-08
423	5	2.83E-08	2.83E-08
424	5	2.91E-08	2.91E-08
425	5	2.99E-08	2.99E-08
426	5	3.09E-08	3.09E-08
427	5	3.18E-08	3.18E-08
428	5	3.28E-08	3.28E-08
429	5	3.39E-08	3.39E-08
430	5	2.78E-08	2.78E-08
431	5	2.86E-08	2.86E-08
432	5	2.95E-08	2.95E-08
433	5	3.03E-08	3.03E-08

Berkley WTPF
Haul1 Mitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
434	5	3.12E-08	3.12E-08
435	5	3.22E-08	3.22E-08

Berkley WTPF
Haul2 Mitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
					Residence					
1	0.19303	2.87E-06	5.5E-07	1.05E-03	5.79E-10	2.27E-01	1.57E-01	2.07E-11	1.0E+06	2.1E-05
2	0.19801	2.87E-06	5.7E-07	1.05E-03	5.94E-10	2.27E-01	1.57E-01	2.12E-11	1.0E+06	2.1E-05
3	0.20328	2.87E-06	5.8E-07	1.05E-03	6.10E-10	2.27E-01	1.57E-01	2.18E-11	1.0E+06	2.2E-05
4	0.20887	2.87E-06	6.0E-07	1.05E-03	6.27E-10	2.27E-01	1.57E-01	2.24E-11	1.0E+06	2.2E-05
5	0.21486	2.87E-06	6.2E-07	1.05E-03	6.45E-10	2.27E-01	1.57E-01	2.30E-11	1.0E+06	2.3E-05
6	0.22115	2.87E-06	6.4E-07	1.05E-03	6.64E-10	2.27E-01	1.57E-01	2.37E-11	1.0E+06	2.4E-05
7	0.22777	2.87E-06	6.5E-07	1.05E-03	6.84E-10	2.27E-01	1.57E-01	2.44E-11	1.0E+06	2.4E-05
8	0.23463	2.87E-06	6.7E-07	1.05E-03	7.04E-10	2.27E-01	1.57E-01	2.52E-11	1.0E+06	2.5E-05
9	0.18683	2.87E-06	5.4E-07	1.05E-03	5.61E-10	2.27E-01	1.57E-01	2.00E-11	1.0E+06	2.0E-05
10	0.19132	2.87E-06	5.5E-07	1.05E-03	5.74E-10	2.27E-01	1.57E-01	2.05E-11	1.0E+06	2.1E-05
11	0.1963	2.87E-06	5.6E-07	1.05E-03	5.89E-10	2.27E-01	1.57E-01	2.11E-11	1.0E+06	2.1E-05
12	0.20154	2.87E-06	5.8E-07	1.05E-03	6.05E-10	2.27E-01	1.57E-01	2.16E-11	1.0E+06	2.2E-05
13	0.20704	2.87E-06	5.9E-07	1.05E-03	6.21E-10	2.27E-01	1.57E-01	2.22E-11	1.0E+06	2.2E-05
14	0.21282	2.87E-06	6.1E-07	1.05E-03	6.39E-10	2.27E-01	1.57E-01	2.28E-11	1.0E+06	2.3E-05
15	0.21888	2.87E-06	6.3E-07	1.05E-03	6.57E-10	2.27E-01	1.57E-01	2.35E-11	1.0E+06	2.3E-05
16	0.22526	2.87E-06	6.5E-07	1.05E-03	6.76E-10	2.27E-01	1.57E-01	2.42E-11	1.0E+06	2.4E-05
17	0.23197	2.87E-06	6.7E-07	1.05E-03	6.96E-10	2.27E-01	1.57E-01	2.49E-11	1.0E+06	2.5E-05
18	0.23918	2.87E-06	6.9E-07	1.05E-03	7.18E-10	2.27E-01	1.57E-01	2.57E-11	1.0E+06	2.6E-05
19	0.24694	2.87E-06	7.1E-07	1.05E-03	7.41E-10	2.27E-01	1.57E-01	2.65E-11	1.0E+06	2.6E-05
20	0.25487	2.87E-06	7.3E-07	1.05E-03	7.65E-10	2.27E-01	1.57E-01	2.73E-11	1.0E+06	2.7E-05
21	0.18534	2.87E-06	5.3E-07	1.05E-03	5.56E-10	2.27E-01	1.57E-01	1.99E-11	1.0E+06	2.0E-05
22	0.18976	2.87E-06	5.4E-07	1.05E-03	5.70E-10	2.27E-01	1.57E-01	2.04E-11	1.0E+06	2.0E-05
23	0.19466	2.87E-06	5.6E-07	1.05E-03	5.84E-10	2.27E-01	1.57E-01	2.09E-11	1.0E+06	2.1E-05
24	0.19983	2.87E-06	5.7E-07	1.05E-03	6.00E-10	2.27E-01	1.57E-01	2.14E-11	1.0E+06	2.1E-05
25	0.20524	2.87E-06	5.9E-07	1.05E-03	6.16E-10	2.27E-01	1.57E-01	2.20E-11	1.0E+06	2.2E-05
26	0.21091	2.87E-06	6.1E-07	1.05E-03	6.33E-10	2.27E-01	1.57E-01	2.26E-11	1.0E+06	2.3E-05
27	0.21687	2.87E-06	6.2E-07	1.05E-03	6.51E-10	2.27E-01	1.57E-01	2.33E-11	1.0E+06	2.3E-05
28	0.22314	2.87E-06	6.4E-07	1.05E-03	6.70E-10	2.27E-01	1.57E-01	2.39E-11	1.0E+06	2.4E-05
29	0.22974	2.87E-06	6.6E-07	1.05E-03	6.90E-10	2.27E-01	1.57E-01	2.46E-11	1.0E+06	2.5E-05
30	0.23669	2.87E-06	6.8E-07	1.05E-03	7.10E-10	2.27E-01	1.57E-01	2.54E-11	1.0E+06	2.5E-05

	Max	Receptor #
Res	3.70E-05	120
Park	9.69E-06	511
Total	4.66E-05	120

Berkley WTPF
Haul2 Mitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
31	0.24402	2.87E-06	7.0E-07	1.05E-03	7.32E-10	2.27E-01	1.57E-01	2.62E-11	1.0E+06	2.6E-05
32	0.25176	2.87E-06	7.2E-07	1.05E-03	7.56E-10	2.27E-01	1.57E-01	2.70E-11	1.0E+06	2.7E-05
33	0.25995	2.87E-06	7.5E-07	1.05E-03	7.80E-10	2.27E-01	1.57E-01	2.79E-11	1.0E+06	2.8E-05
34	0.26862	2.87E-06	7.7E-07	1.05E-03	8.06E-10	2.27E-01	1.57E-01	2.88E-11	1.0E+06	2.9E-05
35	0.27781	2.87E-06	8.0E-07	1.05E-03	8.34E-10	2.27E-01	1.57E-01	2.98E-11	1.0E+06	3.0E-05
36	0.28784	2.87E-06	8.3E-07	1.05E-03	8.64E-10	2.27E-01	1.57E-01	3.09E-11	1.0E+06	3.1E-05
37	0.18364	2.87E-06	5.3E-07	1.05E-03	5.51E-10	2.27E-01	1.57E-01	1.97E-11	1.0E+06	2.0E-05
38	0.18818	2.87E-06	5.4E-07	1.05E-03	5.65E-10	2.27E-01	1.57E-01	2.02E-11	1.0E+06	2.0E-05
39	0.19303	2.87E-06	5.5E-07	1.05E-03	5.79E-10	2.27E-01	1.57E-01	2.07E-11	1.0E+06	2.1E-05
40	0.19812	2.87E-06	5.7E-07	1.05E-03	5.95E-10	2.27E-01	1.57E-01	2.12E-11	1.0E+06	2.1E-05
41	0.20344	2.87E-06	5.8E-07	1.05E-03	6.11E-10	2.27E-01	1.57E-01	2.18E-11	1.0E+06	2.2E-05
42	0.20903	2.87E-06	6.0E-07	1.05E-03	6.27E-10	2.27E-01	1.57E-01	2.24E-11	1.0E+06	2.2E-05
43	0.21489	2.87E-06	6.2E-07	1.05E-03	6.45E-10	2.27E-01	1.57E-01	2.30E-11	1.0E+06	2.3E-05
44	0.22106	2.87E-06	6.3E-07	1.05E-03	6.64E-10	2.27E-01	1.57E-01	2.37E-11	1.0E+06	2.4E-05
45	0.22754	2.87E-06	6.5E-07	1.05E-03	6.83E-10	2.27E-01	1.57E-01	2.44E-11	1.0E+06	2.4E-05
46	0.23437	2.87E-06	6.7E-07	1.05E-03	7.03E-10	2.27E-01	1.57E-01	2.51E-11	1.0E+06	2.5E-05
47	0.24158	2.87E-06	6.9E-07	1.05E-03	7.25E-10	2.27E-01	1.57E-01	2.59E-11	1.0E+06	2.6E-05
48	0.24918	2.87E-06	7.2E-07	1.05E-03	7.48E-10	2.27E-01	1.57E-01	2.67E-11	1.0E+06	2.7E-05
49	0.25723	2.87E-06	7.4E-07	1.05E-03	7.72E-10	2.27E-01	1.57E-01	2.76E-11	1.0E+06	2.8E-05
50	0.26574	2.87E-06	7.6E-07	1.05E-03	7.98E-10	2.27E-01	1.57E-01	2.85E-11	1.0E+06	2.9E-05
51	0.27477	2.87E-06	7.9E-07	1.05E-03	8.25E-10	2.27E-01	1.57E-01	2.95E-11	1.0E+06	2.9E-05
52	0.28444	2.87E-06	8.2E-07	1.05E-03	8.54E-10	2.27E-01	1.57E-01	3.05E-11	1.0E+06	3.1E-05
53	0.29483	2.87E-06	8.5E-07	1.05E-03	8.85E-10	2.27E-01	1.57E-01	3.16E-11	1.0E+06	3.2E-05
54	0.30572	2.87E-06	8.8E-07	1.05E-03	9.18E-10	2.27E-01	1.57E-01	3.28E-11	1.0E+06	3.3E-05
55	0.31756	2.87E-06	9.1E-07	1.05E-03	9.53E-10	2.27E-01	1.57E-01	3.41E-11	1.0E+06	3.4E-05
56	0.17781	2.87E-06	5.1E-07	1.05E-03	5.34E-10	2.27E-01	1.57E-01	1.91E-11	1.0E+06	1.9E-05
57	0.18201	2.87E-06	5.2E-07	1.05E-03	5.46E-10	2.27E-01	1.57E-01	1.95E-11	1.0E+06	2.0E-05
58	0.18659	2.87E-06	5.4E-07	1.05E-03	5.60E-10	2.27E-01	1.57E-01	2.00E-11	1.0E+06	2.0E-05
59	0.19138	2.87E-06	5.5E-07	1.05E-03	5.74E-10	2.27E-01	1.57E-01	2.05E-11	1.0E+06	2.1E-05
60	0.19639	2.87E-06	5.6E-07	1.05E-03	5.89E-10	2.27E-01	1.57E-01	2.11E-11	1.0E+06	2.1E-05
61	0.20164	2.87E-06	5.8E-07	1.05E-03	6.05E-10	2.27E-01	1.57E-01	2.16E-11	1.0E+06	2.2E-05

Berkley WTPF

Haul2 Mitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
62	0.20714	2.87E-06	5.9E-07	1.05E-03	6.22E-10	2.27E-01	1.57E-01	2.22E-11	1.0E+06	2.2E-05
63	0.21292	2.87E-06	6.1E-07	1.05E-03	6.39E-10	2.27E-01	1.57E-01	2.28E-11	1.0E+06	2.3E-05
64	0.21898	2.87E-06	6.3E-07	1.05E-03	6.57E-10	2.27E-01	1.57E-01	2.35E-11	1.0E+06	2.3E-05
65	0.22537	2.87E-06	6.5E-07	1.05E-03	6.76E-10	2.27E-01	1.57E-01	2.42E-11	1.0E+06	2.4E-05
66	0.23209	2.87E-06	6.7E-07	1.05E-03	6.97E-10	2.27E-01	1.57E-01	2.49E-11	1.0E+06	2.5E-05
67	0.23918	2.87E-06	6.9E-07	1.05E-03	7.18E-10	2.27E-01	1.57E-01	2.57E-11	1.0E+06	2.6E-05
68	0.24666	2.87E-06	7.1E-07	1.05E-03	7.40E-10	2.27E-01	1.57E-01	2.65E-11	1.0E+06	2.6E-05
69	0.25457	2.87E-06	7.3E-07	1.05E-03	7.64E-10	2.27E-01	1.57E-01	2.73E-11	1.0E+06	2.7E-05
70	0.26294	2.87E-06	7.6E-07	1.05E-03	7.89E-10	2.27E-01	1.57E-01	2.82E-11	1.0E+06	2.8E-05
71	0.27181	2.87E-06	7.8E-07	1.05E-03	8.16E-10	2.27E-01	1.57E-01	2.92E-11	1.0E+06	2.9E-05
72	0.28124	2.87E-06	8.1E-07	1.05E-03	8.44E-10	2.27E-01	1.57E-01	3.02E-11	1.0E+06	3.0E-05
73	0.29125	2.87E-06	8.4E-07	1.05E-03	8.74E-10	2.27E-01	1.57E-01	3.12E-11	1.0E+06	3.1E-05
74	0.30193	2.87E-06	8.7E-07	1.05E-03	9.06E-10	2.27E-01	1.57E-01	3.24E-11	1.0E+06	3.2E-05
75	0.31353	2.87E-06	9.0E-07	1.05E-03	9.41E-10	2.27E-01	1.57E-01	3.36E-11	1.0E+06	3.4E-05
76	0.17628	2.87E-06	5.1E-07	1.05E-03	5.29E-10	2.27E-01	1.57E-01	1.89E-11	1.0E+06	1.9E-05
77	0.18043	2.87E-06	5.2E-07	1.05E-03	5.42E-10	2.27E-01	1.57E-01	1.94E-11	1.0E+06	1.9E-05
78	0.18495	2.87E-06	5.3E-07	1.05E-03	5.55E-10	2.27E-01	1.57E-01	1.98E-11	1.0E+06	2.0E-05
79	0.18968	2.87E-06	5.4E-07	1.05E-03	5.69E-10	2.27E-01	1.57E-01	2.03E-11	1.0E+06	2.0E-05
80	0.19462	2.87E-06	5.6E-07	1.05E-03	5.84E-10	2.27E-01	1.57E-01	2.09E-11	1.0E+06	2.1E-05
81	0.1998	2.87E-06	5.7E-07	1.05E-03	6.00E-10	2.27E-01	1.57E-01	2.14E-11	1.0E+06	2.1E-05
82	0.20523	2.87E-06	5.9E-07	1.05E-03	6.16E-10	2.27E-01	1.57E-01	2.20E-11	1.0E+06	2.2E-05
83	0.21092	2.87E-06	6.1E-07	1.05E-03	6.33E-10	2.27E-01	1.57E-01	2.26E-11	1.0E+06	2.3E-05
84	0.2169	2.87E-06	6.2E-07	1.05E-03	6.51E-10	2.27E-01	1.57E-01	2.33E-11	1.0E+06	2.3E-05
85	0.22319	2.87E-06	6.4E-07	1.05E-03	6.70E-10	2.27E-01	1.57E-01	2.39E-11	1.0E+06	2.4E-05
86	0.22982	2.87E-06	6.6E-07	1.05E-03	6.90E-10	2.27E-01	1.57E-01	2.46E-11	1.0E+06	2.5E-05
87	0.2368	2.87E-06	6.8E-07	1.05E-03	7.11E-10	2.27E-01	1.57E-01	2.54E-11	1.0E+06	2.5E-05
88	0.24417	2.87E-06	7.0E-07	1.05E-03	7.33E-10	2.27E-01	1.57E-01	2.62E-11	1.0E+06	2.6E-05
89	0.25196	2.87E-06	7.2E-07	1.05E-03	7.56E-10	2.27E-01	1.57E-01	2.70E-11	1.0E+06	2.7E-05
90	0.2602	2.87E-06	7.5E-07	1.05E-03	7.81E-10	2.27E-01	1.57E-01	2.79E-11	1.0E+06	2.8E-05
91	0.26894	2.87E-06	7.7E-07	1.05E-03	8.07E-10	2.27E-01	1.57E-01	2.88E-11	1.0E+06	2.9E-05
92	0.27821	2.87E-06	8.0E-07	1.05E-03	8.35E-10	2.27E-01	1.57E-01	2.98E-11	1.0E+06	3.0E-05

Berkley WTPF
Haul2 Mitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
93	0.28807	2.87E-06	8.3E-07	1.05E-03	8.65E-10	2.27E-01	1.57E-01	3.09E-11	1.0E+06	3.1E-05
94	0.29857	2.87E-06	8.6E-07	1.05E-03	8.96E-10	2.27E-01	1.57E-01	3.20E-11	1.0E+06	3.2E-05
95	0.30978	2.87E-06	8.9E-07	1.05E-03	9.30E-10	2.27E-01	1.57E-01	3.32E-11	1.0E+06	3.3E-05
96	0.32175	2.87E-06	9.2E-07	1.05E-03	9.66E-10	2.27E-01	1.57E-01	3.45E-11	1.0E+06	3.5E-05
97	0.33456	2.87E-06	9.6E-07	1.05E-03	1.00E-09	2.27E-01	1.57E-01	3.59E-11	1.0E+06	3.6E-05
98	0.17467	2.87E-06	5.0E-07	1.05E-03	5.24E-10	2.27E-01	1.57E-01	1.87E-11	1.0E+06	1.9E-05
99	0.17877	2.87E-06	5.1E-07	1.05E-03	5.37E-10	2.27E-01	1.57E-01	1.92E-11	1.0E+06	1.9E-05
100	0.18324	2.87E-06	5.3E-07	1.05E-03	5.50E-10	2.27E-01	1.57E-01	1.97E-11	1.0E+06	2.0E-05
101	0.18791	2.87E-06	5.4E-07	1.05E-03	5.64E-10	2.27E-01	1.57E-01	2.02E-11	1.0E+06	2.0E-05
102	0.19279	2.87E-06	5.5E-07	1.05E-03	5.79E-10	2.27E-01	1.57E-01	2.07E-11	1.0E+06	2.1E-05
103	0.1979	2.87E-06	5.7E-07	1.05E-03	5.94E-10	2.27E-01	1.57E-01	2.12E-11	1.0E+06	2.1E-05
104	0.20326	2.87E-06	5.8E-07	1.05E-03	6.10E-10	2.27E-01	1.57E-01	2.18E-11	1.0E+06	2.2E-05
105	0.20888	2.87E-06	6.0E-07	1.05E-03	6.27E-10	2.27E-01	1.57E-01	2.24E-11	1.0E+06	2.2E-05
106	0.21479	2.87E-06	6.2E-07	1.05E-03	6.45E-10	2.27E-01	1.57E-01	2.30E-11	1.0E+06	2.3E-05
107	0.22099	2.87E-06	6.3E-07	1.05E-03	6.63E-10	2.27E-01	1.57E-01	2.37E-11	1.0E+06	2.4E-05
108	0.22753	2.87E-06	6.5E-07	1.05E-03	6.83E-10	2.27E-01	1.57E-01	2.44E-11	1.0E+06	2.4E-05
109	0.23442	2.87E-06	6.7E-07	1.05E-03	7.04E-10	2.27E-01	1.57E-01	2.51E-11	1.0E+06	2.5E-05
110	0.24169	2.87E-06	6.9E-07	1.05E-03	7.25E-10	2.27E-01	1.57E-01	2.59E-11	1.0E+06	2.6E-05
111	0.24937	2.87E-06	7.2E-07	1.05E-03	7.48E-10	2.27E-01	1.57E-01	2.67E-11	1.0E+06	2.7E-05
112	0.2575	2.87E-06	7.4E-07	1.05E-03	7.73E-10	2.27E-01	1.57E-01	2.76E-11	1.0E+06	2.8E-05
113	0.26611	2.87E-06	7.6E-07	1.05E-03	7.99E-10	2.27E-01	1.57E-01	2.85E-11	1.0E+06	2.9E-05
114	0.27526	2.87E-06	7.9E-07	1.05E-03	8.26E-10	2.27E-01	1.57E-01	2.95E-11	1.0E+06	3.0E-05
115	0.28498	2.87E-06	8.2E-07	1.05E-03	8.55E-10	2.27E-01	1.57E-01	3.06E-11	1.0E+06	3.1E-05
116	0.29533	2.87E-06	8.5E-07	1.05E-03	8.86E-10	2.27E-01	1.57E-01	3.17E-11	1.0E+06	3.2E-05
117	0.30636	2.87E-06	8.8E-07	1.05E-03	9.20E-10	2.27E-01	1.57E-01	3.29E-11	1.0E+06	3.3E-05
118	0.31815	2.87E-06	9.1E-07	1.05E-03	9.55E-10	2.27E-01	1.57E-01	3.41E-11	1.0E+06	3.4E-05
119	0.33075	2.87E-06	9.5E-07	1.05E-03	9.93E-10	2.27E-01	1.57E-01	3.55E-11	1.0E+06	3.5E-05
120	0.34456	2.87E-06	9.9E-07	1.05E-03	1.03E-09	2.27E-01	1.57E-01	3.70E-11	1.0E+06	3.7E-05
121	0.16909	2.87E-06	4.9E-07	1.05E-03	5.08E-10	2.27E-01	1.57E-01	1.81E-11	1.0E+06	1.8E-05
122	0.17295	2.87E-06	5.0E-07	1.05E-03	5.19E-10	2.27E-01	1.57E-01	1.85E-11	1.0E+06	1.9E-05
123	0.17701	2.87E-06	5.1E-07	1.05E-03	5.31E-10	2.27E-01	1.57E-01	1.90E-11	1.0E+06	1.9E-05

Berkley WTPF
Haul2 Mitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
124	0.18143	2.87E-06	5.2E-07	1.05E-03	5.45E-10	2.27E-01	1.57E-01	1.95E-11	1.0E+06	1.9E-05
125	0.18604	2.87E-06	5.3E-07	1.05E-03	5.58E-10	2.27E-01	1.57E-01	2.00E-11	1.0E+06	2.0E-05
126	0.19087	2.87E-06	5.5E-07	1.05E-03	5.73E-10	2.27E-01	1.57E-01	2.05E-11	1.0E+06	2.0E-05
127	0.19592	2.87E-06	5.6E-07	1.05E-03	5.88E-10	2.27E-01	1.57E-01	2.10E-11	1.0E+06	2.1E-05
128	0.20121	2.87E-06	5.8E-07	1.05E-03	6.04E-10	2.27E-01	1.57E-01	2.16E-11	1.0E+06	2.2E-05
129	0.20677	2.87E-06	5.9E-07	1.05E-03	6.21E-10	2.27E-01	1.57E-01	2.22E-11	1.0E+06	2.2E-05
130	0.2126	2.87E-06	6.1E-07	1.05E-03	6.38E-10	2.27E-01	1.57E-01	2.28E-11	1.0E+06	2.3E-05
131	0.21873	2.87E-06	6.3E-07	1.05E-03	6.57E-10	2.27E-01	1.57E-01	2.35E-11	1.0E+06	2.3E-05
132	0.22519	2.87E-06	6.5E-07	1.05E-03	6.76E-10	2.27E-01	1.57E-01	2.42E-11	1.0E+06	2.4E-05
133	0.232	2.87E-06	6.7E-07	1.05E-03	6.96E-10	2.27E-01	1.57E-01	2.49E-11	1.0E+06	2.5E-05
134	0.23918	2.87E-06	6.9E-07	1.05E-03	7.18E-10	2.27E-01	1.57E-01	2.57E-11	1.0E+06	2.6E-05
135	0.24677	2.87E-06	7.1E-07	1.05E-03	7.41E-10	2.27E-01	1.57E-01	2.65E-11	1.0E+06	2.6E-05
136	0.2548	2.87E-06	7.3E-07	1.05E-03	7.65E-10	2.27E-01	1.57E-01	2.73E-11	1.0E+06	2.7E-05
137	0.26331	2.87E-06	7.6E-07	1.05E-03	7.90E-10	2.27E-01	1.57E-01	2.82E-11	1.0E+06	2.8E-05
138	0.27234	2.87E-06	7.8E-07	1.05E-03	8.17E-10	2.27E-01	1.57E-01	2.92E-11	1.0E+06	2.9E-05
139	0.28193	2.87E-06	8.1E-07	1.05E-03	8.46E-10	2.27E-01	1.57E-01	3.02E-11	1.0E+06	3.0E-05
140	0.29214	2.87E-06	8.4E-07	1.05E-03	8.77E-10	2.27E-01	1.57E-01	3.13E-11	1.0E+06	3.1E-05
141	0.30302	2.87E-06	8.7E-07	1.05E-03	9.10E-10	2.27E-01	1.57E-01	3.25E-11	1.0E+06	3.3E-05
142	0.31464	2.87E-06	9.0E-07	1.05E-03	9.44E-10	2.27E-01	1.57E-01	3.37E-11	1.0E+06	3.4E-05
143	0.32706	2.87E-06	9.4E-07	1.05E-03	9.82E-10	2.27E-01	1.57E-01	3.51E-11	1.0E+06	3.5E-05
144	0.34089	2.87E-06	9.8E-07	1.05E-03	1.02E-09	2.27E-01	1.57E-01	3.66E-11	1.0E+06	3.7E-05
145	0.16731	2.87E-06	4.8E-07	1.05E-03	5.02E-10	2.27E-01	1.57E-01	1.79E-11	1.0E+06	1.8E-05
146	0.17112	2.87E-06	4.9E-07	1.05E-03	5.14E-10	2.27E-01	1.57E-01	1.84E-11	1.0E+06	1.8E-05
147	0.17513	2.87E-06	5.0E-07	1.05E-03	5.26E-10	2.27E-01	1.57E-01	1.88E-11	1.0E+06	1.9E-05
148	0.1795	2.87E-06	5.2E-07	1.05E-03	5.39E-10	2.27E-01	1.57E-01	1.93E-11	1.0E+06	1.9E-05
149	0.18406	2.87E-06	5.3E-07	1.05E-03	5.52E-10	2.27E-01	1.57E-01	1.97E-11	1.0E+06	2.0E-05
150	0.18883	2.87E-06	5.4E-07	1.05E-03	5.67E-10	2.27E-01	1.57E-01	2.03E-11	1.0E+06	2.0E-05
151	0.19383	2.87E-06	5.6E-07	1.05E-03	5.82E-10	2.27E-01	1.57E-01	2.08E-11	1.0E+06	2.1E-05
152	0.19906	2.87E-06	5.7E-07	1.05E-03	5.97E-10	2.27E-01	1.57E-01	2.14E-11	1.0E+06	2.1E-05
153	0.20456	2.87E-06	5.9E-07	1.05E-03	6.14E-10	2.27E-01	1.57E-01	2.19E-11	1.0E+06	2.2E-05
154	0.21032	2.87E-06	6.0E-07	1.05E-03	6.31E-10	2.27E-01	1.57E-01	2.26E-11	1.0E+06	2.3E-05

Berkley WTPF
Haul2 Mitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
155	0.21639	2.87E-06	6.2E-07	1.05E-03	6.50E-10	2.27E-01	1.57E-01	2.32E-11	1.0E+06	2.3E-05
156	0.22278	2.87E-06	6.4E-07	1.05E-03	6.69E-10	2.27E-01	1.57E-01	2.39E-11	1.0E+06	2.4E-05
157	0.22951	2.87E-06	6.6E-07	1.05E-03	6.89E-10	2.27E-01	1.57E-01	2.46E-11	1.0E+06	2.5E-05
158	0.23661	2.87E-06	6.8E-07	1.05E-03	7.10E-10	2.27E-01	1.57E-01	2.54E-11	1.0E+06	2.5E-05
159	0.24412	2.87E-06	7.0E-07	1.05E-03	7.33E-10	2.27E-01	1.57E-01	2.62E-11	1.0E+06	2.6E-05
160	0.25206	2.87E-06	7.2E-07	1.05E-03	7.57E-10	2.27E-01	1.57E-01	2.70E-11	1.0E+06	2.7E-05
161	0.26048	2.87E-06	7.5E-07	1.05E-03	7.82E-10	2.27E-01	1.57E-01	2.79E-11	1.0E+06	2.8E-05
162	0.2694	2.87E-06	7.7E-07	1.05E-03	8.09E-10	2.27E-01	1.57E-01	2.89E-11	1.0E+06	2.9E-05
163	0.27888	2.87E-06	8.0E-07	1.05E-03	8.37E-10	2.27E-01	1.57E-01	2.99E-11	1.0E+06	3.0E-05
164	0.28897	2.87E-06	8.3E-07	1.05E-03	8.67E-10	2.27E-01	1.57E-01	3.10E-11	1.0E+06	3.1E-05
165	0.29971	2.87E-06	8.6E-07	1.05E-03	9.00E-10	2.27E-01	1.57E-01	3.21E-11	1.0E+06	3.2E-05
166	0.31116	2.87E-06	8.9E-07	1.05E-03	9.34E-10	2.27E-01	1.57E-01	3.34E-11	1.0E+06	3.3E-05
167	0.32348	2.87E-06	9.3E-07	1.05E-03	9.71E-10	2.27E-01	1.57E-01	3.47E-11	1.0E+06	3.5E-05
168	0.1654	2.87E-06	4.7E-07	1.05E-03	4.96E-10	2.27E-01	1.57E-01	1.77E-11	1.0E+06	1.8E-05
169	0.16917	2.87E-06	4.9E-07	1.05E-03	5.08E-10	2.27E-01	1.57E-01	1.81E-11	1.0E+06	1.8E-05
170	0.17313	2.87E-06	5.0E-07	1.05E-03	5.20E-10	2.27E-01	1.57E-01	1.86E-11	1.0E+06	1.9E-05
171	0.17745	2.87E-06	5.1E-07	1.05E-03	5.33E-10	2.27E-01	1.57E-01	1.90E-11	1.0E+06	1.9E-05
172	0.18196	2.87E-06	5.2E-07	1.05E-03	5.46E-10	2.27E-01	1.57E-01	1.95E-11	1.0E+06	2.0E-05
173	0.18668	2.87E-06	5.4E-07	1.05E-03	5.60E-10	2.27E-01	1.57E-01	2.00E-11	1.0E+06	2.0E-05
174	0.19162	2.87E-06	5.5E-07	1.05E-03	5.75E-10	2.27E-01	1.57E-01	2.06E-11	1.0E+06	2.1E-05
175	0.1968	2.87E-06	5.7E-07	1.05E-03	5.91E-10	2.27E-01	1.57E-01	2.11E-11	1.0E+06	2.1E-05
176	0.20223	2.87E-06	5.8E-07	1.05E-03	6.07E-10	2.27E-01	1.57E-01	2.17E-11	1.0E+06	2.2E-05
177	0.20794	2.87E-06	6.0E-07	1.05E-03	6.24E-10	2.27E-01	1.57E-01	2.23E-11	1.0E+06	2.2E-05
178	0.21395	2.87E-06	6.1E-07	1.05E-03	6.42E-10	2.27E-01	1.57E-01	2.29E-11	1.0E+06	2.3E-05
179	0.22027	2.87E-06	6.3E-07	1.05E-03	6.61E-10	2.27E-01	1.57E-01	2.36E-11	1.0E+06	2.4E-05
180	0.22693	2.87E-06	6.5E-07	1.05E-03	6.81E-10	2.27E-01	1.57E-01	2.43E-11	1.0E+06	2.4E-05
181	0.23397	2.87E-06	6.7E-07	1.05E-03	7.02E-10	2.27E-01	1.57E-01	2.51E-11	1.0E+06	2.5E-05
182	0.2414	2.87E-06	6.9E-07	1.05E-03	7.25E-10	2.27E-01	1.57E-01	2.59E-11	1.0E+06	2.6E-05
183	0.24925	2.87E-06	7.2E-07	1.05E-03	7.48E-10	2.27E-01	1.57E-01	2.67E-11	1.0E+06	2.7E-05
184	0.25758	2.87E-06	7.4E-07	1.05E-03	7.73E-10	2.27E-01	1.57E-01	2.76E-11	1.0E+06	2.8E-05
185	0.26641	2.87E-06	7.7E-07	1.05E-03	8.00E-10	2.27E-01	1.57E-01	2.86E-11	1.0E+06	2.9E-05

Berkley WTPF
Haul2 Mitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
186	0.27578	2.87E-06	7.9E-07	1.05E-03	8.28E-10	2.27E-01	1.57E-01	2.96E-11	1.0E+06	3.0E-05
187	0.28574	2.87E-06	8.2E-07	1.05E-03	8.58E-10	2.27E-01	1.57E-01	3.06E-11	1.0E+06	3.1E-05
188	0.29634	2.87E-06	8.5E-07	1.05E-03	8.89E-10	2.27E-01	1.57E-01	3.18E-11	1.0E+06	3.2E-05
189	0.30764	2.87E-06	8.8E-07	1.05E-03	9.23E-10	2.27E-01	1.57E-01	3.30E-11	1.0E+06	3.3E-05
190	0.32066	2.87E-06	9.2E-07	1.05E-03	9.62E-10	2.27E-01	1.57E-01	3.44E-11	1.0E+06	3.4E-05
191	0.16328	2.87E-06	4.7E-07	1.05E-03	4.90E-10	2.27E-01	1.57E-01	1.75E-11	1.0E+06	1.8E-05
192	0.16705	2.87E-06	4.8E-07	1.05E-03	5.01E-10	2.27E-01	1.57E-01	1.79E-11	1.0E+06	1.8E-05
193	0.17103	2.87E-06	4.9E-07	1.05E-03	5.13E-10	2.27E-01	1.57E-01	1.83E-11	1.0E+06	1.8E-05
194	0.17529	2.87E-06	5.0E-07	1.05E-03	5.26E-10	2.27E-01	1.57E-01	1.88E-11	1.0E+06	1.9E-05
195	0.17975	2.87E-06	5.2E-07	1.05E-03	5.40E-10	2.27E-01	1.57E-01	1.93E-11	1.0E+06	1.9E-05
196	0.18442	2.87E-06	5.3E-07	1.05E-03	5.54E-10	2.27E-01	1.57E-01	1.98E-11	1.0E+06	2.0E-05
197	0.1893	2.87E-06	5.4E-07	1.05E-03	5.68E-10	2.27E-01	1.57E-01	2.03E-11	1.0E+06	2.0E-05
198	0.19443	2.87E-06	5.6E-07	1.05E-03	5.84E-10	2.27E-01	1.57E-01	2.09E-11	1.0E+06	2.1E-05
199	0.19981	2.87E-06	5.7E-07	1.05E-03	6.00E-10	2.27E-01	1.57E-01	2.14E-11	1.0E+06	2.1E-05
200	0.20546	2.87E-06	5.9E-07	1.05E-03	6.17E-10	2.27E-01	1.57E-01	2.20E-11	1.0E+06	2.2E-05
201	0.23122	2.87E-06	6.6E-07	1.05E-03	6.94E-10	2.27E-01	1.57E-01	2.48E-11	1.0E+06	2.5E-05
202	0.23857	2.87E-06	6.9E-07	1.05E-03	7.16E-10	2.27E-01	1.57E-01	2.56E-11	1.0E+06	2.6E-05
203	0.24635	2.87E-06	7.1E-07	1.05E-03	7.39E-10	2.27E-01	1.57E-01	2.64E-11	1.0E+06	2.6E-05
204	0.25459	2.87E-06	7.3E-07	1.05E-03	7.64E-10	2.27E-01	1.57E-01	2.73E-11	1.0E+06	2.7E-05
205	0.26331	2.87E-06	7.6E-07	1.05E-03	7.90E-10	2.27E-01	1.57E-01	2.82E-11	1.0E+06	2.8E-05
206	0.27257	2.87E-06	7.8E-07	1.05E-03	8.18E-10	2.27E-01	1.57E-01	2.92E-11	1.0E+06	2.9E-05
207	0.28241	2.87E-06	8.1E-07	1.05E-03	8.48E-10	2.27E-01	1.57E-01	3.03E-11	1.0E+06	3.0E-05
208	0.29287	2.87E-06	8.4E-07	1.05E-03	8.79E-10	2.27E-01	1.57E-01	3.14E-11	1.0E+06	3.1E-05
209	0.30401	2.87E-06	8.7E-07	1.05E-03	9.12E-10	2.27E-01	1.57E-01	3.26E-11	1.0E+06	3.3E-05
210	0.31707	2.87E-06	9.1E-07	1.05E-03	9.52E-10	2.27E-01	1.57E-01	3.40E-11	1.0E+06	3.4E-05
211	0.16096	2.87E-06	4.6E-07	1.05E-03	4.83E-10	2.27E-01	1.57E-01	1.73E-11	1.0E+06	1.7E-05
212	0.1648	2.87E-06	4.7E-07	1.05E-03	4.95E-10	2.27E-01	1.57E-01	1.77E-11	1.0E+06	1.8E-05
213	0.16884	2.87E-06	4.8E-07	1.05E-03	5.07E-10	2.27E-01	1.57E-01	1.81E-11	1.0E+06	1.8E-05
214	0.17305	2.87E-06	5.0E-07	1.05E-03	5.19E-10	2.27E-01	1.57E-01	1.86E-11	1.0E+06	1.9E-05
215	0.17745	2.87E-06	5.1E-07	1.05E-03	5.33E-10	2.27E-01	1.57E-01	1.90E-11	1.0E+06	1.9E-05
216	0.18207	2.87E-06	5.2E-07	1.05E-03	5.46E-10	2.27E-01	1.57E-01	1.95E-11	1.0E+06	2.0E-05

Berkley WTPF
Haul2 Mitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
217	0.1869	2.87E-06	5.4E-07	1.05E-03	5.61E-10	2.27E-01	1.57E-01	2.00E-11	1.0E+06	2.0E-05
218	0.19197	2.87E-06	5.5E-07	1.05E-03	5.76E-10	2.27E-01	1.57E-01	2.06E-11	1.0E+06	2.1E-05
219	0.19729	2.87E-06	5.7E-07	1.05E-03	5.92E-10	2.27E-01	1.57E-01	2.12E-11	1.0E+06	2.1E-05
220	0.24334	2.87E-06	7.0E-07	1.05E-03	7.30E-10	2.27E-01	1.57E-01	2.61E-11	1.0E+06	2.6E-05
221	0.25148	2.87E-06	7.2E-07	1.05E-03	7.55E-10	2.27E-01	1.57E-01	2.70E-11	1.0E+06	2.7E-05
222	0.2601	2.87E-06	7.5E-07	1.05E-03	7.81E-10	2.27E-01	1.57E-01	2.79E-11	1.0E+06	2.8E-05
223	0.26924	2.87E-06	7.7E-07	1.05E-03	8.08E-10	2.27E-01	1.57E-01	2.89E-11	1.0E+06	2.9E-05
224	0.27894	2.87E-06	8.0E-07	1.05E-03	8.37E-10	2.27E-01	1.57E-01	2.99E-11	1.0E+06	3.0E-05
225	0.28926	2.87E-06	8.3E-07	1.05E-03	8.68E-10	2.27E-01	1.57E-01	3.10E-11	1.0E+06	3.1E-05
226	0.30027	2.87E-06	8.6E-07	1.05E-03	9.01E-10	2.27E-01	1.57E-01	3.22E-11	1.0E+06	3.2E-05
227	0.15522	2.87E-06	4.5E-07	1.05E-03	4.66E-10	2.27E-01	1.57E-01	1.66E-11	1.0E+06	1.7E-05
228	0.15879	2.87E-06	4.6E-07	1.05E-03	4.77E-10	2.27E-01	1.57E-01	1.70E-11	1.0E+06	1.7E-05
229	0.1626	2.87E-06	4.7E-07	1.05E-03	4.88E-10	2.27E-01	1.57E-01	1.74E-11	1.0E+06	1.7E-05
230	0.16658	2.87E-06	4.8E-07	1.05E-03	5.00E-10	2.27E-01	1.57E-01	1.79E-11	1.0E+06	1.8E-05
231	0.17074	2.87E-06	4.9E-07	1.05E-03	5.12E-10	2.27E-01	1.57E-01	1.83E-11	1.0E+06	1.8E-05
232	0.1751	2.87E-06	5.0E-07	1.05E-03	5.26E-10	2.27E-01	1.57E-01	1.88E-11	1.0E+06	1.9E-05
233	0.17965	2.87E-06	5.2E-07	1.05E-03	5.39E-10	2.27E-01	1.57E-01	1.93E-11	1.0E+06	1.9E-05
234	0.18443	2.87E-06	5.3E-07	1.05E-03	5.54E-10	2.27E-01	1.57E-01	1.98E-11	1.0E+06	2.0E-05
235	0.18944	2.87E-06	5.4E-07	1.05E-03	5.69E-10	2.27E-01	1.57E-01	2.03E-11	1.0E+06	2.0E-05
236	0.1947	2.87E-06	5.6E-07	1.05E-03	5.84E-10	2.27E-01	1.57E-01	2.09E-11	1.0E+06	2.1E-05
237	0.23263	2.87E-06	6.7E-07	1.05E-03	6.98E-10	2.27E-01	1.57E-01	2.50E-11	1.0E+06	2.5E-05
238	0.24023	2.87E-06	6.9E-07	1.05E-03	7.21E-10	2.27E-01	1.57E-01	2.58E-11	1.0E+06	2.6E-05
239	0.24827	2.87E-06	7.1E-07	1.05E-03	7.45E-10	2.27E-01	1.57E-01	2.66E-11	1.0E+06	2.7E-05
240	0.25677	2.87E-06	7.4E-07	1.05E-03	7.71E-10	2.27E-01	1.57E-01	2.75E-11	1.0E+06	2.8E-05
241	0.26578	2.87E-06	7.6E-07	1.05E-03	7.98E-10	2.27E-01	1.57E-01	2.85E-11	1.0E+06	2.9E-05
242	0.27533	2.87E-06	7.9E-07	1.05E-03	8.26E-10	2.27E-01	1.57E-01	2.95E-11	1.0E+06	3.0E-05
243	0.28568	2.87E-06	8.2E-07	1.05E-03	8.57E-10	2.27E-01	1.57E-01	3.06E-11	1.0E+06	3.1E-05
244	0.29692	2.87E-06	8.5E-07	1.05E-03	8.91E-10	2.27E-01	1.57E-01	3.18E-11	1.0E+06	3.2E-05
245	0.16038	2.87E-06	4.6E-07	1.05E-03	4.81E-10	2.27E-01	1.57E-01	1.72E-11	1.0E+06	1.7E-05
246	0.16431	2.87E-06	4.7E-07	1.05E-03	4.93E-10	2.27E-01	1.57E-01	1.76E-11	1.0E+06	1.8E-05
247	0.16842	2.87E-06	4.8E-07	1.05E-03	5.06E-10	2.27E-01	1.57E-01	1.81E-11	1.0E+06	1.8E-05

Berkley WTPF
Haul2 Mitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
248	0.17272	2.87E-06	5.0E-07	1.05E-03	5.18E-10	2.27E-01	1.57E-01	1.85E-11	1.0E+06	1.9E-05
249	0.17722	2.87E-06	5.1E-07	1.05E-03	5.32E-10	2.27E-01	1.57E-01	1.90E-11	1.0E+06	1.9E-05
250	0.18194	2.87E-06	5.2E-07	1.05E-03	5.46E-10	2.27E-01	1.57E-01	1.95E-11	1.0E+06	2.0E-05
251	0.1869	2.87E-06	5.4E-07	1.05E-03	5.61E-10	2.27E-01	1.57E-01	2.00E-11	1.0E+06	2.0E-05
252	0.1921	2.87E-06	5.5E-07	1.05E-03	5.77E-10	2.27E-01	1.57E-01	2.06E-11	1.0E+06	2.1E-05
253	0.22956	2.87E-06	6.6E-07	1.05E-03	6.89E-10	2.27E-01	1.57E-01	2.46E-11	1.0E+06	2.5E-05
254	0.23705	2.87E-06	6.8E-07	1.05E-03	7.12E-10	2.27E-01	1.57E-01	2.54E-11	1.0E+06	2.5E-05
255	0.24497	2.87E-06	7.0E-07	1.05E-03	7.35E-10	2.27E-01	1.57E-01	2.63E-11	1.0E+06	2.6E-05
256	0.25334	2.87E-06	7.3E-07	1.05E-03	7.60E-10	2.27E-01	1.57E-01	2.72E-11	1.0E+06	2.7E-05
257	0.2622	2.87E-06	7.5E-07	1.05E-03	7.87E-10	2.27E-01	1.57E-01	2.81E-11	1.0E+06	2.8E-05
258	0.27158	2.87E-06	7.8E-07	1.05E-03	8.15E-10	2.27E-01	1.57E-01	2.91E-11	1.0E+06	2.9E-05
259	0.28192	2.87E-06	8.1E-07	1.05E-03	8.46E-10	2.27E-01	1.57E-01	3.02E-11	1.0E+06	3.0E-05
260	0.17947	2.87E-06	5.2E-07	1.05E-03	5.39E-10	2.27E-01	1.57E-01	1.92E-11	1.0E+06	1.9E-05
261	0.18437	2.87E-06	5.3E-07	1.05E-03	5.53E-10	2.27E-01	1.57E-01	1.98E-11	1.0E+06	2.0E-05
262	0.21948	2.87E-06	6.3E-07	1.05E-03	6.59E-10	2.27E-01	1.57E-01	2.35E-11	1.0E+06	2.4E-05
263	0.22647	2.87E-06	6.5E-07	1.05E-03	6.80E-10	2.27E-01	1.57E-01	2.43E-11	1.0E+06	2.4E-05
264	0.23385	2.87E-06	6.7E-07	1.05E-03	7.02E-10	2.27E-01	1.57E-01	2.51E-11	1.0E+06	2.5E-05
265	0.24163	2.87E-06	6.9E-07	1.05E-03	7.25E-10	2.27E-01	1.57E-01	2.59E-11	1.0E+06	2.6E-05
266	0.24985	2.87E-06	7.2E-07	1.05E-03	7.50E-10	2.27E-01	1.57E-01	2.68E-11	1.0E+06	2.7E-05
267	0.25854	2.87E-06	7.4E-07	1.05E-03	7.76E-10	2.27E-01	1.57E-01	2.77E-11	1.0E+06	2.8E-05
268	0.26777	2.87E-06	7.7E-07	1.05E-03	8.04E-10	2.27E-01	1.57E-01	2.87E-11	1.0E+06	2.9E-05
269	0.27804	2.87E-06	8.0E-07	1.05E-03	8.35E-10	2.27E-01	1.57E-01	2.98E-11	1.0E+06	3.0E-05
270	0.21653	2.87E-06	6.2E-07	1.05E-03	6.50E-10	2.27E-01	1.57E-01	2.32E-11	1.0E+06	2.3E-05
271	0.2234	2.87E-06	6.4E-07	1.05E-03	6.71E-10	2.27E-01	1.57E-01	2.40E-11	1.0E+06	2.4E-05
272	0.23065	2.87E-06	6.6E-07	1.05E-03	6.92E-10	2.27E-01	1.57E-01	2.47E-11	1.0E+06	2.5E-05
273	0.23829	2.87E-06	6.8E-07	1.05E-03	7.15E-10	2.27E-01	1.57E-01	2.56E-11	1.0E+06	2.6E-05
274	0.24635	2.87E-06	7.1E-07	1.05E-03	7.39E-10	2.27E-01	1.57E-01	2.64E-11	1.0E+06	2.6E-05
275	0.25486	2.87E-06	7.3E-07	1.05E-03	7.65E-10	2.27E-01	1.57E-01	2.73E-11	1.0E+06	2.7E-05
276	0.26426	2.87E-06	7.6E-07	1.05E-03	7.93E-10	2.27E-01	1.57E-01	2.83E-11	1.0E+06	2.8E-05
277	0.1374	2.87E-06	3.9E-07	1.05E-03	4.12E-10	2.27E-01	1.57E-01	1.47E-11	1.0E+06	1.5E-05
278	0.14033	2.87E-06	4.0E-07	1.05E-03	4.21E-10	2.27E-01	1.57E-01	1.51E-11	1.0E+06	1.5E-05

Berkley WTPF
Haul2 Mitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
279	0.14351	2.87E-06	4.1E-07	1.05E-03	4.31E-10	2.27E-01	1.57E-01	1.54E-11	1.0E+06	1.5E-05
280	0.14684	2.87E-06	4.2E-07	1.05E-03	4.41E-10	2.27E-01	1.57E-01	1.57E-11	1.0E+06	1.6E-05
281	0.15031	2.87E-06	4.3E-07	1.05E-03	4.51E-10	2.27E-01	1.57E-01	1.61E-11	1.0E+06	1.6E-05
282	0.20723	2.87E-06	6.0E-07	1.05E-03	6.22E-10	2.27E-01	1.57E-01	2.22E-11	1.0E+06	2.2E-05
283	0.21365	2.87E-06	6.1E-07	1.05E-03	6.41E-10	2.27E-01	1.57E-01	2.29E-11	1.0E+06	2.3E-05
284	0.2204	2.87E-06	6.3E-07	1.05E-03	6.62E-10	2.27E-01	1.57E-01	2.36E-11	1.0E+06	2.4E-05
285	0.22751	2.87E-06	6.5E-07	1.05E-03	6.83E-10	2.27E-01	1.57E-01	2.44E-11	1.0E+06	2.4E-05
286	0.235	2.87E-06	6.7E-07	1.05E-03	7.05E-10	2.27E-01	1.57E-01	2.52E-11	1.0E+06	2.5E-05
287	0.24289	2.87E-06	7.0E-07	1.05E-03	7.29E-10	2.27E-01	1.57E-01	2.61E-11	1.0E+06	2.6E-05
288	0.25121	2.87E-06	7.2E-07	1.05E-03	7.54E-10	2.27E-01	1.57E-01	2.69E-11	1.0E+06	2.7E-05
289	0.26067	2.87E-06	7.5E-07	1.05E-03	7.82E-10	2.27E-01	1.57E-01	2.80E-11	1.0E+06	2.8E-05
290	0.13268	2.87E-06	3.8E-07	1.05E-03	3.98E-10	2.27E-01	1.57E-01	1.42E-11	1.0E+06	1.4E-05
291	0.13547	2.87E-06	3.9E-07	1.05E-03	4.07E-10	2.27E-01	1.57E-01	1.45E-11	1.0E+06	1.5E-05
292	0.13849	2.87E-06	4.0E-07	1.05E-03	4.16E-10	2.27E-01	1.57E-01	1.49E-11	1.0E+06	1.5E-05
293	0.14165	2.87E-06	4.1E-07	1.05E-03	4.25E-10	2.27E-01	1.57E-01	1.52E-11	1.0E+06	1.5E-05
294	0.14494	2.87E-06	4.2E-07	1.05E-03	4.35E-10	2.27E-01	1.57E-01	1.55E-11	1.0E+06	1.6E-05
295	0.14837	2.87E-06	4.3E-07	1.05E-03	4.45E-10	2.27E-01	1.57E-01	1.59E-11	1.0E+06	1.6E-05
296	0.15196	2.87E-06	4.4E-07	1.05E-03	4.56E-10	2.27E-01	1.57E-01	1.63E-11	1.0E+06	1.6E-05
297	0.15571	2.87E-06	4.5E-07	1.05E-03	4.67E-10	2.27E-01	1.57E-01	1.67E-11	1.0E+06	1.7E-05
298	0.15964	2.87E-06	4.6E-07	1.05E-03	4.79E-10	2.27E-01	1.57E-01	1.71E-11	1.0E+06	1.7E-05
299	0.16374	2.87E-06	4.7E-07	1.05E-03	4.91E-10	2.27E-01	1.57E-01	1.76E-11	1.0E+06	1.8E-05
300	0.16804	2.87E-06	4.8E-07	1.05E-03	5.04E-10	2.27E-01	1.57E-01	1.80E-11	1.0E+06	1.8E-05
301	0.20455	2.87E-06	5.9E-07	1.05E-03	6.14E-10	2.27E-01	1.57E-01	2.19E-11	1.0E+06	2.2E-05
302	0.21086	2.87E-06	6.1E-07	1.05E-03	6.33E-10	2.27E-01	1.57E-01	2.26E-11	1.0E+06	2.3E-05
303	0.21748	2.87E-06	6.2E-07	1.05E-03	6.53E-10	2.27E-01	1.57E-01	2.33E-11	1.0E+06	2.3E-05
304	0.22445	2.87E-06	6.4E-07	1.05E-03	6.74E-10	2.27E-01	1.57E-01	2.41E-11	1.0E+06	2.4E-05
305	0.23178	2.87E-06	6.7E-07	1.05E-03	6.96E-10	2.27E-01	1.57E-01	2.49E-11	1.0E+06	2.5E-05
306	0.2395	2.87E-06	6.9E-07	1.05E-03	7.19E-10	2.27E-01	1.57E-01	2.57E-11	1.0E+06	2.6E-05
307	0.24763	2.87E-06	7.1E-07	1.05E-03	7.43E-10	2.27E-01	1.57E-01	2.66E-11	1.0E+06	2.7E-05
308	0.13101	2.87E-06	3.8E-07	1.05E-03	3.93E-10	2.27E-01	1.57E-01	1.41E-11	1.0E+06	1.4E-05
309	0.13378	2.87E-06	3.8E-07	1.05E-03	4.02E-10	2.27E-01	1.57E-01	1.43E-11	1.0E+06	1.4E-05

Berkley WTPF
Haul2 Mitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
310	0.13677	2.87E-06	3.9E-07	1.05E-03	4.11E-10	2.27E-01	1.57E-01	1.47E-11	1.0E+06	1.5E-05
311	0.1399	2.87E-06	4.0E-07	1.05E-03	4.20E-10	2.27E-01	1.57E-01	1.50E-11	1.0E+06	1.5E-05
312	0.14315	2.87E-06	4.1E-07	1.05E-03	4.30E-10	2.27E-01	1.57E-01	1.54E-11	1.0E+06	1.5E-05
313	0.14656	2.87E-06	4.2E-07	1.05E-03	4.40E-10	2.27E-01	1.57E-01	1.57E-11	1.0E+06	1.6E-05
314	0.15011	2.87E-06	4.3E-07	1.05E-03	4.51E-10	2.27E-01	1.57E-01	1.61E-11	1.0E+06	1.6E-05
315	0.15382	2.87E-06	4.4E-07	1.05E-03	4.62E-10	2.27E-01	1.57E-01	1.65E-11	1.0E+06	1.6E-05
316	0.15771	2.87E-06	4.5E-07	1.05E-03	4.73E-10	2.27E-01	1.57E-01	1.69E-11	1.0E+06	1.7E-05
317	0.16177	2.87E-06	4.6E-07	1.05E-03	4.86E-10	2.27E-01	1.57E-01	1.74E-11	1.0E+06	1.7E-05
318	0.16602	2.87E-06	4.8E-07	1.05E-03	4.98E-10	2.27E-01	1.57E-01	1.78E-11	1.0E+06	1.8E-05
319	0.17046	2.87E-06	4.9E-07	1.05E-03	5.12E-10	2.27E-01	1.57E-01	1.83E-11	1.0E+06	1.8E-05
320	0.17512	2.87E-06	5.0E-07	1.05E-03	5.26E-10	2.27E-01	1.57E-01	1.88E-11	1.0E+06	1.9E-05
321	0.18	2.87E-06	5.2E-07	1.05E-03	5.40E-10	2.27E-01	1.57E-01	1.93E-11	1.0E+06	1.9E-05
322	0.18512	2.87E-06	5.3E-07	1.05E-03	5.56E-10	2.27E-01	1.57E-01	1.99E-11	1.0E+06	2.0E-05
323	0.202	2.87E-06	5.8E-07	1.05E-03	6.06E-10	2.27E-01	1.57E-01	2.17E-11	1.0E+06	2.2E-05
324	0.20819	2.87E-06	6.0E-07	1.05E-03	6.25E-10	2.27E-01	1.57E-01	2.23E-11	1.0E+06	2.2E-05
325	0.21468	2.87E-06	6.2E-07	1.05E-03	6.44E-10	2.27E-01	1.57E-01	2.30E-11	1.0E+06	2.3E-05
326	0.2215	2.87E-06	6.4E-07	1.05E-03	6.65E-10	2.27E-01	1.57E-01	2.38E-11	1.0E+06	2.4E-05
327	0.22868	2.87E-06	6.6E-07	1.05E-03	6.86E-10	2.27E-01	1.57E-01	2.45E-11	1.0E+06	2.5E-05
328	0.23622	2.87E-06	6.8E-07	1.05E-03	7.09E-10	2.27E-01	1.57E-01	2.53E-11	1.0E+06	2.5E-05
329	0.24415	2.87E-06	7.0E-07	1.05E-03	7.33E-10	2.27E-01	1.57E-01	2.62E-11	1.0E+06	2.6E-05
330	0.12945	2.87E-06	3.7E-07	1.05E-03	3.89E-10	2.27E-01	1.57E-01	1.39E-11	1.0E+06	1.4E-05
331	0.13219	2.87E-06	3.8E-07	1.05E-03	3.97E-10	2.27E-01	1.57E-01	1.42E-11	1.0E+06	1.4E-05
332	0.13516	2.87E-06	3.9E-07	1.05E-03	4.06E-10	2.27E-01	1.57E-01	1.45E-11	1.0E+06	1.4E-05
333	0.13826	2.87E-06	4.0E-07	1.05E-03	4.15E-10	2.27E-01	1.57E-01	1.48E-11	1.0E+06	1.5E-05
334	0.14149	2.87E-06	4.1E-07	1.05E-03	4.25E-10	2.27E-01	1.57E-01	1.52E-11	1.0E+06	1.5E-05
335	0.14486	2.87E-06	4.2E-07	1.05E-03	4.35E-10	2.27E-01	1.57E-01	1.55E-11	1.0E+06	1.6E-05
336	0.14838	2.87E-06	4.3E-07	1.05E-03	4.45E-10	2.27E-01	1.57E-01	1.59E-11	1.0E+06	1.6E-05
337	0.15206	2.87E-06	4.4E-07	1.05E-03	4.56E-10	2.27E-01	1.57E-01	1.63E-11	1.0E+06	1.6E-05
338	0.15591	2.87E-06	4.5E-07	1.05E-03	4.68E-10	2.27E-01	1.57E-01	1.67E-11	1.0E+06	1.7E-05
339	0.15992	2.87E-06	4.6E-07	1.05E-03	4.80E-10	2.27E-01	1.57E-01	1.72E-11	1.0E+06	1.7E-05
340	0.16413	2.87E-06	4.7E-07	1.05E-03	4.93E-10	2.27E-01	1.57E-01	1.76E-11	1.0E+06	1.8E-05

Berkley WTPF
Haul2 Mitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
341	0.16852	2.87E-06	4.8E-07	1.05E-03	5.06E-10	2.27E-01	1.57E-01	1.81E-11	1.0E+06	1.8E-05
342	0.17312	2.87E-06	5.0E-07	1.05E-03	5.20E-10	2.27E-01	1.57E-01	1.86E-11	1.0E+06	1.9E-05
343	0.17793	2.87E-06	5.1E-07	1.05E-03	5.34E-10	2.27E-01	1.57E-01	1.91E-11	1.0E+06	1.9E-05
344	0.18297	2.87E-06	5.3E-07	1.05E-03	5.49E-10	2.27E-01	1.57E-01	1.96E-11	1.0E+06	2.0E-05
345	0.18825	2.87E-06	5.4E-07	1.05E-03	5.65E-10	2.27E-01	1.57E-01	2.02E-11	1.0E+06	2.0E-05
346	0.19377	2.87E-06	5.6E-07	1.05E-03	5.82E-10	2.27E-01	1.57E-01	2.08E-11	1.0E+06	2.1E-05
347	0.19956	2.87E-06	5.7E-07	1.05E-03	5.99E-10	2.27E-01	1.57E-01	2.14E-11	1.0E+06	2.1E-05
348	0.20563	2.87E-06	5.9E-07	1.05E-03	6.17E-10	2.27E-01	1.57E-01	2.21E-11	1.0E+06	2.2E-05
349	0.212	2.87E-06	6.1E-07	1.05E-03	6.36E-10	2.27E-01	1.57E-01	2.27E-11	1.0E+06	2.3E-05
350	0.21867	2.87E-06	6.3E-07	1.05E-03	6.56E-10	2.27E-01	1.57E-01	2.35E-11	1.0E+06	2.3E-05
351	0.22585	2.87E-06	6.5E-07	1.05E-03	6.78E-10	2.27E-01	1.57E-01	2.42E-11	1.0E+06	2.4E-05
352	0.23332	2.87E-06	6.7E-07	1.05E-03	7.00E-10	2.27E-01	1.57E-01	2.50E-11	1.0E+06	2.5E-05
353	0.128	2.87E-06	3.7E-07	1.05E-03	3.84E-10	2.27E-01	1.57E-01	1.37E-11	1.0E+06	1.4E-05
354	0.13072	2.87E-06	3.8E-07	1.05E-03	3.92E-10	2.27E-01	1.57E-01	1.40E-11	1.0E+06	1.4E-05
355	0.13367	2.87E-06	3.8E-07	1.05E-03	4.01E-10	2.27E-01	1.57E-01	1.43E-11	1.0E+06	1.4E-05
356	0.13675	2.87E-06	3.9E-07	1.05E-03	4.10E-10	2.27E-01	1.57E-01	1.47E-11	1.0E+06	1.5E-05
357	0.13995	2.87E-06	4.0E-07	1.05E-03	4.20E-10	2.27E-01	1.57E-01	1.50E-11	1.0E+06	1.5E-05
358	0.1433	2.87E-06	4.1E-07	1.05E-03	4.30E-10	2.27E-01	1.57E-01	1.54E-11	1.0E+06	1.5E-05
359	0.14679	2.87E-06	4.2E-07	1.05E-03	4.41E-10	2.27E-01	1.57E-01	1.57E-11	1.0E+06	1.6E-05
360	0.15043	2.87E-06	4.3E-07	1.05E-03	4.52E-10	2.27E-01	1.57E-01	1.61E-11	1.0E+06	1.6E-05
361	0.15424	2.87E-06	4.4E-07	1.05E-03	4.63E-10	2.27E-01	1.57E-01	1.65E-11	1.0E+06	1.7E-05
362	0.15821	2.87E-06	4.5E-07	1.05E-03	4.75E-10	2.27E-01	1.57E-01	1.70E-11	1.0E+06	1.7E-05
363	0.16236	2.87E-06	4.7E-07	1.05E-03	4.87E-10	2.27E-01	1.57E-01	1.74E-11	1.0E+06	1.7E-05
364	0.16671	2.87E-06	4.8E-07	1.05E-03	5.00E-10	2.27E-01	1.57E-01	1.79E-11	1.0E+06	1.8E-05
365	0.17124	2.87E-06	4.9E-07	1.05E-03	5.14E-10	2.27E-01	1.57E-01	1.84E-11	1.0E+06	1.8E-05
366	0.17599	2.87E-06	5.1E-07	1.05E-03	5.28E-10	2.27E-01	1.57E-01	1.89E-11	1.0E+06	1.9E-05
367	0.18095	2.87E-06	5.2E-07	1.05E-03	5.43E-10	2.27E-01	1.57E-01	1.94E-11	1.0E+06	1.9E-05
368	0.18614	2.87E-06	5.3E-07	1.05E-03	5.59E-10	2.27E-01	1.57E-01	2.00E-11	1.0E+06	2.0E-05
369	0.19157	2.87E-06	5.5E-07	1.05E-03	5.75E-10	2.27E-01	1.57E-01	2.05E-11	1.0E+06	2.1E-05
370	0.19728	2.87E-06	5.7E-07	1.05E-03	5.92E-10	2.27E-01	1.57E-01	2.12E-11	1.0E+06	2.1E-05
371	0.20325	2.87E-06	5.8E-07	1.05E-03	6.10E-10	2.27E-01	1.57E-01	2.18E-11	1.0E+06	2.2E-05

Berkley WTPF
Haul2 Mitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
372	0.20949	2.87E-06	6.0E-07	1.05E-03	6.29E-10	2.27E-01	1.57E-01	2.25E-11	1.0E+06	2.2E-05
373	0.12937	2.87E-06	3.7E-07	1.05E-03	3.88E-10	2.27E-01	1.57E-01	1.39E-11	1.0E+06	1.4E-05
374	0.1323	2.87E-06	3.8E-07	1.05E-03	3.97E-10	2.27E-01	1.57E-01	1.42E-11	1.0E+06	1.4E-05
375	0.13535	2.87E-06	3.9E-07	1.05E-03	4.06E-10	2.27E-01	1.57E-01	1.45E-11	1.0E+06	1.5E-05
376	0.13853	2.87E-06	4.0E-07	1.05E-03	4.16E-10	2.27E-01	1.57E-01	1.49E-11	1.0E+06	1.5E-05
377	0.14185	2.87E-06	4.1E-07	1.05E-03	4.26E-10	2.27E-01	1.57E-01	1.52E-11	1.0E+06	1.5E-05
378	0.14531	2.87E-06	4.2E-07	1.05E-03	4.36E-10	2.27E-01	1.57E-01	1.56E-11	1.0E+06	1.6E-05
379	0.14892	2.87E-06	4.3E-07	1.05E-03	4.47E-10	2.27E-01	1.57E-01	1.60E-11	1.0E+06	1.6E-05
380	0.15268	2.87E-06	4.4E-07	1.05E-03	4.58E-10	2.27E-01	1.57E-01	1.64E-11	1.0E+06	1.6E-05
381	0.15662	2.87E-06	4.5E-07	1.05E-03	4.70E-10	2.27E-01	1.57E-01	1.68E-11	1.0E+06	1.7E-05
382	0.16072	2.87E-06	4.6E-07	1.05E-03	4.82E-10	2.27E-01	1.57E-01	1.72E-11	1.0E+06	1.7E-05
383	0.16501	2.87E-06	4.7E-07	1.05E-03	4.95E-10	2.27E-01	1.57E-01	1.77E-11	1.0E+06	1.8E-05
384	0.16948	2.87E-06	4.9E-07	1.05E-03	5.09E-10	2.27E-01	1.57E-01	1.82E-11	1.0E+06	1.8E-05
385	0.17415	2.87E-06	5.0E-07	1.05E-03	5.23E-10	2.27E-01	1.57E-01	1.87E-11	1.0E+06	1.9E-05
386	0.17903	2.87E-06	5.1E-07	1.05E-03	5.37E-10	2.27E-01	1.57E-01	1.92E-11	1.0E+06	1.9E-05
387	0.18413	2.87E-06	5.3E-07	1.05E-03	5.53E-10	2.27E-01	1.57E-01	1.97E-11	1.0E+06	2.0E-05
388	0.18958	2.87E-06	5.4E-07	1.05E-03	5.69E-10	2.27E-01	1.57E-01	2.03E-11	1.0E+06	2.0E-05
389	0.12823	2.87E-06	3.7E-07	1.05E-03	3.85E-10	2.27E-01	1.57E-01	1.38E-11	1.0E+06	1.4E-05
390	0.13114	2.87E-06	3.8E-07	1.05E-03	3.94E-10	2.27E-01	1.57E-01	1.41E-11	1.0E+06	1.4E-05
391	0.13411	2.87E-06	3.9E-07	1.05E-03	4.03E-10	2.27E-01	1.57E-01	1.44E-11	1.0E+06	1.4E-05
392	0.13722	2.87E-06	3.9E-07	1.05E-03	4.12E-10	2.27E-01	1.57E-01	1.47E-11	1.0E+06	1.5E-05
393	0.14051	2.87E-06	4.0E-07	1.05E-03	4.22E-10	2.27E-01	1.57E-01	1.51E-11	1.0E+06	1.5E-05
394	0.14394	2.87E-06	4.1E-07	1.05E-03	4.32E-10	2.27E-01	1.57E-01	1.54E-11	1.0E+06	1.5E-05
395	0.14751	2.87E-06	4.2E-07	1.05E-03	4.43E-10	2.27E-01	1.57E-01	1.58E-11	1.0E+06	1.6E-05
396	0.15124	2.87E-06	4.3E-07	1.05E-03	4.54E-10	2.27E-01	1.57E-01	1.62E-11	1.0E+06	1.6E-05
397	0.15513	2.87E-06	4.5E-07	1.05E-03	4.66E-10	2.27E-01	1.57E-01	1.66E-11	1.0E+06	1.7E-05
398	0.15918	2.87E-06	4.6E-07	1.05E-03	4.78E-10	2.27E-01	1.57E-01	1.71E-11	1.0E+06	1.7E-05
399	0.16341	2.87E-06	4.7E-07	1.05E-03	4.90E-10	2.27E-01	1.57E-01	1.75E-11	1.0E+06	1.8E-05
400	0.16782	2.87E-06	4.8E-07	1.05E-03	5.04E-10	2.27E-01	1.57E-01	1.80E-11	1.0E+06	1.8E-05
401	0.17242	2.87E-06	5.0E-07	1.05E-03	5.18E-10	2.27E-01	1.57E-01	1.85E-11	1.0E+06	1.8E-05
402	0.17722	2.87E-06	5.1E-07	1.05E-03	5.32E-10	2.27E-01	1.57E-01	1.90E-11	1.0E+06	1.9E-05

Berkley WTPF
Haul2 Mitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
403	0.18223	2.87E-06	5.2E-07	1.05E-03	5.47E-10	2.27E-01	1.57E-01	1.95E-11	1.0E+06	2.0E-05
404	0.13011	2.87E-06	3.7E-07	1.05E-03	3.91E-10	2.27E-01	1.57E-01	1.40E-11	1.0E+06	1.4E-05
405	0.133	2.87E-06	3.8E-07	1.05E-03	3.99E-10	2.27E-01	1.57E-01	1.43E-11	1.0E+06	1.4E-05
406	0.13603	2.87E-06	3.9E-07	1.05E-03	4.08E-10	2.27E-01	1.57E-01	1.46E-11	1.0E+06	1.5E-05
407	0.13927	2.87E-06	4.0E-07	1.05E-03	4.18E-10	2.27E-01	1.57E-01	1.49E-11	1.0E+06	1.5E-05
408	0.14266	2.87E-06	4.1E-07	1.05E-03	4.28E-10	2.27E-01	1.57E-01	1.53E-11	1.0E+06	1.5E-05
409	0.1462	2.87E-06	4.2E-07	1.05E-03	4.39E-10	2.27E-01	1.57E-01	1.57E-11	1.0E+06	1.6E-05
410	0.14989	2.87E-06	4.3E-07	1.05E-03	4.50E-10	2.27E-01	1.57E-01	1.61E-11	1.0E+06	1.6E-05
411	0.15373	2.87E-06	4.4E-07	1.05E-03	4.61E-10	2.27E-01	1.57E-01	1.65E-11	1.0E+06	1.6E-05
412	0.15773	2.87E-06	4.5E-07	1.05E-03	4.73E-10	2.27E-01	1.57E-01	1.69E-11	1.0E+06	1.7E-05
413	0.1619	2.87E-06	4.6E-07	1.05E-03	4.86E-10	2.27E-01	1.57E-01	1.74E-11	1.0E+06	1.7E-05
414	0.16624	2.87E-06	4.8E-07	1.05E-03	4.99E-10	2.27E-01	1.57E-01	1.78E-11	1.0E+06	1.8E-05
415	0.17077	2.87E-06	4.9E-07	1.05E-03	5.13E-10	2.27E-01	1.57E-01	1.83E-11	1.0E+06	1.8E-05
416	0.17548	2.87E-06	5.0E-07	1.05E-03	5.27E-10	2.27E-01	1.57E-01	1.88E-11	1.0E+06	1.9E-05
417	0.18042	2.87E-06	5.2E-07	1.05E-03	5.42E-10	2.27E-01	1.57E-01	1.94E-11	1.0E+06	1.9E-05
418	0.13513	2.87E-06	3.9E-07	1.05E-03	4.06E-10	2.27E-01	1.57E-01	1.45E-11	1.0E+06	1.4E-05
419	0.13813	2.87E-06	4.0E-07	1.05E-03	4.15E-10	2.27E-01	1.57E-01	1.48E-11	1.0E+06	1.5E-05
420	0.14147	2.87E-06	4.1E-07	1.05E-03	4.25E-10	2.27E-01	1.57E-01	1.52E-11	1.0E+06	1.5E-05
421	0.14498	2.87E-06	4.2E-07	1.05E-03	4.35E-10	2.27E-01	1.57E-01	1.56E-11	1.0E+06	1.6E-05
422	0.14862	2.87E-06	4.3E-07	1.05E-03	4.46E-10	2.27E-01	1.57E-01	1.59E-11	1.0E+06	1.6E-05
423	0.15241	2.87E-06	4.4E-07	1.05E-03	4.57E-10	2.27E-01	1.57E-01	1.63E-11	1.0E+06	1.6E-05
424	0.15635	2.87E-06	4.5E-07	1.05E-03	4.69E-10	2.27E-01	1.57E-01	1.68E-11	1.0E+06	1.7E-05
425	0.16046	2.87E-06	4.6E-07	1.05E-03	4.82E-10	2.27E-01	1.57E-01	1.72E-11	1.0E+06	1.7E-05
426	0.16473	2.87E-06	4.7E-07	1.05E-03	4.94E-10	2.27E-01	1.57E-01	1.77E-11	1.0E+06	1.8E-05
427	0.16918	2.87E-06	4.9E-07	1.05E-03	5.08E-10	2.27E-01	1.57E-01	1.81E-11	1.0E+06	1.8E-05
428	0.17382	2.87E-06	5.0E-07	1.05E-03	5.22E-10	2.27E-01	1.57E-01	1.86E-11	1.0E+06	1.9E-05
429	0.17885	2.87E-06	5.1E-07	1.05E-03	5.37E-10	2.27E-01	1.57E-01	1.92E-11	1.0E+06	1.9E-05
430	0.15134	2.87E-06	4.3E-07	1.05E-03	4.54E-10	2.27E-01	1.57E-01	1.62E-11	1.0E+06	1.6E-05
431	0.15518	2.87E-06	4.5E-07	1.05E-03	4.66E-10	2.27E-01	1.57E-01	1.66E-11	1.0E+06	1.7E-05
432	0.15923	2.87E-06	4.6E-07	1.05E-03	4.78E-10	2.27E-01	1.57E-01	1.71E-11	1.0E+06	1.7E-05
433	0.16335	2.87E-06	4.7E-07	1.05E-03	4.90E-10	2.27E-01	1.57E-01	1.75E-11	1.0E+06	1.8E-05

Berkley WTPF
Haul2 Mitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
434	0.16766	2.87E-06	4.8E-07	1.05E-03	5.03E-10	2.27E-01	1.57E-01	1.80E-11	1.0E+06	1.8E-05
435	0.17221	2.87E-06	4.9E-07	1.05E-03	5.17E-10	2.27E-01	1.57E-01	1.85E-11	1.0E+06	1.8E-05

Berkley WTPF
Haul2 Mitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
		Residence	
1	5	1.11E-07	1.11E-07
2	5	1.14E-07	1.14E-07
3	5	1.17E-07	1.17E-07
4	5	1.20E-07	1.20E-07
5	5	1.23E-07	1.23E-07
6	5	1.27E-07	1.27E-07
7	5	1.31E-07	1.31E-07
8	5	1.35E-07	1.35E-07
9	5	1.07E-07	1.07E-07
10	5	1.10E-07	1.10E-07
11	5	1.13E-07	1.13E-07
12	5	1.16E-07	1.16E-07
13	5	1.19E-07	1.19E-07
14	5	1.22E-07	1.22E-07
15	5	1.26E-07	1.26E-07
16	5	1.29E-07	1.29E-07
17	5	1.33E-07	1.33E-07
18	5	1.37E-07	1.37E-07
19	5	1.42E-07	1.42E-07
20	5	1.46E-07	1.46E-07
21	5	1.06E-07	1.06E-07
22	5	1.09E-07	1.09E-07
23	5	1.12E-07	1.12E-07
24	5	1.15E-07	1.15E-07
25	5	1.18E-07	1.18E-07
26	5	1.21E-07	1.21E-07
27	5	1.25E-07	1.25E-07
28	5	1.28E-07	1.28E-07
29	5	1.32E-07	1.32E-07
30	5	1.36E-07	1.36E-07

Max	Receptor #	
1.979E-07	120	Res
5.189E-08	511	Park
2.498E-07	120	Total

Berkley WTPF
Haul2 Mitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
31	5	1.40E-07	1.40E-07
32	5	1.45E-07	1.45E-07
33	5	1.49E-07	1.49E-07
34	5	1.54E-07	1.54E-07
35	5	1.60E-07	1.60E-07
36	5	1.65E-07	1.65E-07
37	5	1.05E-07	1.05E-07
38	5	1.08E-07	1.08E-07
39	5	1.11E-07	1.11E-07
40	5	1.14E-07	1.14E-07
41	5	1.17E-07	1.17E-07
42	5	1.20E-07	1.20E-07
43	5	1.23E-07	1.23E-07
44	5	1.27E-07	1.27E-07
45	5	1.31E-07	1.31E-07
46	5	1.35E-07	1.35E-07
47	5	1.39E-07	1.39E-07
48	5	1.43E-07	1.43E-07
49	5	1.48E-07	1.48E-07
50	5	1.53E-07	1.53E-07
51	5	1.58E-07	1.58E-07
52	5	1.63E-07	1.63E-07
53	5	1.69E-07	1.69E-07
54	5	1.76E-07	1.76E-07
55	5	1.82E-07	1.82E-07
56	5	1.02E-07	1.02E-07
57	5	1.05E-07	1.05E-07
58	5	1.07E-07	1.07E-07
59	5	1.10E-07	1.10E-07
60	5	1.13E-07	1.13E-07
61	5	1.16E-07	1.16E-07

Berkley WTPF
Haul2 Mitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
62	5	1.19E-07	1.19E-07
63	5	1.22E-07	1.22E-07
64	5	1.26E-07	1.26E-07
65	5	1.29E-07	1.29E-07
66	5	1.33E-07	1.33E-07
67	5	1.37E-07	1.37E-07
68	5	1.42E-07	1.42E-07
69	5	1.46E-07	1.46E-07
70	5	1.51E-07	1.51E-07
71	5	1.56E-07	1.56E-07
72	5	1.62E-07	1.62E-07
73	5	1.67E-07	1.67E-07
74	5	1.73E-07	1.73E-07
75	5	1.80E-07	1.80E-07
76	5	1.01E-07	1.01E-07
77	5	1.04E-07	1.04E-07
78	5	1.06E-07	1.06E-07
79	5	1.09E-07	1.09E-07
80	5	1.12E-07	1.12E-07
81	5	1.15E-07	1.15E-07
82	5	1.18E-07	1.18E-07
83	5	1.21E-07	1.21E-07
84	5	1.25E-07	1.25E-07
85	5	1.28E-07	1.28E-07
86	5	1.32E-07	1.32E-07
87	5	1.36E-07	1.36E-07
88	5	1.40E-07	1.40E-07
89	5	1.45E-07	1.45E-07
90	5	1.49E-07	1.49E-07
91	5	1.54E-07	1.54E-07
92	5	1.60E-07	1.60E-07

Berkley WTPF
Haul2 Mitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
93	5	1.65E-07	1.65E-07
94	5	1.71E-07	1.71E-07
95	5	1.78E-07	1.78E-07
96	5	1.85E-07	1.85E-07
97	5	1.92E-07	1.92E-07
98	5	1.00E-07	1.00E-07
99	5	1.03E-07	1.03E-07
100	5	1.05E-07	1.05E-07
101	5	1.08E-07	1.08E-07
102	5	1.11E-07	1.11E-07
103	5	1.14E-07	1.14E-07
104	5	1.17E-07	1.17E-07
105	5	1.20E-07	1.20E-07
106	5	1.23E-07	1.23E-07
107	5	1.27E-07	1.27E-07
108	5	1.31E-07	1.31E-07
109	5	1.35E-07	1.35E-07
110	5	1.39E-07	1.39E-07
111	5	1.43E-07	1.43E-07
112	5	1.48E-07	1.48E-07
113	5	1.53E-07	1.53E-07
114	5	1.58E-07	1.58E-07
115	5	1.64E-07	1.64E-07
116	5	1.70E-07	1.70E-07
117	5	1.76E-07	1.76E-07
118	5	1.83E-07	1.83E-07
119	5	1.90E-07	1.90E-07
120	5	1.98E-07	1.98E-07
121	5	9.71E-08	9.71E-08
122	5	9.93E-08	9.93E-08
123	5	1.02E-07	1.02E-07

Berkley WTPF
Haul2 Mitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
124	5	1.04E-07	1.04E-07
125	5	1.07E-07	1.07E-07
126	5	1.10E-07	1.10E-07
127	5	1.13E-07	1.13E-07
128	5	1.16E-07	1.16E-07
129	5	1.19E-07	1.19E-07
130	5	1.22E-07	1.22E-07
131	5	1.26E-07	1.26E-07
132	5	1.29E-07	1.29E-07
133	5	1.33E-07	1.33E-07
134	5	1.37E-07	1.37E-07
135	5	1.42E-07	1.42E-07
136	5	1.46E-07	1.46E-07
137	5	1.51E-07	1.51E-07
138	5	1.56E-07	1.56E-07
139	5	1.62E-07	1.62E-07
140	5	1.68E-07	1.68E-07
141	5	1.74E-07	1.74E-07
142	5	1.81E-07	1.81E-07
143	5	1.88E-07	1.88E-07
144	5	1.96E-07	1.96E-07
145	5	9.61E-08	9.61E-08
146	5	9.83E-08	9.83E-08
147	5	1.01E-07	1.01E-07
148	5	1.03E-07	1.03E-07
149	5	1.06E-07	1.06E-07
150	5	1.08E-07	1.08E-07
151	5	1.11E-07	1.11E-07
152	5	1.14E-07	1.14E-07
153	5	1.17E-07	1.17E-07
154	5	1.21E-07	1.21E-07

Berkley WTPF
Haul2 Mitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
155	5	1.24E-07	1.24E-07
156	5	1.28E-07	1.28E-07
157	5	1.32E-07	1.32E-07
158	5	1.36E-07	1.36E-07
159	5	1.40E-07	1.40E-07
160	5	1.45E-07	1.45E-07
161	5	1.50E-07	1.50E-07
162	5	1.55E-07	1.55E-07
163	5	1.60E-07	1.60E-07
164	5	1.66E-07	1.66E-07
165	5	1.72E-07	1.72E-07
166	5	1.79E-07	1.79E-07
167	5	1.86E-07	1.86E-07
168	5	9.50E-08	9.50E-08
169	5	9.72E-08	9.72E-08
170	5	9.94E-08	9.94E-08
171	5	1.02E-07	1.02E-07
172	5	1.05E-07	1.05E-07
173	5	1.07E-07	1.07E-07
174	5	1.10E-07	1.10E-07
175	5	1.13E-07	1.13E-07
176	5	1.16E-07	1.16E-07
177	5	1.19E-07	1.19E-07
178	5	1.23E-07	1.23E-07
179	5	1.27E-07	1.27E-07
180	5	1.30E-07	1.30E-07
181	5	1.34E-07	1.34E-07
182	5	1.39E-07	1.39E-07
183	5	1.43E-07	1.43E-07
184	5	1.48E-07	1.48E-07
185	5	1.53E-07	1.53E-07

Berkley WTPF
Haul2 Mitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
186	5	1.58E-07	1.58E-07
187	5	1.64E-07	1.64E-07
188	5	1.70E-07	1.70E-07
189	5	1.77E-07	1.77E-07
190	5	1.84E-07	1.84E-07
191	5	9.38E-08	9.38E-08
192	5	9.59E-08	9.59E-08
193	5	9.82E-08	9.82E-08
194	5	1.01E-07	1.01E-07
195	5	1.03E-07	1.03E-07
196	5	1.06E-07	1.06E-07
197	5	1.09E-07	1.09E-07
198	5	1.12E-07	1.12E-07
199	5	1.15E-07	1.15E-07
200	5	1.18E-07	1.18E-07
201	5	1.33E-07	1.33E-07
202	5	1.37E-07	1.37E-07
203	5	1.41E-07	1.41E-07
204	5	1.46E-07	1.46E-07
205	5	1.51E-07	1.51E-07
206	5	1.57E-07	1.57E-07
207	5	1.62E-07	1.62E-07
208	5	1.68E-07	1.68E-07
209	5	1.75E-07	1.75E-07
210	5	1.82E-07	1.82E-07
211	5	9.24E-08	9.24E-08
212	5	9.47E-08	9.47E-08
213	5	9.70E-08	9.70E-08
214	5	9.94E-08	9.94E-08
215	5	1.02E-07	1.02E-07
216	5	1.05E-07	1.05E-07

Berkley WTPF
Haul2 Mitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
217	5	1.07E-07	1.07E-07
218	5	1.10E-07	1.10E-07
219	5	1.13E-07	1.13E-07
220	5	1.40E-07	1.40E-07
221	5	1.44E-07	1.44E-07
222	5	1.49E-07	1.49E-07
223	5	1.55E-07	1.55E-07
224	5	1.60E-07	1.60E-07
225	5	1.66E-07	1.66E-07
226	5	1.72E-07	1.72E-07
227	5	8.91E-08	8.91E-08
228	5	9.12E-08	9.12E-08
229	5	9.34E-08	9.34E-08
230	5	9.57E-08	9.57E-08
231	5	9.81E-08	9.81E-08
232	5	1.01E-07	1.01E-07
233	5	1.03E-07	1.03E-07
234	5	1.06E-07	1.06E-07
235	5	1.09E-07	1.09E-07
236	5	1.12E-07	1.12E-07
237	5	1.34E-07	1.34E-07
238	5	1.38E-07	1.38E-07
239	5	1.43E-07	1.43E-07
240	5	1.47E-07	1.47E-07
241	5	1.53E-07	1.53E-07
242	5	1.58E-07	1.58E-07
243	5	1.64E-07	1.64E-07
244	5	1.71E-07	1.71E-07
245	5	9.21E-08	9.21E-08
246	5	9.44E-08	9.44E-08
247	5	9.67E-08	9.67E-08

Berkley WTPF
Haul2 Mitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
248	5	9.92E-08	9.92E-08
249	5	1.02E-07	1.02E-07
250	5	1.04E-07	1.04E-07
251	5	1.07E-07	1.07E-07
252	5	1.10E-07	1.10E-07
253	5	1.32E-07	1.32E-07
254	5	1.36E-07	1.36E-07
255	5	1.41E-07	1.41E-07
256	5	1.46E-07	1.46E-07
257	5	1.51E-07	1.51E-07
258	5	1.56E-07	1.56E-07
259	5	1.62E-07	1.62E-07
260	5	1.03E-07	1.03E-07
261	5	1.06E-07	1.06E-07
262	5	1.26E-07	1.26E-07
263	5	1.30E-07	1.30E-07
264	5	1.34E-07	1.34E-07
265	5	1.39E-07	1.39E-07
266	5	1.43E-07	1.43E-07
267	5	1.48E-07	1.48E-07
268	5	1.54E-07	1.54E-07
269	5	1.60E-07	1.60E-07
270	5	1.24E-07	1.24E-07
271	5	1.28E-07	1.28E-07
272	5	1.32E-07	1.32E-07
273	5	1.37E-07	1.37E-07
274	5	1.41E-07	1.41E-07
275	5	1.46E-07	1.46E-07
276	5	1.52E-07	1.52E-07
277	5	7.89E-08	7.89E-08
278	5	8.06E-08	8.06E-08

Berkley WTPF
Haul2 Mitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
279	5	8.24E-08	8.24E-08
280	5	8.43E-08	8.43E-08
281	5	8.63E-08	8.63E-08
282	5	1.19E-07	1.19E-07
283	5	1.23E-07	1.23E-07
284	5	1.27E-07	1.27E-07
285	5	1.31E-07	1.31E-07
286	5	1.35E-07	1.35E-07
287	5	1.40E-07	1.40E-07
288	5	1.44E-07	1.44E-07
289	5	1.50E-07	1.50E-07
290	5	7.62E-08	7.62E-08
291	5	7.78E-08	7.78E-08
292	5	7.95E-08	7.95E-08
293	5	8.14E-08	8.14E-08
294	5	8.32E-08	8.32E-08
295	5	8.52E-08	8.52E-08
296	5	8.73E-08	8.73E-08
297	5	8.94E-08	8.94E-08
298	5	9.17E-08	9.17E-08
299	5	9.40E-08	9.40E-08
300	5	9.65E-08	9.65E-08
301	5	1.17E-07	1.17E-07
302	5	1.21E-07	1.21E-07
303	5	1.25E-07	1.25E-07
304	5	1.29E-07	1.29E-07
305	5	1.33E-07	1.33E-07
306	5	1.38E-07	1.38E-07
307	5	1.42E-07	1.42E-07
308	5	7.52E-08	7.52E-08
309	5	7.68E-08	7.68E-08

Berkley WTPF
Haul2 Mitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
310	5	7.86E-08	7.86E-08
311	5	8.04E-08	8.04E-08
312	5	8.22E-08	8.22E-08
313	5	8.42E-08	8.42E-08
314	5	8.62E-08	8.62E-08
315	5	8.83E-08	8.83E-08
316	5	9.06E-08	9.06E-08
317	5	9.29E-08	9.29E-08
318	5	9.54E-08	9.54E-08
319	5	9.79E-08	9.79E-08
320	5	1.01E-07	1.01E-07
321	5	1.03E-07	1.03E-07
322	5	1.06E-07	1.06E-07
323	5	1.16E-07	1.16E-07
324	5	1.20E-07	1.20E-07
325	5	1.23E-07	1.23E-07
326	5	1.27E-07	1.27E-07
327	5	1.31E-07	1.31E-07
328	5	1.36E-07	1.36E-07
329	5	1.40E-07	1.40E-07
330	5	7.43E-08	7.43E-08
331	5	7.59E-08	7.59E-08
332	5	7.76E-08	7.76E-08
333	5	7.94E-08	7.94E-08
334	5	8.13E-08	8.13E-08
335	5	8.32E-08	8.32E-08
336	5	8.52E-08	8.52E-08
337	5	8.73E-08	8.73E-08
338	5	8.95E-08	8.95E-08
339	5	9.18E-08	9.18E-08
340	5	9.43E-08	9.43E-08

Berkley WTPF
Haul2 Mitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
341	5	9.68E-08	9.68E-08
342	5	9.94E-08	9.94E-08
343	5	1.02E-07	1.02E-07
344	5	1.05E-07	1.05E-07
345	5	1.08E-07	1.08E-07
346	5	1.11E-07	1.11E-07
347	5	1.15E-07	1.15E-07
348	5	1.18E-07	1.18E-07
349	5	1.22E-07	1.22E-07
350	5	1.26E-07	1.26E-07
351	5	1.30E-07	1.30E-07
352	5	1.34E-07	1.34E-07
353	5	7.35E-08	7.35E-08
354	5	7.51E-08	7.51E-08
355	5	7.68E-08	7.68E-08
356	5	7.85E-08	7.85E-08
357	5	8.04E-08	8.04E-08
358	5	8.23E-08	8.23E-08
359	5	8.43E-08	8.43E-08
360	5	8.64E-08	8.64E-08
361	5	8.86E-08	8.86E-08
362	5	9.09E-08	9.09E-08
363	5	9.33E-08	9.33E-08
364	5	9.57E-08	9.57E-08
365	5	9.84E-08	9.84E-08
366	5	1.01E-07	1.01E-07
367	5	1.04E-07	1.04E-07
368	5	1.07E-07	1.07E-07
369	5	1.10E-07	1.10E-07
370	5	1.13E-07	1.13E-07
371	5	1.17E-07	1.17E-07

Berkley WTPF
Haul2 Mitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
372	5	1.20E-07	1.20E-07
373	5	7.43E-08	7.43E-08
374	5	7.60E-08	7.60E-08
375	5	7.77E-08	7.77E-08
376	5	7.96E-08	7.96E-08
377	5	8.15E-08	8.15E-08
378	5	8.35E-08	8.35E-08
379	5	8.55E-08	8.55E-08
380	5	8.77E-08	8.77E-08
381	5	9.00E-08	9.00E-08
382	5	9.23E-08	9.23E-08
383	5	9.48E-08	9.48E-08
384	5	9.73E-08	9.73E-08
385	5	1.00E-07	1.00E-07
386	5	1.03E-07	1.03E-07
387	5	1.06E-07	1.06E-07
388	5	1.09E-07	1.09E-07
389	5	7.36E-08	7.36E-08
390	5	7.53E-08	7.53E-08
391	5	7.70E-08	7.70E-08
392	5	7.88E-08	7.88E-08
393	5	8.07E-08	8.07E-08
394	5	8.27E-08	8.27E-08
395	5	8.47E-08	8.47E-08
396	5	8.69E-08	8.69E-08
397	5	8.91E-08	8.91E-08
398	5	9.14E-08	9.14E-08
399	5	9.39E-08	9.39E-08
400	5	9.64E-08	9.64E-08
401	5	9.90E-08	9.90E-08
402	5	1.02E-07	1.02E-07

Berkley WTPF
Haul2 Mitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
403	5	1.05E-07	1.05E-07
404	5	7.47E-08	7.47E-08
405	5	7.64E-08	7.64E-08
406	5	7.81E-08	7.81E-08
407	5	8.00E-08	8.00E-08
408	5	8.19E-08	8.19E-08
409	5	8.40E-08	8.40E-08
410	5	8.61E-08	8.61E-08
411	5	8.83E-08	8.83E-08
412	5	9.06E-08	9.06E-08
413	5	9.30E-08	9.30E-08
414	5	9.55E-08	9.55E-08
415	5	9.81E-08	9.81E-08
416	5	1.01E-07	1.01E-07
417	5	1.04E-07	1.04E-07
418	5	7.76E-08	7.76E-08
419	5	7.93E-08	7.93E-08
420	5	8.13E-08	8.13E-08
421	5	8.33E-08	8.33E-08
422	5	8.54E-08	8.54E-08
423	5	8.75E-08	8.75E-08
424	5	8.98E-08	8.98E-08
425	5	9.22E-08	9.22E-08
426	5	9.46E-08	9.46E-08
427	5	9.72E-08	9.72E-08
428	5	9.98E-08	9.98E-08
429	5	1.03E-07	1.03E-07
430	5	8.69E-08	8.69E-08
431	5	8.91E-08	8.91E-08
432	5	9.15E-08	9.15E-08
433	5	9.38E-08	9.38E-08

Berkley WTPF
Haul2 Mitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
434	5	9.63E-08	9.63E-08
435	5	9.89E-08	9.89E-08

Berkley WTPF
Haul3 Mitigated Risk

					Cancer Risk from Birth to 2 years - Construction					
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
					Residence					
1	0.2838	2.86E-06	8.1E-07	1.05E-03	8.47E-10	2.27E-01	1.57E-01	3.03E-11	1.0E+06	3.0E-05
2	0.29071	2.86E-06	8.3E-07	1.05E-03	8.68E-10	2.27E-01	1.57E-01	3.10E-11	1.0E+06	3.1E-05
3	0.29784	2.86E-06	8.5E-07	1.05E-03	8.89E-10	2.27E-01	1.57E-01	3.18E-11	1.0E+06	3.2E-05
4	0.30519	2.86E-06	8.7E-07	1.05E-03	9.11E-10	2.27E-01	1.57E-01	3.26E-11	1.0E+06	3.3E-05
5	0.31288	2.86E-06	8.9E-07	1.05E-03	9.34E-10	2.27E-01	1.57E-01	3.34E-11	1.0E+06	3.3E-05
6	0.32072	2.86E-06	9.2E-07	1.05E-03	9.57E-10	2.27E-01	1.57E-01	3.42E-11	1.0E+06	3.4E-05
7	0.32874	2.86E-06	9.4E-07	1.05E-03	9.81E-10	2.27E-01	1.57E-01	3.51E-11	1.0E+06	3.5E-05
8	0.33672	2.86E-06	9.6E-07	1.05E-03	1.01E-09	2.27E-01	1.57E-01	3.59E-11	1.0E+06	3.6E-05
9	0.27796	2.86E-06	7.9E-07	1.05E-03	8.30E-10	2.27E-01	1.57E-01	2.97E-11	1.0E+06	3.0E-05
10	0.28463	2.86E-06	8.1E-07	1.05E-03	8.50E-10	2.27E-01	1.57E-01	3.04E-11	1.0E+06	3.0E-05
11	0.29197	2.86E-06	8.3E-07	1.05E-03	8.72E-10	2.27E-01	1.57E-01	3.11E-11	1.0E+06	3.1E-05
12	0.29949	2.86E-06	8.6E-07	1.05E-03	8.94E-10	2.27E-01	1.57E-01	3.19E-11	1.0E+06	3.2E-05
13	0.30715	2.86E-06	8.8E-07	1.05E-03	9.17E-10	2.27E-01	1.57E-01	3.28E-11	1.0E+06	3.3E-05
14	0.31495	2.86E-06	9.0E-07	1.05E-03	9.40E-10	2.27E-01	1.57E-01	3.36E-11	1.0E+06	3.4E-05
15	0.32291	2.86E-06	9.2E-07	1.05E-03	9.64E-10	2.27E-01	1.57E-01	3.44E-11	1.0E+06	3.4E-05
16	0.33103	2.86E-06	9.5E-07	1.05E-03	9.88E-10	2.27E-01	1.57E-01	3.53E-11	1.0E+06	3.5E-05
17	0.33932	2.86E-06	9.7E-07	1.05E-03	1.01E-09	2.27E-01	1.57E-01	3.62E-11	1.0E+06	3.6E-05
18	0.34806	2.86E-06	9.9E-07	1.05E-03	1.04E-09	2.27E-01	1.57E-01	3.71E-11	1.0E+06	3.7E-05
19	0.35731	2.86E-06	1.0E-06	1.05E-03	1.07E-09	2.27E-01	1.57E-01	3.81E-11	1.0E+06	3.8E-05
20	0.36632	2.86E-06	1.0E-06	1.05E-03	1.09E-09	2.27E-01	1.57E-01	3.91E-11	1.0E+06	3.9E-05
21	0.27856	2.86E-06	8.0E-07	1.05E-03	8.32E-10	2.27E-01	1.57E-01	2.97E-11	1.0E+06	3.0E-05
22	0.28548	2.86E-06	8.2E-07	1.05E-03	8.52E-10	2.27E-01	1.57E-01	3.05E-11	1.0E+06	3.0E-05
23	0.29309	2.86E-06	8.4E-07	1.05E-03	8.75E-10	2.27E-01	1.57E-01	3.13E-11	1.0E+06	3.1E-05
24	0.30089	2.86E-06	8.6E-07	1.05E-03	8.98E-10	2.27E-01	1.57E-01	3.21E-11	1.0E+06	3.2E-05
25	0.30885	2.86E-06	8.8E-07	1.05E-03	9.22E-10	2.27E-01	1.57E-01	3.29E-11	1.0E+06	3.3E-05
26	0.31697	2.86E-06	9.1E-07	1.05E-03	9.46E-10	2.27E-01	1.57E-01	3.38E-11	1.0E+06	3.4E-05
27	0.32526	2.86E-06	9.3E-07	1.05E-03	9.71E-10	2.27E-01	1.57E-01	3.47E-11	1.0E+06	3.5E-05
28	0.33372	2.86E-06	9.5E-07	1.05E-03	9.96E-10	2.27E-01	1.57E-01	3.56E-11	1.0E+06	3.6E-05
29	0.34236	2.86E-06	9.8E-07	1.05E-03	1.02E-09	2.27E-01	1.57E-01	3.65E-11	1.0E+06	3.7E-05
30	0.35121	2.86E-06	1.0E-06	1.05E-03	1.05E-09	2.27E-01	1.57E-01	3.75E-11	1.0E+06	3.7E-05

	Max	Receptor #
Res	5.70E-05	210
Park	1.16E-05	527
Total	6.86E-05	210

Berkley WTPF
Haul3 Mitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
31	0.36028	2.86E-06	1.0E-06	1.05E-03	1.08E-09	2.27E-01	1.57E-01	3.84E-11	1.0E+06	3.8E-05
32	0.3696	2.86E-06	1.1E-06	1.05E-03	1.10E-09	2.27E-01	1.57E-01	3.94E-11	1.0E+06	3.9E-05
33	0.37917	2.86E-06	1.1E-06	1.05E-03	1.13E-09	2.27E-01	1.57E-01	4.04E-11	1.0E+06	4.0E-05
34	0.38902	2.86E-06	1.1E-06	1.05E-03	1.16E-09	2.27E-01	1.57E-01	4.15E-11	1.0E+06	4.2E-05
35	0.39916	2.86E-06	1.1E-06	1.05E-03	1.19E-09	2.27E-01	1.57E-01	4.26E-11	1.0E+06	4.3E-05
36	0.41009	2.86E-06	1.2E-06	1.05E-03	1.22E-09	2.27E-01	1.57E-01	4.37E-11	1.0E+06	4.4E-05
37	0.27859	2.86E-06	8.0E-07	1.05E-03	8.32E-10	2.27E-01	1.57E-01	2.97E-11	1.0E+06	3.0E-05
38	0.28611	2.86E-06	8.2E-07	1.05E-03	8.54E-10	2.27E-01	1.57E-01	3.05E-11	1.0E+06	3.1E-05
39	0.29399	2.86E-06	8.4E-07	1.05E-03	8.78E-10	2.27E-01	1.57E-01	3.14E-11	1.0E+06	3.1E-05
40	0.30206	2.86E-06	8.6E-07	1.05E-03	9.02E-10	2.27E-01	1.57E-01	3.22E-11	1.0E+06	3.2E-05
41	0.31031	2.86E-06	8.9E-07	1.05E-03	9.26E-10	2.27E-01	1.57E-01	3.31E-11	1.0E+06	3.3E-05
42	0.31874	2.86E-06	9.1E-07	1.05E-03	9.52E-10	2.27E-01	1.57E-01	3.40E-11	1.0E+06	3.4E-05
43	0.32735	2.86E-06	9.4E-07	1.05E-03	9.77E-10	2.27E-01	1.57E-01	3.49E-11	1.0E+06	3.5E-05
44	0.33616	2.86E-06	9.6E-07	1.05E-03	1.00E-09	2.27E-01	1.57E-01	3.59E-11	1.0E+06	3.6E-05
45	0.34516	2.86E-06	9.9E-07	1.05E-03	1.03E-09	2.27E-01	1.57E-01	3.68E-11	1.0E+06	3.7E-05
46	0.35437	2.86E-06	1.0E-06	1.05E-03	1.06E-09	2.27E-01	1.57E-01	3.78E-11	1.0E+06	3.8E-05
47	0.36382	2.86E-06	1.0E-06	1.05E-03	1.09E-09	2.27E-01	1.57E-01	3.88E-11	1.0E+06	3.9E-05
48	0.37353	2.86E-06	1.1E-06	1.05E-03	1.12E-09	2.27E-01	1.57E-01	3.98E-11	1.0E+06	4.0E-05
49	0.38351	2.86E-06	1.1E-06	1.05E-03	1.14E-09	2.27E-01	1.57E-01	4.09E-11	1.0E+06	4.1E-05
50	0.39379	2.86E-06	1.1E-06	1.05E-03	1.18E-09	2.27E-01	1.57E-01	4.20E-11	1.0E+06	4.2E-05
51	0.40438	2.86E-06	1.2E-06	1.05E-03	1.21E-09	2.27E-01	1.57E-01	4.31E-11	1.0E+06	4.3E-05
52	0.41545	2.86E-06	1.2E-06	1.05E-03	1.24E-09	2.27E-01	1.57E-01	4.43E-11	1.0E+06	4.4E-05
53	0.42708	2.86E-06	1.2E-06	1.05E-03	1.28E-09	2.27E-01	1.57E-01	4.56E-11	1.0E+06	4.6E-05
54	0.43871	2.86E-06	1.3E-06	1.05E-03	1.31E-09	2.27E-01	1.57E-01	4.68E-11	1.0E+06	4.7E-05
55	0.45108	2.86E-06	1.3E-06	1.05E-03	1.35E-09	2.27E-01	1.57E-01	4.81E-11	1.0E+06	4.8E-05
56	0.27133	2.86E-06	7.7E-07	1.05E-03	8.10E-10	2.27E-01	1.57E-01	2.89E-11	1.0E+06	2.9E-05
57	0.27868	2.86E-06	8.0E-07	1.05E-03	8.32E-10	2.27E-01	1.57E-01	2.97E-11	1.0E+06	3.0E-05
58	0.28658	2.86E-06	8.2E-07	1.05E-03	8.56E-10	2.27E-01	1.57E-01	3.06E-11	1.0E+06	3.1E-05
59	0.2947	2.86E-06	8.4E-07	1.05E-03	8.80E-10	2.27E-01	1.57E-01	3.14E-11	1.0E+06	3.1E-05
60	0.30302	2.86E-06	8.7E-07	1.05E-03	9.05E-10	2.27E-01	1.57E-01	3.23E-11	1.0E+06	3.2E-05
61	0.31155	2.86E-06	8.9E-07	1.05E-03	9.30E-10	2.27E-01	1.57E-01	3.32E-11	1.0E+06	3.3E-05

Berkley WTPF
Haul3 Mitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
62	0.32029	2.86E-06	9.1E-07	1.05E-03	9.56E-10	2.27E-01	1.57E-01	3.42E-11	1.0E+06	3.4E-05
63	0.32922	2.86E-06	9.4E-07	1.05E-03	9.83E-10	2.27E-01	1.57E-01	3.51E-11	1.0E+06	3.5E-05
64	0.33837	2.86E-06	9.7E-07	1.05E-03	1.01E-09	2.27E-01	1.57E-01	3.61E-11	1.0E+06	3.6E-05
65	0.34773	2.86E-06	9.9E-07	1.05E-03	1.04E-09	2.27E-01	1.57E-01	3.71E-11	1.0E+06	3.7E-05
66	0.35731	2.86E-06	1.0E-06	1.05E-03	1.07E-09	2.27E-01	1.57E-01	3.81E-11	1.0E+06	3.8E-05
67	0.36715	2.86E-06	1.0E-06	1.05E-03	1.10E-09	2.27E-01	1.57E-01	3.92E-11	1.0E+06	3.9E-05
68	0.37724	2.86E-06	1.1E-06	1.05E-03	1.13E-09	2.27E-01	1.57E-01	4.02E-11	1.0E+06	4.0E-05
69	0.38763	2.86E-06	1.1E-06	1.05E-03	1.16E-09	2.27E-01	1.57E-01	4.14E-11	1.0E+06	4.1E-05
70	0.39834	2.86E-06	1.1E-06	1.05E-03	1.19E-09	2.27E-01	1.57E-01	4.25E-11	1.0E+06	4.2E-05
71	0.40938	2.86E-06	1.2E-06	1.05E-03	1.22E-09	2.27E-01	1.57E-01	4.37E-11	1.0E+06	4.4E-05
72	0.42078	2.86E-06	1.2E-06	1.05E-03	1.26E-09	2.27E-01	1.57E-01	4.49E-11	1.0E+06	4.5E-05
73	0.43255	2.86E-06	1.2E-06	1.05E-03	1.29E-09	2.27E-01	1.57E-01	4.61E-11	1.0E+06	4.6E-05
74	0.44471	2.86E-06	1.3E-06	1.05E-03	1.33E-09	2.27E-01	1.57E-01	4.74E-11	1.0E+06	4.7E-05
75	0.45764	2.86E-06	1.3E-06	1.05E-03	1.37E-09	2.27E-01	1.57E-01	4.88E-11	1.0E+06	4.9E-05
76	0.27132	2.86E-06	7.7E-07	1.05E-03	8.10E-10	2.27E-01	1.57E-01	2.89E-11	1.0E+06	2.9E-05
77	0.27883	2.86E-06	8.0E-07	1.05E-03	8.32E-10	2.27E-01	1.57E-01	2.97E-11	1.0E+06	3.0E-05
78	0.28691	2.86E-06	8.2E-07	1.05E-03	8.57E-10	2.27E-01	1.57E-01	3.06E-11	1.0E+06	3.1E-05
79	0.29524	2.86E-06	8.4E-07	1.05E-03	8.81E-10	2.27E-01	1.57E-01	3.15E-11	1.0E+06	3.1E-05
80	0.3038	2.86E-06	8.7E-07	1.05E-03	9.07E-10	2.27E-01	1.57E-01	3.24E-11	1.0E+06	3.2E-05
81	0.3126	2.86E-06	8.9E-07	1.05E-03	9.33E-10	2.27E-01	1.57E-01	3.33E-11	1.0E+06	3.3E-05
82	0.32162	2.86E-06	9.2E-07	1.05E-03	9.60E-10	2.27E-01	1.57E-01	3.43E-11	1.0E+06	3.4E-05
83	0.33088	2.86E-06	9.5E-07	1.05E-03	9.88E-10	2.27E-01	1.57E-01	3.53E-11	1.0E+06	3.5E-05
84	0.34036	2.86E-06	9.7E-07	1.05E-03	1.02E-09	2.27E-01	1.57E-01	3.63E-11	1.0E+06	3.6E-05
85	0.35008	2.86E-06	1.0E-06	1.05E-03	1.05E-09	2.27E-01	1.57E-01	3.73E-11	1.0E+06	3.7E-05
86	0.36004	2.86E-06	1.0E-06	1.05E-03	1.07E-09	2.27E-01	1.57E-01	3.84E-11	1.0E+06	3.8E-05
87	0.37026	2.86E-06	1.1E-06	1.05E-03	1.11E-09	2.27E-01	1.57E-01	3.95E-11	1.0E+06	3.9E-05
88	0.38076	2.86E-06	1.1E-06	1.05E-03	1.14E-09	2.27E-01	1.57E-01	4.06E-11	1.0E+06	4.1E-05
89	0.39157	2.86E-06	1.1E-06	1.05E-03	1.17E-09	2.27E-01	1.57E-01	4.18E-11	1.0E+06	4.2E-05
90	0.4027	2.86E-06	1.2E-06	1.05E-03	1.20E-09	2.27E-01	1.57E-01	4.30E-11	1.0E+06	4.3E-05
91	0.4142	2.86E-06	1.2E-06	1.05E-03	1.24E-09	2.27E-01	1.57E-01	4.42E-11	1.0E+06	4.4E-05
92	0.42607	2.86E-06	1.2E-06	1.05E-03	1.27E-09	2.27E-01	1.57E-01	4.55E-11	1.0E+06	4.5E-05

Berkley WTPF
Haul3 Mitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
93	0.43836	2.86E-06	1.3E-06	1.05E-03	1.31E-09	2.27E-01	1.57E-01	4.68E-11	1.0E+06	4.7E-05
94	0.45106	2.86E-06	1.3E-06	1.05E-03	1.35E-09	2.27E-01	1.57E-01	4.81E-11	1.0E+06	4.8E-05
95	0.4642	2.86E-06	1.3E-06	1.05E-03	1.39E-09	2.27E-01	1.57E-01	4.95E-11	1.0E+06	5.0E-05
96	0.47778	2.86E-06	1.4E-06	1.05E-03	1.43E-09	2.27E-01	1.57E-01	5.10E-11	1.0E+06	5.1E-05
97	0.49179	2.86E-06	1.4E-06	1.05E-03	1.47E-09	2.27E-01	1.57E-01	5.25E-11	1.0E+06	5.2E-05
98	0.2712	2.86E-06	7.7E-07	1.05E-03	8.10E-10	2.27E-01	1.57E-01	2.89E-11	1.0E+06	2.9E-05
99	0.27886	2.86E-06	8.0E-07	1.05E-03	8.33E-10	2.27E-01	1.57E-01	2.97E-11	1.0E+06	3.0E-05
100	0.28711	2.86E-06	8.2E-07	1.05E-03	8.57E-10	2.27E-01	1.57E-01	3.06E-11	1.0E+06	3.1E-05
101	0.29563	2.86E-06	8.4E-07	1.05E-03	8.83E-10	2.27E-01	1.57E-01	3.15E-11	1.0E+06	3.2E-05
102	0.30441	2.86E-06	8.7E-07	1.05E-03	9.09E-10	2.27E-01	1.57E-01	3.25E-11	1.0E+06	3.2E-05
103	0.31346	2.86E-06	9.0E-07	1.05E-03	9.36E-10	2.27E-01	1.57E-01	3.34E-11	1.0E+06	3.3E-05
104	0.32277	2.86E-06	9.2E-07	1.05E-03	9.64E-10	2.27E-01	1.57E-01	3.44E-11	1.0E+06	3.4E-05
105	0.33233	2.86E-06	9.5E-07	1.05E-03	9.92E-10	2.27E-01	1.57E-01	3.55E-11	1.0E+06	3.5E-05
106	0.34214	2.86E-06	9.8E-07	1.05E-03	1.02E-09	2.27E-01	1.57E-01	3.65E-11	1.0E+06	3.6E-05
107	0.35222	2.86E-06	1.0E-06	1.05E-03	1.05E-09	2.27E-01	1.57E-01	3.76E-11	1.0E+06	3.8E-05
108	0.36256	2.86E-06	1.0E-06	1.05E-03	1.08E-09	2.27E-01	1.57E-01	3.87E-11	1.0E+06	3.9E-05
109	0.37317	2.86E-06	1.1E-06	1.05E-03	1.11E-09	2.27E-01	1.57E-01	3.98E-11	1.0E+06	4.0E-05
110	0.38409	2.86E-06	1.1E-06	1.05E-03	1.15E-09	2.27E-01	1.57E-01	4.10E-11	1.0E+06	4.1E-05
111	0.39532	2.86E-06	1.1E-06	1.05E-03	1.18E-09	2.27E-01	1.57E-01	4.22E-11	1.0E+06	4.2E-05
112	0.40689	2.86E-06	1.2E-06	1.05E-03	1.21E-09	2.27E-01	1.57E-01	4.34E-11	1.0E+06	4.3E-05
113	0.41884	2.86E-06	1.2E-06	1.05E-03	1.25E-09	2.27E-01	1.57E-01	4.47E-11	1.0E+06	4.5E-05
114	0.4312	2.86E-06	1.2E-06	1.05E-03	1.29E-09	2.27E-01	1.57E-01	4.60E-11	1.0E+06	4.6E-05
115	0.444	2.86E-06	1.3E-06	1.05E-03	1.33E-09	2.27E-01	1.57E-01	4.74E-11	1.0E+06	4.7E-05
116	0.45725	2.86E-06	1.3E-06	1.05E-03	1.37E-09	2.27E-01	1.57E-01	4.88E-11	1.0E+06	4.9E-05
117	0.47098	2.86E-06	1.3E-06	1.05E-03	1.41E-09	2.27E-01	1.57E-01	5.02E-11	1.0E+06	5.0E-05
118	0.48521	2.86E-06	1.4E-06	1.05E-03	1.45E-09	2.27E-01	1.57E-01	5.18E-11	1.0E+06	5.2E-05
119	0.49994	2.86E-06	1.4E-06	1.05E-03	1.49E-09	2.27E-01	1.57E-01	5.33E-11	1.0E+06	5.3E-05
120	0.51575	2.86E-06	1.5E-06	1.05E-03	1.54E-09	2.27E-01	1.57E-01	5.50E-11	1.0E+06	5.5E-05
121	0.2636	2.86E-06	7.5E-07	1.05E-03	7.87E-10	2.27E-01	1.57E-01	2.81E-11	1.0E+06	2.8E-05
122	0.27099	2.86E-06	7.7E-07	1.05E-03	8.09E-10	2.27E-01	1.57E-01	2.89E-11	1.0E+06	2.9E-05
123	0.27878	2.86E-06	8.0E-07	1.05E-03	8.32E-10	2.27E-01	1.57E-01	2.97E-11	1.0E+06	3.0E-05

Berkley WTPF
Haul3 Mitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
124	0.28718	2.86E-06	8.2E-07	1.05E-03	8.57E-10	2.27E-01	1.57E-01	3.06E-11	1.0E+06	3.1E-05
125	0.29588	2.86E-06	8.5E-07	1.05E-03	8.83E-10	2.27E-01	1.57E-01	3.16E-11	1.0E+06	3.2E-05
126	0.30487	2.86E-06	8.7E-07	1.05E-03	9.10E-10	2.27E-01	1.57E-01	3.25E-11	1.0E+06	3.3E-05
127	0.31415	2.86E-06	9.0E-07	1.05E-03	9.38E-10	2.27E-01	1.57E-01	3.35E-11	1.0E+06	3.4E-05
128	0.32372	2.86E-06	9.2E-07	1.05E-03	9.66E-10	2.27E-01	1.57E-01	3.45E-11	1.0E+06	3.5E-05
129	0.33358	2.86E-06	9.5E-07	1.05E-03	9.96E-10	2.27E-01	1.57E-01	3.56E-11	1.0E+06	3.6E-05
130	0.34372	2.86E-06	9.8E-07	1.05E-03	1.03E-09	2.27E-01	1.57E-01	3.67E-11	1.0E+06	3.7E-05
131	0.35415	2.86E-06	1.0E-06	1.05E-03	1.06E-09	2.27E-01	1.57E-01	3.78E-11	1.0E+06	3.8E-05
132	0.36487	2.86E-06	1.0E-06	1.05E-03	1.09E-09	2.27E-01	1.57E-01	3.89E-11	1.0E+06	3.9E-05
133	0.37589	2.86E-06	1.1E-06	1.05E-03	1.12E-09	2.27E-01	1.57E-01	4.01E-11	1.0E+06	4.0E-05
134	0.38722	2.86E-06	1.1E-06	1.05E-03	1.16E-09	2.27E-01	1.57E-01	4.13E-11	1.0E+06	4.1E-05
135	0.39889	2.86E-06	1.1E-06	1.05E-03	1.19E-09	2.27E-01	1.57E-01	4.26E-11	1.0E+06	4.3E-05
136	0.41092	2.86E-06	1.2E-06	1.05E-03	1.23E-09	2.27E-01	1.57E-01	4.38E-11	1.0E+06	4.4E-05
137	0.42334	2.86E-06	1.2E-06	1.05E-03	1.26E-09	2.27E-01	1.57E-01	4.52E-11	1.0E+06	4.5E-05
138	0.43618	2.86E-06	1.2E-06	1.05E-03	1.30E-09	2.27E-01	1.57E-01	4.65E-11	1.0E+06	4.7E-05
139	0.44949	2.86E-06	1.3E-06	1.05E-03	1.34E-09	2.27E-01	1.57E-01	4.80E-11	1.0E+06	4.8E-05
140	0.46329	2.86E-06	1.3E-06	1.05E-03	1.38E-09	2.27E-01	1.57E-01	4.94E-11	1.0E+06	4.9E-05
141	0.47762	2.86E-06	1.4E-06	1.05E-03	1.43E-09	2.27E-01	1.57E-01	5.10E-11	1.0E+06	5.1E-05
142	0.49249	2.86E-06	1.4E-06	1.05E-03	1.47E-09	2.27E-01	1.57E-01	5.25E-11	1.0E+06	5.3E-05
143	0.50793	2.86E-06	1.5E-06	1.05E-03	1.52E-09	2.27E-01	1.57E-01	5.42E-11	1.0E+06	5.4E-05
144	0.52503	2.86E-06	1.5E-06	1.05E-03	1.57E-09	2.27E-01	1.57E-01	5.60E-11	1.0E+06	5.6E-05
145	0.26318	2.86E-06	7.5E-07	1.05E-03	7.86E-10	2.27E-01	1.57E-01	2.81E-11	1.0E+06	2.8E-05
146	0.27068	2.86E-06	7.7E-07	1.05E-03	8.08E-10	2.27E-01	1.57E-01	2.89E-11	1.0E+06	2.9E-05
147	0.27859	2.86E-06	8.0E-07	1.05E-03	8.32E-10	2.27E-01	1.57E-01	2.97E-11	1.0E+06	3.0E-05
148	0.28713	2.86E-06	8.2E-07	1.05E-03	8.57E-10	2.27E-01	1.57E-01	3.06E-11	1.0E+06	3.1E-05
149	0.29599	2.86E-06	8.5E-07	1.05E-03	8.84E-10	2.27E-01	1.57E-01	3.16E-11	1.0E+06	3.2E-05
150	0.30517	2.86E-06	8.7E-07	1.05E-03	9.11E-10	2.27E-01	1.57E-01	3.26E-11	1.0E+06	3.3E-05
151	0.31466	2.86E-06	9.0E-07	1.05E-03	9.39E-10	2.27E-01	1.57E-01	3.36E-11	1.0E+06	3.4E-05
152	0.32448	2.86E-06	9.3E-07	1.05E-03	9.69E-10	2.27E-01	1.57E-01	3.46E-11	1.0E+06	3.5E-05
153	0.33462	2.86E-06	9.6E-07	1.05E-03	9.99E-10	2.27E-01	1.57E-01	3.57E-11	1.0E+06	3.6E-05
154	0.34508	2.86E-06	9.9E-07	1.05E-03	1.03E-09	2.27E-01	1.57E-01	3.68E-11	1.0E+06	3.7E-05

Berkley WTPF
Haul3 Mitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
155	0.35586	2.86E-06	1.0E-06	1.05E-03	1.06E-09	2.27E-01	1.57E-01	3.80E-11	1.0E+06	3.8E-05
156	0.36695	2.86E-06	1.0E-06	1.05E-03	1.10E-09	2.27E-01	1.57E-01	3.91E-11	1.0E+06	3.9E-05
157	0.37838	2.86E-06	1.1E-06	1.05E-03	1.13E-09	2.27E-01	1.57E-01	4.04E-11	1.0E+06	4.0E-05
158	0.39014	2.86E-06	1.1E-06	1.05E-03	1.16E-09	2.27E-01	1.57E-01	4.16E-11	1.0E+06	4.2E-05
159	0.40226	2.86E-06	1.1E-06	1.05E-03	1.20E-09	2.27E-01	1.57E-01	4.29E-11	1.0E+06	4.3E-05
160	0.41475	2.86E-06	1.2E-06	1.05E-03	1.24E-09	2.27E-01	1.57E-01	4.42E-11	1.0E+06	4.4E-05
161	0.42766	2.86E-06	1.2E-06	1.05E-03	1.28E-09	2.27E-01	1.57E-01	4.56E-11	1.0E+06	4.6E-05
162	0.44101	2.86E-06	1.3E-06	1.05E-03	1.32E-09	2.27E-01	1.57E-01	4.70E-11	1.0E+06	4.7E-05
163	0.45485	2.86E-06	1.3E-06	1.05E-03	1.36E-09	2.27E-01	1.57E-01	4.85E-11	1.0E+06	4.9E-05
164	0.46921	2.86E-06	1.3E-06	1.05E-03	1.40E-09	2.27E-01	1.57E-01	5.01E-11	1.0E+06	5.0E-05
165	0.48413	2.86E-06	1.4E-06	1.05E-03	1.45E-09	2.27E-01	1.57E-01	5.16E-11	1.0E+06	5.2E-05
166	0.49964	2.86E-06	1.4E-06	1.05E-03	1.49E-09	2.27E-01	1.57E-01	5.33E-11	1.0E+06	5.3E-05
167	0.51594	2.86E-06	1.5E-06	1.05E-03	1.54E-09	2.27E-01	1.57E-01	5.50E-11	1.0E+06	5.5E-05
168	0.26267	2.86E-06	7.5E-07	1.05E-03	7.84E-10	2.27E-01	1.57E-01	2.80E-11	1.0E+06	2.8E-05
169	0.27026	2.86E-06	7.7E-07	1.05E-03	8.07E-10	2.27E-01	1.57E-01	2.88E-11	1.0E+06	2.9E-05
170	0.27827	2.86E-06	7.9E-07	1.05E-03	8.31E-10	2.27E-01	1.57E-01	2.97E-11	1.0E+06	3.0E-05
171	0.28694	2.86E-06	8.2E-07	1.05E-03	8.57E-10	2.27E-01	1.57E-01	3.06E-11	1.0E+06	3.1E-05
172	0.29594	2.86E-06	8.5E-07	1.05E-03	8.84E-10	2.27E-01	1.57E-01	3.16E-11	1.0E+06	3.2E-05
173	0.30529	2.86E-06	8.7E-07	1.05E-03	9.11E-10	2.27E-01	1.57E-01	3.26E-11	1.0E+06	3.3E-05
174	0.31499	2.86E-06	9.0E-07	1.05E-03	9.40E-10	2.27E-01	1.57E-01	3.36E-11	1.0E+06	3.4E-05
175	0.32504	2.86E-06	9.3E-07	1.05E-03	9.70E-10	2.27E-01	1.57E-01	3.47E-11	1.0E+06	3.5E-05
176	0.33544	2.86E-06	9.6E-07	1.05E-03	1.00E-09	2.27E-01	1.57E-01	3.58E-11	1.0E+06	3.6E-05
177	0.3462	2.86E-06	9.9E-07	1.05E-03	1.03E-09	2.27E-01	1.57E-01	3.69E-11	1.0E+06	3.7E-05
178	0.35731	2.86E-06	1.0E-06	1.05E-03	1.07E-09	2.27E-01	1.57E-01	3.81E-11	1.0E+06	3.8E-05
179	0.36878	2.86E-06	1.1E-06	1.05E-03	1.10E-09	2.27E-01	1.57E-01	3.93E-11	1.0E+06	3.9E-05
180	0.38061	2.86E-06	1.1E-06	1.05E-03	1.14E-09	2.27E-01	1.57E-01	4.06E-11	1.0E+06	4.1E-05
181	0.39281	2.86E-06	1.1E-06	1.05E-03	1.17E-09	2.27E-01	1.57E-01	4.19E-11	1.0E+06	4.2E-05
182	0.40539	2.86E-06	1.2E-06	1.05E-03	1.21E-09	2.27E-01	1.57E-01	4.32E-11	1.0E+06	4.3E-05
183	0.41837	2.86E-06	1.2E-06	1.05E-03	1.25E-09	2.27E-01	1.57E-01	4.46E-11	1.0E+06	4.5E-05
184	0.43178	2.86E-06	1.2E-06	1.05E-03	1.29E-09	2.27E-01	1.57E-01	4.61E-11	1.0E+06	4.6E-05
185	0.44566	2.86E-06	1.3E-06	1.05E-03	1.33E-09	2.27E-01	1.57E-01	4.75E-11	1.0E+06	4.8E-05

Berkley WTPF
Haul3 Mitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
186	0.46004	2.86E-06	1.3E-06	1.05E-03	1.37E-09	2.27E-01	1.57E-01	4.91E-11	1.0E+06	4.9E-05
187	0.47497	2.86E-06	1.4E-06	1.05E-03	1.42E-09	2.27E-01	1.57E-01	5.07E-11	1.0E+06	5.1E-05
188	0.4905	2.86E-06	1.4E-06	1.05E-03	1.46E-09	2.27E-01	1.57E-01	5.23E-11	1.0E+06	5.2E-05
189	0.50666	2.86E-06	1.4E-06	1.05E-03	1.51E-09	2.27E-01	1.57E-01	5.41E-11	1.0E+06	5.4E-05
190	0.52572	2.86E-06	1.5E-06	1.05E-03	1.57E-09	2.27E-01	1.57E-01	5.61E-11	1.0E+06	5.6E-05
191	0.26176	2.86E-06	7.5E-07	1.05E-03	7.81E-10	2.27E-01	1.57E-01	2.79E-11	1.0E+06	2.8E-05
192	0.26957	2.86E-06	7.7E-07	1.05E-03	8.05E-10	2.27E-01	1.57E-01	2.88E-11	1.0E+06	2.9E-05
193	0.2778	2.86E-06	7.9E-07	1.05E-03	8.29E-10	2.27E-01	1.57E-01	2.96E-11	1.0E+06	3.0E-05
194	0.28659	2.86E-06	8.2E-07	1.05E-03	8.56E-10	2.27E-01	1.57E-01	3.06E-11	1.0E+06	3.1E-05
195	0.29572	2.86E-06	8.4E-07	1.05E-03	8.83E-10	2.27E-01	1.57E-01	3.15E-11	1.0E+06	3.2E-05
196	0.30523	2.86E-06	8.7E-07	1.05E-03	9.11E-10	2.27E-01	1.57E-01	3.26E-11	1.0E+06	3.3E-05
197	0.31511	2.86E-06	9.0E-07	1.05E-03	9.41E-10	2.27E-01	1.57E-01	3.36E-11	1.0E+06	3.4E-05
198	0.32537	2.86E-06	9.3E-07	1.05E-03	9.71E-10	2.27E-01	1.57E-01	3.47E-11	1.0E+06	3.5E-05
199	0.33602	2.86E-06	9.6E-07	1.05E-03	1.00E-09	2.27E-01	1.57E-01	3.58E-11	1.0E+06	3.6E-05
200	0.34706	2.86E-06	9.9E-07	1.05E-03	1.04E-09	2.27E-01	1.57E-01	3.70E-11	1.0E+06	3.7E-05
201	0.39517	2.86E-06	1.1E-06	1.05E-03	1.18E-09	2.27E-01	1.57E-01	4.22E-11	1.0E+06	4.2E-05
202	0.40822	2.86E-06	1.2E-06	1.05E-03	1.22E-09	2.27E-01	1.57E-01	4.35E-11	1.0E+06	4.4E-05
203	0.4217	2.86E-06	1.2E-06	1.05E-03	1.26E-09	2.27E-01	1.57E-01	4.50E-11	1.0E+06	4.5E-05
204	0.43563	2.86E-06	1.2E-06	1.05E-03	1.30E-09	2.27E-01	1.57E-01	4.65E-11	1.0E+06	4.6E-05
205	0.45005	2.86E-06	1.3E-06	1.05E-03	1.34E-09	2.27E-01	1.57E-01	4.80E-11	1.0E+06	4.8E-05
206	0.465	2.86E-06	1.3E-06	1.05E-03	1.39E-09	2.27E-01	1.57E-01	4.96E-11	1.0E+06	5.0E-05
207	0.48053	2.86E-06	1.4E-06	1.05E-03	1.43E-09	2.27E-01	1.57E-01	5.13E-11	1.0E+06	5.1E-05
208	0.49668	2.86E-06	1.4E-06	1.05E-03	1.48E-09	2.27E-01	1.57E-01	5.30E-11	1.0E+06	5.3E-05
209	0.51351	2.86E-06	1.5E-06	1.05E-03	1.53E-09	2.27E-01	1.57E-01	5.48E-11	1.0E+06	5.5E-05
210	0.53404	2.86E-06	1.5E-06	1.05E-03	1.59E-09	2.27E-01	1.57E-01	5.70E-11	1.0E+06	5.7E-05
211	0.26049	2.86E-06	7.4E-07	1.05E-03	7.78E-10	2.27E-01	1.57E-01	2.78E-11	1.0E+06	2.8E-05
212	0.26864	2.86E-06	7.7E-07	1.05E-03	8.02E-10	2.27E-01	1.57E-01	2.87E-11	1.0E+06	2.9E-05
213	0.27716	2.86E-06	7.9E-07	1.05E-03	8.27E-10	2.27E-01	1.57E-01	2.96E-11	1.0E+06	3.0E-05
214	0.28604	2.86E-06	8.2E-07	1.05E-03	8.54E-10	2.27E-01	1.57E-01	3.05E-11	1.0E+06	3.1E-05
215	0.2953	2.86E-06	8.4E-07	1.05E-03	8.82E-10	2.27E-01	1.57E-01	3.15E-11	1.0E+06	3.2E-05
216	0.30494	2.86E-06	8.7E-07	1.05E-03	9.10E-10	2.27E-01	1.57E-01	3.25E-11	1.0E+06	3.3E-05

Berkley WTPF
Haul3 Mitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
217	0.31499	2.86E-06	9.0E-07	1.05E-03	9.40E-10	2.27E-01	1.57E-01	3.36E-11	1.0E+06	3.4E-05
218	0.32544	2.86E-06	9.3E-07	1.05E-03	9.72E-10	2.27E-01	1.57E-01	3.47E-11	1.0E+06	3.5E-05
219	0.33631	2.86E-06	9.6E-07	1.05E-03	1.00E-09	2.27E-01	1.57E-01	3.59E-11	1.0E+06	3.6E-05
220	0.42466	2.86E-06	1.2E-06	1.05E-03	1.27E-09	2.27E-01	1.57E-01	4.53E-11	1.0E+06	4.5E-05
221	0.43913	2.86E-06	1.3E-06	1.05E-03	1.31E-09	2.27E-01	1.57E-01	4.68E-11	1.0E+06	4.7E-05
222	0.45411	2.86E-06	1.3E-06	1.05E-03	1.36E-09	2.27E-01	1.57E-01	4.84E-11	1.0E+06	4.8E-05
223	0.46965	2.86E-06	1.3E-06	1.05E-03	1.40E-09	2.27E-01	1.57E-01	5.01E-11	1.0E+06	5.0E-05
224	0.48579	2.86E-06	1.4E-06	1.05E-03	1.45E-09	2.27E-01	1.57E-01	5.18E-11	1.0E+06	5.2E-05
225	0.50262	2.86E-06	1.4E-06	1.05E-03	1.50E-09	2.27E-01	1.57E-01	5.36E-11	1.0E+06	5.4E-05
226	0.52024	2.86E-06	1.5E-06	1.05E-03	1.55E-09	2.27E-01	1.57E-01	5.55E-11	1.0E+06	5.5E-05
227	0.25173	2.86E-06	7.2E-07	1.05E-03	7.52E-10	2.27E-01	1.57E-01	2.69E-11	1.0E+06	2.7E-05
228	0.25948	2.86E-06	7.4E-07	1.05E-03	7.75E-10	2.27E-01	1.57E-01	2.77E-11	1.0E+06	2.8E-05
229	0.26772	2.86E-06	7.6E-07	1.05E-03	7.99E-10	2.27E-01	1.57E-01	2.86E-11	1.0E+06	2.9E-05
230	0.27631	2.86E-06	7.9E-07	1.05E-03	8.25E-10	2.27E-01	1.57E-01	2.95E-11	1.0E+06	2.9E-05
231	0.28529	2.86E-06	8.1E-07	1.05E-03	8.52E-10	2.27E-01	1.57E-01	3.04E-11	1.0E+06	3.0E-05
232	0.29464	2.86E-06	8.4E-07	1.05E-03	8.80E-10	2.27E-01	1.57E-01	3.14E-11	1.0E+06	3.1E-05
233	0.30441	2.86E-06	8.7E-07	1.05E-03	9.09E-10	2.27E-01	1.57E-01	3.25E-11	1.0E+06	3.2E-05
234	0.3146	2.86E-06	9.0E-07	1.05E-03	9.39E-10	2.27E-01	1.57E-01	3.36E-11	1.0E+06	3.4E-05
235	0.32522	2.86E-06	9.3E-07	1.05E-03	9.71E-10	2.27E-01	1.57E-01	3.47E-11	1.0E+06	3.5E-05
236	0.33629	2.86E-06	9.6E-07	1.05E-03	1.00E-09	2.27E-01	1.57E-01	3.59E-11	1.0E+06	3.6E-05
237	0.41271	2.86E-06	1.2E-06	1.05E-03	1.23E-09	2.27E-01	1.57E-01	4.40E-11	1.0E+06	4.4E-05
238	0.42718	2.86E-06	1.2E-06	1.05E-03	1.28E-09	2.27E-01	1.57E-01	4.56E-11	1.0E+06	4.6E-05
239	0.44218	2.86E-06	1.3E-06	1.05E-03	1.32E-09	2.27E-01	1.57E-01	4.72E-11	1.0E+06	4.7E-05
240	0.45774	2.86E-06	1.3E-06	1.05E-03	1.37E-09	2.27E-01	1.57E-01	4.88E-11	1.0E+06	4.9E-05
241	0.47388	2.86E-06	1.4E-06	1.05E-03	1.41E-09	2.27E-01	1.57E-01	5.06E-11	1.0E+06	5.1E-05
242	0.49066	2.86E-06	1.4E-06	1.05E-03	1.46E-09	2.27E-01	1.57E-01	5.23E-11	1.0E+06	5.2E-05
243	0.50865	2.86E-06	1.5E-06	1.05E-03	1.52E-09	2.27E-01	1.57E-01	5.43E-11	1.0E+06	5.4E-05
244	0.52806	2.86E-06	1.5E-06	1.05E-03	1.58E-09	2.27E-01	1.57E-01	5.63E-11	1.0E+06	5.6E-05
245	0.26658	2.86E-06	7.6E-07	1.05E-03	7.96E-10	2.27E-01	1.57E-01	2.84E-11	1.0E+06	2.8E-05
246	0.27524	2.86E-06	7.9E-07	1.05E-03	8.22E-10	2.27E-01	1.57E-01	2.94E-11	1.0E+06	2.9E-05
247	0.28428	2.86E-06	8.1E-07	1.05E-03	8.49E-10	2.27E-01	1.57E-01	3.03E-11	1.0E+06	3.0E-05

Berkley WTPF
Haul3 Mitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
248	0.29373	2.86E-06	8.4E-07	1.05E-03	8.77E-10	2.27E-01	1.57E-01	3.13E-11	1.0E+06	3.1E-05
249	0.3036	2.86E-06	8.7E-07	1.05E-03	9.06E-10	2.27E-01	1.57E-01	3.24E-11	1.0E+06	3.2E-05
250	0.31391	2.86E-06	9.0E-07	1.05E-03	9.37E-10	2.27E-01	1.57E-01	3.35E-11	1.0E+06	3.3E-05
251	0.32468	2.86E-06	9.3E-07	1.05E-03	9.69E-10	2.27E-01	1.57E-01	3.46E-11	1.0E+06	3.5E-05
252	0.33593	2.86E-06	9.6E-07	1.05E-03	1.00E-09	2.27E-01	1.57E-01	3.58E-11	1.0E+06	3.6E-05
253	0.41422	2.86E-06	1.2E-06	1.05E-03	1.24E-09	2.27E-01	1.57E-01	4.42E-11	1.0E+06	4.4E-05
254	0.42917	2.86E-06	1.2E-06	1.05E-03	1.28E-09	2.27E-01	1.57E-01	4.58E-11	1.0E+06	4.6E-05
255	0.4447	2.86E-06	1.3E-06	1.05E-03	1.33E-09	2.27E-01	1.57E-01	4.74E-11	1.0E+06	4.7E-05
256	0.46083	2.86E-06	1.3E-06	1.05E-03	1.38E-09	2.27E-01	1.57E-01	4.92E-11	1.0E+06	4.9E-05
257	0.47758	2.86E-06	1.4E-06	1.05E-03	1.43E-09	2.27E-01	1.57E-01	5.09E-11	1.0E+06	5.1E-05
258	0.49501	2.86E-06	1.4E-06	1.05E-03	1.48E-09	2.27E-01	1.57E-01	5.28E-11	1.0E+06	5.3E-05
259	0.51416	2.86E-06	1.5E-06	1.05E-03	1.53E-09	2.27E-01	1.57E-01	5.49E-11	1.0E+06	5.5E-05
260	0.3129	2.86E-06	8.9E-07	1.05E-03	9.34E-10	2.27E-01	1.57E-01	3.34E-11	1.0E+06	3.3E-05
261	0.3238	2.86E-06	9.2E-07	1.05E-03	9.67E-10	2.27E-01	1.57E-01	3.45E-11	1.0E+06	3.5E-05
262	0.40038	2.86E-06	1.1E-06	1.05E-03	1.20E-09	2.27E-01	1.57E-01	4.27E-11	1.0E+06	4.3E-05
263	0.41517	2.86E-06	1.2E-06	1.05E-03	1.24E-09	2.27E-01	1.57E-01	4.43E-11	1.0E+06	4.4E-05
264	0.43058	2.86E-06	1.2E-06	1.05E-03	1.29E-09	2.27E-01	1.57E-01	4.59E-11	1.0E+06	4.6E-05
265	0.44661	2.86E-06	1.3E-06	1.05E-03	1.33E-09	2.27E-01	1.57E-01	4.76E-11	1.0E+06	4.8E-05
266	0.4633	2.86E-06	1.3E-06	1.05E-03	1.38E-09	2.27E-01	1.57E-01	4.94E-11	1.0E+06	4.9E-05
267	0.48066	2.86E-06	1.4E-06	1.05E-03	1.43E-09	2.27E-01	1.57E-01	5.13E-11	1.0E+06	5.1E-05
268	0.49881	2.86E-06	1.4E-06	1.05E-03	1.49E-09	2.27E-01	1.57E-01	5.32E-11	1.0E+06	5.3E-05
269	0.51908	2.86E-06	1.5E-06	1.05E-03	1.55E-09	2.27E-01	1.57E-01	5.54E-11	1.0E+06	5.5E-05
270	0.40038	2.86E-06	1.1E-06	1.05E-03	1.20E-09	2.27E-01	1.57E-01	4.27E-11	1.0E+06	4.3E-05
271	0.41552	2.86E-06	1.2E-06	1.05E-03	1.24E-09	2.27E-01	1.57E-01	4.43E-11	1.0E+06	4.4E-05
272	0.43134	2.86E-06	1.2E-06	1.05E-03	1.29E-09	2.27E-01	1.57E-01	4.60E-11	1.0E+06	4.6E-05
273	0.44785	2.86E-06	1.3E-06	1.05E-03	1.34E-09	2.27E-01	1.57E-01	4.78E-11	1.0E+06	4.8E-05
274	0.46507	2.86E-06	1.3E-06	1.05E-03	1.39E-09	2.27E-01	1.57E-01	4.96E-11	1.0E+06	5.0E-05
275	0.48302	2.86E-06	1.4E-06	1.05E-03	1.44E-09	2.27E-01	1.57E-01	5.15E-11	1.0E+06	5.2E-05
276	0.50281	2.86E-06	1.4E-06	1.05E-03	1.50E-09	2.27E-01	1.57E-01	5.36E-11	1.0E+06	5.4E-05
277	0.22425	2.86E-06	6.4E-07	1.05E-03	6.69E-10	2.27E-01	1.57E-01	2.39E-11	1.0E+06	2.4E-05
278	0.23085	2.86E-06	6.6E-07	1.05E-03	6.89E-10	2.27E-01	1.57E-01	2.46E-11	1.0E+06	2.5E-05

Berkley WTPF
Haul3 Mitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
279	0.23804	2.86E-06	6.8E-07	1.05E-03	7.11E-10	2.27E-01	1.57E-01	2.54E-11	1.0E+06	2.5E-05
280	0.24559	2.86E-06	7.0E-07	1.05E-03	7.33E-10	2.27E-01	1.57E-01	2.62E-11	1.0E+06	2.6E-05
281	0.25351	2.86E-06	7.2E-07	1.05E-03	7.57E-10	2.27E-01	1.57E-01	2.70E-11	1.0E+06	2.7E-05
282	0.38503	2.86E-06	1.1E-06	1.05E-03	1.15E-09	2.27E-01	1.57E-01	4.11E-11	1.0E+06	4.1E-05
283	0.39979	2.86E-06	1.1E-06	1.05E-03	1.19E-09	2.27E-01	1.57E-01	4.26E-11	1.0E+06	4.3E-05
284	0.41525	2.86E-06	1.2E-06	1.05E-03	1.24E-09	2.27E-01	1.57E-01	4.43E-11	1.0E+06	4.4E-05
285	0.43144	2.86E-06	1.2E-06	1.05E-03	1.29E-09	2.27E-01	1.57E-01	4.60E-11	1.0E+06	4.6E-05
286	0.44839	2.86E-06	1.3E-06	1.05E-03	1.34E-09	2.27E-01	1.57E-01	4.78E-11	1.0E+06	4.8E-05
287	0.4661	2.86E-06	1.3E-06	1.05E-03	1.39E-09	2.27E-01	1.57E-01	4.97E-11	1.0E+06	5.0E-05
288	0.48461	2.86E-06	1.4E-06	1.05E-03	1.45E-09	2.27E-01	1.57E-01	5.17E-11	1.0E+06	5.2E-05
289	0.50589	2.86E-06	1.4E-06	1.05E-03	1.51E-09	2.27E-01	1.57E-01	5.40E-11	1.0E+06	5.4E-05
290	0.216	2.86E-06	6.2E-07	1.05E-03	6.45E-10	2.27E-01	1.57E-01	2.30E-11	1.0E+06	2.3E-05
291	0.22224	2.86E-06	6.3E-07	1.05E-03	6.63E-10	2.27E-01	1.57E-01	2.37E-11	1.0E+06	2.4E-05
292	0.22904	2.86E-06	6.5E-07	1.05E-03	6.84E-10	2.27E-01	1.57E-01	2.44E-11	1.0E+06	2.4E-05
293	0.23618	2.86E-06	6.7E-07	1.05E-03	7.05E-10	2.27E-01	1.57E-01	2.52E-11	1.0E+06	2.5E-05
294	0.24368	2.86E-06	7.0E-07	1.05E-03	7.27E-10	2.27E-01	1.57E-01	2.60E-11	1.0E+06	2.6E-05
295	0.25155	2.86E-06	7.2E-07	1.05E-03	7.51E-10	2.27E-01	1.57E-01	2.68E-11	1.0E+06	2.7E-05
296	0.25982	2.86E-06	7.4E-07	1.05E-03	7.76E-10	2.27E-01	1.57E-01	2.77E-11	1.0E+06	2.8E-05
297	0.2685	2.86E-06	7.7E-07	1.05E-03	8.02E-10	2.27E-01	1.57E-01	2.86E-11	1.0E+06	2.9E-05
298	0.27762	2.86E-06	7.9E-07	1.05E-03	8.29E-10	2.27E-01	1.57E-01	2.96E-11	1.0E+06	3.0E-05
299	0.28721	2.86E-06	8.2E-07	1.05E-03	8.57E-10	2.27E-01	1.57E-01	3.06E-11	1.0E+06	3.1E-05
300	0.29728	2.86E-06	8.5E-07	1.05E-03	8.88E-10	2.27E-01	1.57E-01	3.17E-11	1.0E+06	3.2E-05
301	0.38365	2.86E-06	1.1E-06	1.05E-03	1.15E-09	2.27E-01	1.57E-01	4.09E-11	1.0E+06	4.1E-05
302	0.39862	2.86E-06	1.1E-06	1.05E-03	1.19E-09	2.27E-01	1.57E-01	4.25E-11	1.0E+06	4.3E-05
303	0.41435	2.86E-06	1.2E-06	1.05E-03	1.24E-09	2.27E-01	1.57E-01	4.42E-11	1.0E+06	4.4E-05
304	0.43087	2.86E-06	1.2E-06	1.05E-03	1.29E-09	2.27E-01	1.57E-01	4.60E-11	1.0E+06	4.6E-05
305	0.44819	2.86E-06	1.3E-06	1.05E-03	1.34E-09	2.27E-01	1.57E-01	4.78E-11	1.0E+06	4.8E-05
306	0.46636	2.86E-06	1.3E-06	1.05E-03	1.39E-09	2.27E-01	1.57E-01	4.98E-11	1.0E+06	5.0E-05
307	0.48539	2.86E-06	1.4E-06	1.05E-03	1.45E-09	2.27E-01	1.57E-01	5.18E-11	1.0E+06	5.2E-05
308	0.21431	2.86E-06	6.1E-07	1.05E-03	6.40E-10	2.27E-01	1.57E-01	2.29E-11	1.0E+06	2.3E-05
309	0.22046	2.86E-06	6.3E-07	1.05E-03	6.58E-10	2.27E-01	1.57E-01	2.35E-11	1.0E+06	2.4E-05

Berkley WTPF
Haul3 Mitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
310	0.22717	2.86E-06	6.5E-07	1.05E-03	6.78E-10	2.27E-01	1.57E-01	2.42E-11	1.0E+06	2.4E-05
311	0.23423	2.86E-06	6.7E-07	1.05E-03	6.99E-10	2.27E-01	1.57E-01	2.50E-11	1.0E+06	2.5E-05
312	0.24164	2.86E-06	6.9E-07	1.05E-03	7.21E-10	2.27E-01	1.57E-01	2.58E-11	1.0E+06	2.6E-05
313	0.24944	2.86E-06	7.1E-07	1.05E-03	7.45E-10	2.27E-01	1.57E-01	2.66E-11	1.0E+06	2.7E-05
314	0.25764	2.86E-06	7.4E-07	1.05E-03	7.69E-10	2.27E-01	1.57E-01	2.75E-11	1.0E+06	2.7E-05
315	0.26627	2.86E-06	7.6E-07	1.05E-03	7.95E-10	2.27E-01	1.57E-01	2.84E-11	1.0E+06	2.8E-05
316	0.27535	2.86E-06	7.9E-07	1.05E-03	8.22E-10	2.27E-01	1.57E-01	2.94E-11	1.0E+06	2.9E-05
317	0.2849	2.86E-06	8.1E-07	1.05E-03	8.51E-10	2.27E-01	1.57E-01	3.04E-11	1.0E+06	3.0E-05
318	0.29495	2.86E-06	8.4E-07	1.05E-03	8.81E-10	2.27E-01	1.57E-01	3.15E-11	1.0E+06	3.1E-05
319	0.30552	2.86E-06	8.7E-07	1.05E-03	9.12E-10	2.27E-01	1.57E-01	3.26E-11	1.0E+06	3.3E-05
320	0.31665	2.86E-06	9.0E-07	1.05E-03	9.45E-10	2.27E-01	1.57E-01	3.38E-11	1.0E+06	3.4E-05
321	0.32836	2.86E-06	9.4E-07	1.05E-03	9.80E-10	2.27E-01	1.57E-01	3.50E-11	1.0E+06	3.5E-05
322	0.34069	2.86E-06	9.7E-07	1.05E-03	1.02E-09	2.27E-01	1.57E-01	3.63E-11	1.0E+06	3.6E-05
323	0.38174	2.86E-06	1.1E-06	1.05E-03	1.14E-09	2.27E-01	1.57E-01	4.07E-11	1.0E+06	4.1E-05
324	0.39689	2.86E-06	1.1E-06	1.05E-03	1.18E-09	2.27E-01	1.57E-01	4.23E-11	1.0E+06	4.2E-05
325	0.41284	2.86E-06	1.2E-06	1.05E-03	1.23E-09	2.27E-01	1.57E-01	4.40E-11	1.0E+06	4.4E-05
326	0.42963	2.86E-06	1.2E-06	1.05E-03	1.28E-09	2.27E-01	1.57E-01	4.58E-11	1.0E+06	4.6E-05
327	0.44728	2.86E-06	1.3E-06	1.05E-03	1.34E-09	2.27E-01	1.57E-01	4.77E-11	1.0E+06	4.8E-05
328	0.46584	2.86E-06	1.3E-06	1.05E-03	1.39E-09	2.27E-01	1.57E-01	4.97E-11	1.0E+06	5.0E-05
329	0.48534	2.86E-06	1.4E-06	1.05E-03	1.45E-09	2.27E-01	1.57E-01	5.18E-11	1.0E+06	5.2E-05
330	0.21259	2.86E-06	6.1E-07	1.05E-03	6.35E-10	2.27E-01	1.57E-01	2.27E-11	1.0E+06	2.3E-05
331	0.21865	2.86E-06	6.2E-07	1.05E-03	6.53E-10	2.27E-01	1.57E-01	2.33E-11	1.0E+06	2.3E-05
332	0.22525	2.86E-06	6.4E-07	1.05E-03	6.72E-10	2.27E-01	1.57E-01	2.40E-11	1.0E+06	2.4E-05
333	0.23221	2.86E-06	6.6E-07	1.05E-03	6.93E-10	2.27E-01	1.57E-01	2.48E-11	1.0E+06	2.5E-05
334	0.23952	2.86E-06	6.8E-07	1.05E-03	7.15E-10	2.27E-01	1.57E-01	2.56E-11	1.0E+06	2.6E-05
335	0.24722	2.86E-06	7.1E-07	1.05E-03	7.38E-10	2.27E-01	1.57E-01	2.64E-11	1.0E+06	2.6E-05
336	0.25533	2.86E-06	7.3E-07	1.05E-03	7.62E-10	2.27E-01	1.57E-01	2.72E-11	1.0E+06	2.7E-05
337	0.26388	2.86E-06	7.5E-07	1.05E-03	7.88E-10	2.27E-01	1.57E-01	2.82E-11	1.0E+06	2.8E-05
338	0.27288	2.86E-06	7.8E-07	1.05E-03	8.15E-10	2.27E-01	1.57E-01	2.91E-11	1.0E+06	2.9E-05
339	0.28237	2.86E-06	8.1E-07	1.05E-03	8.43E-10	2.27E-01	1.57E-01	3.01E-11	1.0E+06	3.0E-05
340	0.29237	2.86E-06	8.4E-07	1.05E-03	8.73E-10	2.27E-01	1.57E-01	3.12E-11	1.0E+06	3.1E-05

Berkley WTPF
Haul3 Mitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
341	0.3029	2.86E-06	8.7E-07	1.05E-03	9.04E-10	2.27E-01	1.57E-01	3.23E-11	1.0E+06	3.2E-05
342	0.31401	2.86E-06	9.0E-07	1.05E-03	9.37E-10	2.27E-01	1.57E-01	3.35E-11	1.0E+06	3.3E-05
343	0.32573	2.86E-06	9.3E-07	1.05E-03	9.72E-10	2.27E-01	1.57E-01	3.47E-11	1.0E+06	3.5E-05
344	0.33807	2.86E-06	9.7E-07	1.05E-03	1.01E-09	2.27E-01	1.57E-01	3.61E-11	1.0E+06	3.6E-05
345	0.3511	2.86E-06	1.0E-06	1.05E-03	1.05E-09	2.27E-01	1.57E-01	3.75E-11	1.0E+06	3.7E-05
346	0.36483	2.86E-06	1.0E-06	1.05E-03	1.09E-09	2.27E-01	1.57E-01	3.89E-11	1.0E+06	3.9E-05
347	0.37932	2.86E-06	1.1E-06	1.05E-03	1.13E-09	2.27E-01	1.57E-01	4.05E-11	1.0E+06	4.0E-05
348	0.3946	2.86E-06	1.1E-06	1.05E-03	1.18E-09	2.27E-01	1.57E-01	4.21E-11	1.0E+06	4.2E-05
349	0.41072	2.86E-06	1.2E-06	1.05E-03	1.23E-09	2.27E-01	1.57E-01	4.38E-11	1.0E+06	4.4E-05
350	0.42773	2.86E-06	1.2E-06	1.05E-03	1.28E-09	2.27E-01	1.57E-01	4.56E-11	1.0E+06	4.6E-05
351	0.44613	2.86E-06	1.3E-06	1.05E-03	1.33E-09	2.27E-01	1.57E-01	4.76E-11	1.0E+06	4.8E-05
352	0.46535	2.86E-06	1.3E-06	1.05E-03	1.39E-09	2.27E-01	1.57E-01	4.96E-11	1.0E+06	5.0E-05
353	0.21087	2.86E-06	6.0E-07	1.05E-03	6.30E-10	2.27E-01	1.57E-01	2.25E-11	1.0E+06	2.2E-05
354	0.21682	2.86E-06	6.2E-07	1.05E-03	6.47E-10	2.27E-01	1.57E-01	2.31E-11	1.0E+06	2.3E-05
355	0.22331	2.86E-06	6.4E-07	1.05E-03	6.67E-10	2.27E-01	1.57E-01	2.38E-11	1.0E+06	2.4E-05
356	0.23015	2.86E-06	6.6E-07	1.05E-03	6.87E-10	2.27E-01	1.57E-01	2.46E-11	1.0E+06	2.5E-05
357	0.23735	2.86E-06	6.8E-07	1.05E-03	7.09E-10	2.27E-01	1.57E-01	2.53E-11	1.0E+06	2.5E-05
358	0.24494	2.86E-06	7.0E-07	1.05E-03	7.31E-10	2.27E-01	1.57E-01	2.61E-11	1.0E+06	2.6E-05
359	0.25294	2.86E-06	7.2E-07	1.05E-03	7.55E-10	2.27E-01	1.57E-01	2.70E-11	1.0E+06	2.7E-05
360	0.26137	2.86E-06	7.5E-07	1.05E-03	7.80E-10	2.27E-01	1.57E-01	2.79E-11	1.0E+06	2.8E-05
361	0.27028	2.86E-06	7.7E-07	1.05E-03	8.07E-10	2.27E-01	1.57E-01	2.88E-11	1.0E+06	2.9E-05
362	0.27967	2.86E-06	8.0E-07	1.05E-03	8.35E-10	2.27E-01	1.57E-01	2.98E-11	1.0E+06	3.0E-05
363	0.28958	2.86E-06	8.3E-07	1.05E-03	8.65E-10	2.27E-01	1.57E-01	3.09E-11	1.0E+06	3.1E-05
364	0.30005	2.86E-06	8.6E-07	1.05E-03	8.96E-10	2.27E-01	1.57E-01	3.20E-11	1.0E+06	3.2E-05
365	0.3111	2.86E-06	8.9E-07	1.05E-03	9.29E-10	2.27E-01	1.57E-01	3.32E-11	1.0E+06	3.3E-05
366	0.32277	2.86E-06	9.2E-07	1.05E-03	9.64E-10	2.27E-01	1.57E-01	3.44E-11	1.0E+06	3.4E-05
367	0.3351	2.86E-06	9.6E-07	1.05E-03	1.00E-09	2.27E-01	1.57E-01	3.57E-11	1.0E+06	3.6E-05
368	0.34813	2.86E-06	9.9E-07	1.05E-03	1.04E-09	2.27E-01	1.57E-01	3.71E-11	1.0E+06	3.7E-05
369	0.3619	2.86E-06	1.0E-06	1.05E-03	1.08E-09	2.27E-01	1.57E-01	3.86E-11	1.0E+06	3.9E-05
370	0.3765	2.86E-06	1.1E-06	1.05E-03	1.12E-09	2.27E-01	1.57E-01	4.02E-11	1.0E+06	4.0E-05
371	0.39193	2.86E-06	1.1E-06	1.05E-03	1.17E-09	2.27E-01	1.57E-01	4.18E-11	1.0E+06	4.2E-05

Berkley WTPF
Haul3 Mitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
372	0.40821	2.86E-06	1.2E-06	1.05E-03	1.22E-09	2.27E-01	1.57E-01	4.35E-11	1.0E+06	4.4E-05
373	0.21499	2.86E-06	6.1E-07	1.05E-03	6.42E-10	2.27E-01	1.57E-01	2.29E-11	1.0E+06	2.3E-05
374	0.22137	2.86E-06	6.3E-07	1.05E-03	6.61E-10	2.27E-01	1.57E-01	2.36E-11	1.0E+06	2.4E-05
375	0.22808	2.86E-06	6.5E-07	1.05E-03	6.81E-10	2.27E-01	1.57E-01	2.43E-11	1.0E+06	2.4E-05
376	0.23516	2.86E-06	6.7E-07	1.05E-03	7.02E-10	2.27E-01	1.57E-01	2.51E-11	1.0E+06	2.5E-05
377	0.24262	2.86E-06	6.9E-07	1.05E-03	7.24E-10	2.27E-01	1.57E-01	2.59E-11	1.0E+06	2.6E-05
378	0.25049	2.86E-06	7.2E-07	1.05E-03	7.48E-10	2.27E-01	1.57E-01	2.67E-11	1.0E+06	2.7E-05
379	0.2588	2.86E-06	7.4E-07	1.05E-03	7.73E-10	2.27E-01	1.57E-01	2.76E-11	1.0E+06	2.8E-05
380	0.26757	2.86E-06	7.6E-07	1.05E-03	7.99E-10	2.27E-01	1.57E-01	2.85E-11	1.0E+06	2.9E-05
381	0.27684	2.86E-06	7.9E-07	1.05E-03	8.26E-10	2.27E-01	1.57E-01	2.95E-11	1.0E+06	3.0E-05
382	0.28664	2.86E-06	8.2E-07	1.05E-03	8.56E-10	2.27E-01	1.57E-01	3.06E-11	1.0E+06	3.1E-05
383	0.297	2.86E-06	8.5E-07	1.05E-03	8.87E-10	2.27E-01	1.57E-01	3.17E-11	1.0E+06	3.2E-05
384	0.30796	2.86E-06	8.8E-07	1.05E-03	9.19E-10	2.27E-01	1.57E-01	3.29E-11	1.0E+06	3.3E-05
385	0.31956	2.86E-06	9.1E-07	1.05E-03	9.54E-10	2.27E-01	1.57E-01	3.41E-11	1.0E+06	3.4E-05
386	0.33182	2.86E-06	9.5E-07	1.05E-03	9.91E-10	2.27E-01	1.57E-01	3.54E-11	1.0E+06	3.5E-05
387	0.3448	2.86E-06	9.8E-07	1.05E-03	1.03E-09	2.27E-01	1.57E-01	3.68E-11	1.0E+06	3.7E-05
388	0.35884	2.86E-06	1.0E-06	1.05E-03	1.07E-09	2.27E-01	1.57E-01	3.83E-11	1.0E+06	3.8E-05
389	0.21341	2.86E-06	6.1E-07	1.05E-03	6.37E-10	2.27E-01	1.57E-01	2.28E-11	1.0E+06	2.3E-05
390	0.21968	2.86E-06	6.3E-07	1.05E-03	6.56E-10	2.27E-01	1.57E-01	2.34E-11	1.0E+06	2.3E-05
391	0.22613	2.86E-06	6.5E-07	1.05E-03	6.75E-10	2.27E-01	1.57E-01	2.41E-11	1.0E+06	2.4E-05
392	0.23297	2.86E-06	6.7E-07	1.05E-03	6.96E-10	2.27E-01	1.57E-01	2.49E-11	1.0E+06	2.5E-05
393	0.2403	2.86E-06	6.9E-07	1.05E-03	7.17E-10	2.27E-01	1.57E-01	2.56E-11	1.0E+06	2.6E-05
394	0.24802	2.86E-06	7.1E-07	1.05E-03	7.40E-10	2.27E-01	1.57E-01	2.65E-11	1.0E+06	2.6E-05
395	0.25619	2.86E-06	7.3E-07	1.05E-03	7.65E-10	2.27E-01	1.57E-01	2.73E-11	1.0E+06	2.7E-05
396	0.26482	2.86E-06	7.6E-07	1.05E-03	7.91E-10	2.27E-01	1.57E-01	2.83E-11	1.0E+06	2.8E-05
397	0.27394	2.86E-06	7.8E-07	1.05E-03	8.18E-10	2.27E-01	1.57E-01	2.92E-11	1.0E+06	2.9E-05
398	0.2836	2.86E-06	8.1E-07	1.05E-03	8.47E-10	2.27E-01	1.57E-01	3.03E-11	1.0E+06	3.0E-05
399	0.29382	2.86E-06	8.4E-07	1.05E-03	8.77E-10	2.27E-01	1.57E-01	3.13E-11	1.0E+06	3.1E-05
400	0.30465	2.86E-06	8.7E-07	1.05E-03	9.10E-10	2.27E-01	1.57E-01	3.25E-11	1.0E+06	3.3E-05
401	0.31613	2.86E-06	9.0E-07	1.05E-03	9.44E-10	2.27E-01	1.57E-01	3.37E-11	1.0E+06	3.4E-05
402	0.32829	2.86E-06	9.4E-07	1.05E-03	9.80E-10	2.27E-01	1.57E-01	3.50E-11	1.0E+06	3.5E-05

Berkley WTPF
Haul3 Mitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
403	0.34118	2.86E-06	9.7E-07	1.05E-03	1.02E-09	2.27E-01	1.57E-01	3.64E-11	1.0E+06	3.6E-05
404	0.21816	2.86E-06	6.2E-07	1.05E-03	6.51E-10	2.27E-01	1.57E-01	2.33E-11	1.0E+06	2.3E-05
405	0.2243	2.86E-06	6.4E-07	1.05E-03	6.70E-10	2.27E-01	1.57E-01	2.39E-11	1.0E+06	2.4E-05
406	0.23086	2.86E-06	6.6E-07	1.05E-03	6.89E-10	2.27E-01	1.57E-01	2.46E-11	1.0E+06	2.5E-05
407	0.23799	2.86E-06	6.8E-07	1.05E-03	7.10E-10	2.27E-01	1.57E-01	2.54E-11	1.0E+06	2.5E-05
408	0.24557	2.86E-06	7.0E-07	1.05E-03	7.33E-10	2.27E-01	1.57E-01	2.62E-11	1.0E+06	2.6E-05
409	0.25358	2.86E-06	7.2E-07	1.05E-03	7.57E-10	2.27E-01	1.57E-01	2.71E-11	1.0E+06	2.7E-05
410	0.26204	2.86E-06	7.5E-07	1.05E-03	7.82E-10	2.27E-01	1.57E-01	2.80E-11	1.0E+06	2.8E-05
411	0.27101	2.86E-06	7.7E-07	1.05E-03	8.09E-10	2.27E-01	1.57E-01	2.89E-11	1.0E+06	2.9E-05
412	0.2805	2.86E-06	8.0E-07	1.05E-03	8.37E-10	2.27E-01	1.57E-01	2.99E-11	1.0E+06	3.0E-05
413	0.29056	2.86E-06	8.3E-07	1.05E-03	8.67E-10	2.27E-01	1.57E-01	3.10E-11	1.0E+06	3.1E-05
414	0.30122	2.86E-06	8.6E-07	1.05E-03	8.99E-10	2.27E-01	1.57E-01	3.21E-11	1.0E+06	3.2E-05
415	0.31254	2.86E-06	8.9E-07	1.05E-03	9.33E-10	2.27E-01	1.57E-01	3.33E-11	1.0E+06	3.3E-05
416	0.32456	2.86E-06	9.3E-07	1.05E-03	9.69E-10	2.27E-01	1.57E-01	3.46E-11	1.0E+06	3.5E-05
417	0.33736	2.86E-06	9.6E-07	1.05E-03	1.01E-09	2.27E-01	1.57E-01	3.60E-11	1.0E+06	3.6E-05
418	0.22933	2.86E-06	6.6E-07	1.05E-03	6.85E-10	2.27E-01	1.57E-01	2.45E-11	1.0E+06	2.4E-05
419	0.23577	2.86E-06	6.7E-07	1.05E-03	7.04E-10	2.27E-01	1.57E-01	2.52E-11	1.0E+06	2.5E-05
420	0.24315	2.86E-06	6.9E-07	1.05E-03	7.26E-10	2.27E-01	1.57E-01	2.59E-11	1.0E+06	2.6E-05
421	0.25099	2.86E-06	7.2E-07	1.05E-03	7.49E-10	2.27E-01	1.57E-01	2.68E-11	1.0E+06	2.7E-05
422	0.25929	2.86E-06	7.4E-07	1.05E-03	7.74E-10	2.27E-01	1.57E-01	2.77E-11	1.0E+06	2.8E-05
423	0.26807	2.86E-06	7.7E-07	1.05E-03	8.00E-10	2.27E-01	1.57E-01	2.86E-11	1.0E+06	2.9E-05
424	0.27738	2.86E-06	7.9E-07	1.05E-03	8.28E-10	2.27E-01	1.57E-01	2.96E-11	1.0E+06	3.0E-05
425	0.28725	2.86E-06	8.2E-07	1.05E-03	8.58E-10	2.27E-01	1.57E-01	3.06E-11	1.0E+06	3.1E-05
426	0.29773	2.86E-06	8.5E-07	1.05E-03	8.89E-10	2.27E-01	1.57E-01	3.18E-11	1.0E+06	3.2E-05
427	0.30887	2.86E-06	8.8E-07	1.05E-03	9.22E-10	2.27E-01	1.57E-01	3.30E-11	1.0E+06	3.3E-05
428	0.3207	2.86E-06	9.2E-07	1.05E-03	9.57E-10	2.27E-01	1.57E-01	3.42E-11	1.0E+06	3.4E-05
429	0.33383	2.86E-06	9.5E-07	1.05E-03	9.97E-10	2.27E-01	1.57E-01	3.56E-11	1.0E+06	3.6E-05
430	0.26562	2.86E-06	7.6E-07	1.05E-03	7.93E-10	2.27E-01	1.57E-01	2.83E-11	1.0E+06	2.8E-05
431	0.27463	2.86E-06	7.8E-07	1.05E-03	8.20E-10	2.27E-01	1.57E-01	2.93E-11	1.0E+06	2.9E-05
432	0.28432	2.86E-06	8.1E-07	1.05E-03	8.49E-10	2.27E-01	1.57E-01	3.03E-11	1.0E+06	3.0E-05
433	0.29439	2.86E-06	8.4E-07	1.05E-03	8.79E-10	2.27E-01	1.57E-01	3.14E-11	1.0E+06	3.1E-05

Berkley WTPF
Haul3 Mitigated Risk

		Cancer Risk from Birth to 2 years - Construction								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
434	0.30515	2.86E-06	8.7E-07	1.05E-03	9.11E-10	2.27E-01	1.57E-01	3.26E-11	1.0E+06	3.3E-05
435	0.31677	2.86E-06	9.0E-07	1.05E-03	9.46E-10	2.27E-01	1.57E-01	3.38E-11	1.0E+06	3.4E-05

Berkley WTPF
Haul3 Mitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
		Residence	
1	5	1.62E-07	1.62E-07
2	5	1.66E-07	1.66E-07
3	5	1.70E-07	1.70E-07
4	5	1.74E-07	1.74E-07
5	5	1.79E-07	1.79E-07
6	5	1.83E-07	1.83E-07
7	5	1.88E-07	1.88E-07
8	5	1.92E-07	1.92E-07
9	5	1.59E-07	1.59E-07
10	5	1.63E-07	1.63E-07
11	5	1.67E-07	1.67E-07
12	5	1.71E-07	1.71E-07
13	5	1.75E-07	1.75E-07
14	5	1.80E-07	1.80E-07
15	5	1.84E-07	1.84E-07
16	5	1.89E-07	1.89E-07
17	5	1.94E-07	1.94E-07
18	5	1.99E-07	1.99E-07
19	5	2.04E-07	2.04E-07
20	5	2.09E-07	2.09E-07
21	5	1.59E-07	1.59E-07
22	5	1.63E-07	1.63E-07
23	5	1.67E-07	1.67E-07
24	5	1.72E-07	1.72E-07
25	5	1.76E-07	1.76E-07
26	5	1.81E-07	1.81E-07
27	5	1.86E-07	1.86E-07
28	5	1.91E-07	1.91E-07
29	5	1.96E-07	1.96E-07
30	5	2.01E-07	2.01E-07

Max	Receptor #	
3.051E-07	210	Res
6.223E-08	527	Park
3.673E-07	210	Total

Berkley WTPF
Haul3 Mitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
31	5	2.06E-07	2.06E-07
32	5	2.11E-07	2.11E-07
33	5	2.17E-07	2.17E-07
34	5	2.22E-07	2.22E-07
35	5	2.28E-07	2.28E-07
36	5	2.34E-07	2.34E-07
37	5	1.59E-07	1.59E-07
38	5	1.63E-07	1.63E-07
39	5	1.68E-07	1.68E-07
40	5	1.73E-07	1.73E-07
41	5	1.77E-07	1.77E-07
42	5	1.82E-07	1.82E-07
43	5	1.87E-07	1.87E-07
44	5	1.92E-07	1.92E-07
45	5	1.97E-07	1.97E-07
46	5	2.02E-07	2.02E-07
47	5	2.08E-07	2.08E-07
48	5	2.13E-07	2.13E-07
49	5	2.19E-07	2.19E-07
50	5	2.25E-07	2.25E-07
51	5	2.31E-07	2.31E-07
52	5	2.37E-07	2.37E-07
53	5	2.44E-07	2.44E-07
54	5	2.51E-07	2.51E-07
55	5	2.58E-07	2.58E-07
56	5	1.55E-07	1.55E-07
57	5	1.59E-07	1.59E-07
58	5	1.64E-07	1.64E-07
59	5	1.68E-07	1.68E-07
60	5	1.73E-07	1.73E-07
61	5	1.78E-07	1.78E-07

Berkley WTPF
Haul3 Mitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
62	5	1.83E-07	1.83E-07
63	5	1.88E-07	1.88E-07
64	5	1.93E-07	1.93E-07
65	5	1.99E-07	1.99E-07
66	5	2.04E-07	2.04E-07
67	5	2.10E-07	2.10E-07
68	5	2.16E-07	2.16E-07
69	5	2.21E-07	2.21E-07
70	5	2.28E-07	2.28E-07
71	5	2.34E-07	2.34E-07
72	5	2.40E-07	2.40E-07
73	5	2.47E-07	2.47E-07
74	5	2.54E-07	2.54E-07
75	5	2.61E-07	2.61E-07
76	5	1.55E-07	1.55E-07
77	5	1.59E-07	1.59E-07
78	5	1.64E-07	1.64E-07
79	5	1.69E-07	1.69E-07
80	5	1.74E-07	1.74E-07
81	5	1.79E-07	1.79E-07
82	5	1.84E-07	1.84E-07
83	5	1.89E-07	1.89E-07
84	5	1.94E-07	1.94E-07
85	5	2.00E-07	2.00E-07
86	5	2.06E-07	2.06E-07
87	5	2.12E-07	2.12E-07
88	5	2.18E-07	2.18E-07
89	5	2.24E-07	2.24E-07
90	5	2.30E-07	2.30E-07
91	5	2.37E-07	2.37E-07
92	5	2.43E-07	2.43E-07

Berkley WTPF
Haul3 Mitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
93	5	2.50E-07	2.50E-07
94	5	2.58E-07	2.58E-07
95	5	2.65E-07	2.65E-07
96	5	2.73E-07	2.73E-07
97	5	2.81E-07	2.81E-07
98	5	1.55E-07	1.55E-07
99	5	1.59E-07	1.59E-07
100	5	1.64E-07	1.64E-07
101	5	1.69E-07	1.69E-07
102	5	1.74E-07	1.74E-07
103	5	1.79E-07	1.79E-07
104	5	1.84E-07	1.84E-07
105	5	1.90E-07	1.90E-07
106	5	1.95E-07	1.95E-07
107	5	2.01E-07	2.01E-07
108	5	2.07E-07	2.07E-07
109	5	2.13E-07	2.13E-07
110	5	2.19E-07	2.19E-07
111	5	2.26E-07	2.26E-07
112	5	2.32E-07	2.32E-07
113	5	2.39E-07	2.39E-07
114	5	2.46E-07	2.46E-07
115	5	2.54E-07	2.54E-07
116	5	2.61E-07	2.61E-07
117	5	2.69E-07	2.69E-07
118	5	2.77E-07	2.77E-07
119	5	2.86E-07	2.86E-07
120	5	2.95E-07	2.95E-07
121	5	1.51E-07	1.51E-07
122	5	1.55E-07	1.55E-07
123	5	1.59E-07	1.59E-07

Berkley WTPF
Haul3 Mitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
124	5	1.64E-07	1.64E-07
125	5	1.69E-07	1.69E-07
126	5	1.74E-07	1.74E-07
127	5	1.79E-07	1.79E-07
128	5	1.85E-07	1.85E-07
129	5	1.91E-07	1.91E-07
130	5	1.96E-07	1.96E-07
131	5	2.02E-07	2.02E-07
132	5	2.08E-07	2.08E-07
133	5	2.15E-07	2.15E-07
134	5	2.21E-07	2.21E-07
135	5	2.28E-07	2.28E-07
136	5	2.35E-07	2.35E-07
137	5	2.42E-07	2.42E-07
138	5	2.49E-07	2.49E-07
139	5	2.57E-07	2.57E-07
140	5	2.65E-07	2.65E-07
141	5	2.73E-07	2.73E-07
142	5	2.81E-07	2.81E-07
143	5	2.90E-07	2.90E-07
144	5	3.00E-07	3.00E-07
145	5	1.50E-07	1.50E-07
146	5	1.55E-07	1.55E-07
147	5	1.59E-07	1.59E-07
148	5	1.64E-07	1.64E-07
149	5	1.69E-07	1.69E-07
150	5	1.74E-07	1.74E-07
151	5	1.80E-07	1.80E-07
152	5	1.85E-07	1.85E-07
153	5	1.91E-07	1.91E-07
154	5	1.97E-07	1.97E-07

Berkley WTPF
Haul3 Mitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
155	5	2.03E-07	2.03E-07
156	5	2.10E-07	2.10E-07
157	5	2.16E-07	2.16E-07
158	5	2.23E-07	2.23E-07
159	5	2.30E-07	2.30E-07
160	5	2.37E-07	2.37E-07
161	5	2.44E-07	2.44E-07
162	5	2.52E-07	2.52E-07
163	5	2.60E-07	2.60E-07
164	5	2.68E-07	2.68E-07
165	5	2.77E-07	2.77E-07
166	5	2.85E-07	2.85E-07
167	5	2.95E-07	2.95E-07
168	5	1.50E-07	1.50E-07
169	5	1.54E-07	1.54E-07
170	5	1.59E-07	1.59E-07
171	5	1.64E-07	1.64E-07
172	5	1.69E-07	1.69E-07
173	5	1.74E-07	1.74E-07
174	5	1.80E-07	1.80E-07
175	5	1.86E-07	1.86E-07
176	5	1.92E-07	1.92E-07
177	5	1.98E-07	1.98E-07
178	5	2.04E-07	2.04E-07
179	5	2.11E-07	2.11E-07
180	5	2.17E-07	2.17E-07
181	5	2.24E-07	2.24E-07
182	5	2.32E-07	2.32E-07
183	5	2.39E-07	2.39E-07
184	5	2.47E-07	2.47E-07
185	5	2.55E-07	2.55E-07

Berkley WTPF
Haul3 Mitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
186	5	2.63E-07	2.63E-07
187	5	2.71E-07	2.71E-07
188	5	2.80E-07	2.80E-07
189	5	2.89E-07	2.89E-07
190	5	3.00E-07	3.00E-07
191	5	1.50E-07	1.50E-07
192	5	1.54E-07	1.54E-07
193	5	1.59E-07	1.59E-07
194	5	1.64E-07	1.64E-07
195	5	1.69E-07	1.69E-07
196	5	1.74E-07	1.74E-07
197	5	1.80E-07	1.80E-07
198	5	1.86E-07	1.86E-07
199	5	1.92E-07	1.92E-07
200	5	1.98E-07	1.98E-07
201	5	2.26E-07	2.26E-07
202	5	2.33E-07	2.33E-07
203	5	2.41E-07	2.41E-07
204	5	2.49E-07	2.49E-07
205	5	2.57E-07	2.57E-07
206	5	2.66E-07	2.66E-07
207	5	2.75E-07	2.75E-07
208	5	2.84E-07	2.84E-07
209	5	2.93E-07	2.93E-07
210	5	3.05E-07	3.05E-07
211	5	1.49E-07	1.49E-07
212	5	1.53E-07	1.53E-07
213	5	1.58E-07	1.58E-07
214	5	1.63E-07	1.63E-07
215	5	1.69E-07	1.69E-07
216	5	1.74E-07	1.74E-07

Berkley WTPF
Haul3 Mitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
217	5	1.80E-07	1.80E-07
218	5	1.86E-07	1.86E-07
219	5	1.92E-07	1.92E-07
220	5	2.43E-07	2.43E-07
221	5	2.51E-07	2.51E-07
222	5	2.59E-07	2.59E-07
223	5	2.68E-07	2.68E-07
224	5	2.78E-07	2.78E-07
225	5	2.87E-07	2.87E-07
226	5	2.97E-07	2.97E-07
227	5	1.44E-07	1.44E-07
228	5	1.48E-07	1.48E-07
229	5	1.53E-07	1.53E-07
230	5	1.58E-07	1.58E-07
231	5	1.63E-07	1.63E-07
232	5	1.68E-07	1.68E-07
233	5	1.74E-07	1.74E-07
234	5	1.80E-07	1.80E-07
235	5	1.86E-07	1.86E-07
236	5	1.92E-07	1.92E-07
237	5	2.36E-07	2.36E-07
238	5	2.44E-07	2.44E-07
239	5	2.53E-07	2.53E-07
240	5	2.61E-07	2.61E-07
241	5	2.71E-07	2.71E-07
242	5	2.80E-07	2.80E-07
243	5	2.91E-07	2.91E-07
244	5	3.02E-07	3.02E-07
245	5	1.52E-07	1.52E-07
246	5	1.57E-07	1.57E-07
247	5	1.62E-07	1.62E-07

Berkley WTPF
Haul3 Mitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
248	5	1.68E-07	1.68E-07
249	5	1.73E-07	1.73E-07
250	5	1.79E-07	1.79E-07
251	5	1.85E-07	1.85E-07
252	5	1.92E-07	1.92E-07
253	5	2.37E-07	2.37E-07
254	5	2.45E-07	2.45E-07
255	5	2.54E-07	2.54E-07
256	5	2.63E-07	2.63E-07
257	5	2.73E-07	2.73E-07
258	5	2.83E-07	2.83E-07
259	5	2.94E-07	2.94E-07
260	5	1.79E-07	1.79E-07
261	5	1.85E-07	1.85E-07
262	5	2.29E-07	2.29E-07
263	5	2.37E-07	2.37E-07
264	5	2.46E-07	2.46E-07
265	5	2.55E-07	2.55E-07
266	5	2.65E-07	2.65E-07
267	5	2.75E-07	2.75E-07
268	5	2.85E-07	2.85E-07
269	5	2.97E-07	2.97E-07
270	5	2.29E-07	2.29E-07
271	5	2.37E-07	2.37E-07
272	5	2.46E-07	2.46E-07
273	5	2.56E-07	2.56E-07
274	5	2.66E-07	2.66E-07
275	5	2.76E-07	2.76E-07
276	5	2.87E-07	2.87E-07
277	5	1.28E-07	1.28E-07
278	5	1.32E-07	1.32E-07

Berkley WTPF
Haul3 Mitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
279	5	1.36E-07	1.36E-07
280	5	1.40E-07	1.40E-07
281	5	1.45E-07	1.45E-07
282	5	2.20E-07	2.20E-07
283	5	2.28E-07	2.28E-07
284	5	2.37E-07	2.37E-07
285	5	2.46E-07	2.46E-07
286	5	2.56E-07	2.56E-07
287	5	2.66E-07	2.66E-07
288	5	2.77E-07	2.77E-07
289	5	2.89E-07	2.89E-07
290	5	1.23E-07	1.23E-07
291	5	1.27E-07	1.27E-07
292	5	1.31E-07	1.31E-07
293	5	1.35E-07	1.35E-07
294	5	1.39E-07	1.39E-07
295	5	1.44E-07	1.44E-07
296	5	1.48E-07	1.48E-07
297	5	1.53E-07	1.53E-07
298	5	1.59E-07	1.59E-07
299	5	1.64E-07	1.64E-07
300	5	1.70E-07	1.70E-07
301	5	2.19E-07	2.19E-07
302	5	2.28E-07	2.28E-07
303	5	2.37E-07	2.37E-07
304	5	2.46E-07	2.46E-07
305	5	2.56E-07	2.56E-07
306	5	2.66E-07	2.66E-07
307	5	2.77E-07	2.77E-07
308	5	1.22E-07	1.22E-07
309	5	1.26E-07	1.26E-07

Berkley WTPF
Haul3 Mitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
310	5	1.30E-07	1.30E-07
311	5	1.34E-07	1.34E-07
312	5	1.38E-07	1.38E-07
313	5	1.42E-07	1.42E-07
314	5	1.47E-07	1.47E-07
315	5	1.52E-07	1.52E-07
316	5	1.57E-07	1.57E-07
317	5	1.63E-07	1.63E-07
318	5	1.68E-07	1.68E-07
319	5	1.75E-07	1.75E-07
320	5	1.81E-07	1.81E-07
321	5	1.88E-07	1.88E-07
322	5	1.95E-07	1.95E-07
323	5	2.18E-07	2.18E-07
324	5	2.27E-07	2.27E-07
325	5	2.36E-07	2.36E-07
326	5	2.45E-07	2.45E-07
327	5	2.56E-07	2.56E-07
328	5	2.66E-07	2.66E-07
329	5	2.77E-07	2.77E-07
330	5	1.21E-07	1.21E-07
331	5	1.25E-07	1.25E-07
332	5	1.29E-07	1.29E-07
333	5	1.33E-07	1.33E-07
334	5	1.37E-07	1.37E-07
335	5	1.41E-07	1.41E-07
336	5	1.46E-07	1.46E-07
337	5	1.51E-07	1.51E-07
338	5	1.56E-07	1.56E-07
339	5	1.61E-07	1.61E-07
340	5	1.67E-07	1.67E-07

Berkley WTPF
Haul3 Mitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
341	5	1.73E-07	1.73E-07
342	5	1.79E-07	1.79E-07
343	5	1.86E-07	1.86E-07
344	5	1.93E-07	1.93E-07
345	5	2.01E-07	2.01E-07
346	5	2.08E-07	2.08E-07
347	5	2.17E-07	2.17E-07
348	5	2.25E-07	2.25E-07
349	5	2.35E-07	2.35E-07
350	5	2.44E-07	2.44E-07
351	5	2.55E-07	2.55E-07
352	5	2.66E-07	2.66E-07
353	5	1.20E-07	1.20E-07
354	5	1.24E-07	1.24E-07
355	5	1.28E-07	1.28E-07
356	5	1.31E-07	1.31E-07
357	5	1.36E-07	1.36E-07
358	5	1.40E-07	1.40E-07
359	5	1.44E-07	1.44E-07
360	5	1.49E-07	1.49E-07
361	5	1.54E-07	1.54E-07
362	5	1.60E-07	1.60E-07
363	5	1.65E-07	1.65E-07
364	5	1.71E-07	1.71E-07
365	5	1.78E-07	1.78E-07
366	5	1.84E-07	1.84E-07
367	5	1.91E-07	1.91E-07
368	5	1.99E-07	1.99E-07
369	5	2.07E-07	2.07E-07
370	5	2.15E-07	2.15E-07
371	5	2.24E-07	2.24E-07

Berkley WTPF
Haul3 Mitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
372	5	2.33E-07	2.33E-07
373	5	1.23E-07	1.23E-07
374	5	1.26E-07	1.26E-07
375	5	1.30E-07	1.30E-07
376	5	1.34E-07	1.34E-07
377	5	1.39E-07	1.39E-07
378	5	1.43E-07	1.43E-07
379	5	1.48E-07	1.48E-07
380	5	1.53E-07	1.53E-07
381	5	1.58E-07	1.58E-07
382	5	1.64E-07	1.64E-07
383	5	1.70E-07	1.70E-07
384	5	1.76E-07	1.76E-07
385	5	1.83E-07	1.83E-07
386	5	1.90E-07	1.90E-07
387	5	1.97E-07	1.97E-07
388	5	2.05E-07	2.05E-07
389	5	1.22E-07	1.22E-07
390	5	1.25E-07	1.25E-07
391	5	1.29E-07	1.29E-07
392	5	1.33E-07	1.33E-07
393	5	1.37E-07	1.37E-07
394	5	1.42E-07	1.42E-07
395	5	1.46E-07	1.46E-07
396	5	1.51E-07	1.51E-07
397	5	1.56E-07	1.56E-07
398	5	1.62E-07	1.62E-07
399	5	1.68E-07	1.68E-07
400	5	1.74E-07	1.74E-07
401	5	1.81E-07	1.81E-07
402	5	1.88E-07	1.88E-07

Berkley WTPF
Haul3 Mitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
403	5	1.95E-07	1.95E-07
404	5	1.25E-07	1.25E-07
405	5	1.28E-07	1.28E-07
406	5	1.32E-07	1.32E-07
407	5	1.36E-07	1.36E-07
408	5	1.40E-07	1.40E-07
409	5	1.45E-07	1.45E-07
410	5	1.50E-07	1.50E-07
411	5	1.55E-07	1.55E-07
412	5	1.60E-07	1.60E-07
413	5	1.66E-07	1.66E-07
414	5	1.72E-07	1.72E-07
415	5	1.79E-07	1.79E-07
416	5	1.85E-07	1.85E-07
417	5	1.93E-07	1.93E-07
418	5	1.31E-07	1.31E-07
419	5	1.35E-07	1.35E-07
420	5	1.39E-07	1.39E-07
421	5	1.43E-07	1.43E-07
422	5	1.48E-07	1.48E-07
423	5	1.53E-07	1.53E-07
424	5	1.58E-07	1.58E-07
425	5	1.64E-07	1.64E-07
426	5	1.70E-07	1.70E-07
427	5	1.76E-07	1.76E-07
428	5	1.83E-07	1.83E-07
429	5	1.91E-07	1.91E-07
430	5	1.52E-07	1.52E-07
431	5	1.57E-07	1.57E-07
432	5	1.62E-07	1.62E-07
433	5	1.68E-07	1.68E-07

Berkley WTPF
Haul3 Mitigated Risk

	Chronic Non Cancer Risk		
Receptor #	**REL**	**HI Offroad**	**Total**
434	5	1.74E-07	1.74E-07
435	5	1.81E-07	1.81E-07

Berkley WTPF

Cumulative Risk

Version Date: 9/9/2025

	Receptor	Project	Stationary	Roadway	Railway	Total	Threshold
Cancer (MEIR)	1	3.43	0.034	4.15	10.00	17.62	100
Chronic (MEIR)	1	0.004	0.001	0.014	0.0030	0.02	10
PM2.5 (MEIR)	1	0.019	0.000	0.101	0.0100	0.13	0.8
Cancer (S1)	389	0.79	0.260	4.15	10.00	15.20	100
Chronic (S1)	389	0.001	0.010	0.01	0.00	0.03	10
PM2.5 (S1)	389	0.004	0.000	0.10	0.01	0.12	0.8
Cancer (S2)	372	0.76	0.035	4.15	10.00	14.95	100
Chronic (S2)	372	0.001	0.001	0.01	0.00	0.02	10
PM2.5 (S2)	372	0.004	0.000	0.10	0.01	0.12	0.8

MEIR	Maximum Exposed Individual Receptor
S1	Receptor Closest to the Berkley Marine Center
S2	Receptor Closest to DoubleTree Hotel

No stationary sources within 1,000 feet of Main Project site. 3 within 1,000 feet of houseboat receptors

	cancer risk	chronic HI	PM2.5
Double Tree Hotel Generator	0	0	0
Berkeley Marine Center	0	0.01	0
Berkeley Marine Center Gas	0.26	0	0

Distance Multipliers (Distance to MEIR receptor)

	Distance (m)	Multiplier	Adjusted Risk	Adjusted HI
	MEIR (Receptor #1)			
Double Tree Hotel Generator	460	0.1317466	0	0
Berkeley Marine Center	480	0.1317466	0	0.00131747
Berkeley Marine Center Gas	480	0.1317466	0.034254115	0
	S1 (Receptor #389)			
Double Tree Hotel Generator	264	0.17128821	0	0
Berkeley Marine Center	0	1	0	0.01
Berkeley Marine Center Gas	0	1	0.26	0
	S2 (Receptor #372)			
Double Tree Hotel Generator	0	1	0	0
Berkeley Marine Center	295	0.13614068	0	0.00136141
Berkeley Marine Center Gas	295	0.13614068	0.035396577	0

https://baaqmd.maps.arcgis.com/apps/webappviewer/index.html?id=845658c19eae4594b9f4b805fb9d89a3

	Chronic Receptors	End of University	Cancer Receptors	End of University	PM 2.5 Receptors	End of University
Rail	0.0 - 0.003	0.05 -0.1	0.01 -10	10-50	0.00001 - 0	0.01-0.1
Roadway	0.00.014	0.015-0.0155	4.154	20.771-58.99	0.0-0.101	1.132.581

https://mtc.maps.arcgis.com/apps/instant/sidebar/index.html?appid=c5f9b1a40326409a89076bdc0d95e429

Gasoline Dispensing Facility (GDF) Distance Multiplier Tool: This distance multiplier tool refines the screening values for cancer risk and chronic hazard index found in the District's Stationary Source Screening Analysis Tool for GDF's, to represent adjusted risk and hazard impacts that can be expected with farther distances from the source of emissions.

Gas Station

Distance (meters)	Distance (feet)	**Distance adjustment multiplier**	**Enter Risk or Hazard**	**Adjusted Risk or Hazard**
0	0.0	1.000		0.0000
5	16.4	1.000		0.0000
10	32.8	1.000		0.0000
15	49.2	1.000		0.0000
20	65.6	1.000		0.0000
25	82.0	0.728		0.0000
30	98.4	0.559		0.0000
35	114.8	0.445		0.0000
40	131.2	0.365		0.0000
45	147.6	0.305		0.0000
50	164.0	0.260		0.0000
55	180.4	0.225		0.0000
60	196.9	0.197		0.0000
65	213.3	0.174		0.0000
70	229.7	0.155		0.0000
75	246.1	0.139		0.0000
80	262.5	0.126		0.0000
85	278.9	0.114		0.0000
90	295.3	0.104		0.0000
95	311.7	0.096		0.0000
100	328.1	0.088		0.0000
105	344.5	0.082		0.0000
110	360.9	0.076		0.0000
115	377.3	0.071		0.0000
120	393.7	0.066		0.0000
125	410.1	0.062		0.0000
130	426.5	0.058		0.0000
135	442.9	0.055		0.0000
140	459.3	0.052		0.0000
145	475.7	0.049		0.0000
150	492.1	0.046		0.0000
155	508.5	0.044		0.0000
160	524.9	0.042		0.0000

165	541.3	0.040		0.0000
170	557.7	0.038		0.0000
175	574.1	0.036		0.0000
180	590.6	0.034		0.0000
185	607.0	0.033		0.0000
190	623.4	0.031		0.0000
195	639.8	0.030		0.0000
200	656.2	0.029		0.0000
205	672.6	0.028		0.0000
210	689.0	0.027		0.0000
215	705.4	0.026		0.0000
220	721.8	0.025		0.0000
225	738.2	0.024		0.0000
230	754.6	0.023		0.0000
235	771.0	0.022		0.0000
240	787.4	0.022		0.0000
245	803.8	0.021		0.0000
250	820.2	0.020		0.0000
255	836.6	0.020		0.0000
260	853.0	0.019		0.0000
265	869.4	0.018		0.0000
270	885.8	0.018		0.0000
275	902.2	0.017		0.0000
280	918.6	0.017		0.0000
285	935.0	0.016		0.0000
290	951.4	0.016		0.0000
295	967.8	0.015		0.0000
300	984.3	0.015		0.0000

Diesel Internal Combustion (IC) Engine Distance Multiplier Tool: This distance multiplier tool refines t values for cancer risk and PM2.5 concentrations found in the District's Stationary Source Screening Anal permitted facilities which contain only diesel IC engines, to represent adjusted risk and hazard impacts t expected with farther distances from the source of emissions.

Diesel Backup Generator

Distance (meters)	Distance (feet)	**Distance adjustment multiplier**	**Enter Risk or Hazard**	**Adjusted Risk or Hazard**	**Enter PM2.5 Concentration**
0	0.0	1.000		0	
5	16.4	1.000		0	
10	32.8	1.000		0	
15	49.2	1.000		0	
20	65.6	1.000		0	
25	82.0	0.85		0	
30	98.4	0.73		0	
35	114.8	0.64		0	
40	131.2	0.58		0	
50	164.0	0.5		0	
60	196.9	0.41		0	
70	229.7	0.31		0	
80	262.5	0.28		0	
90	295.3	0.25		0	
100	328.1	0.22		0	
110	360.9	0.18		0	
120	393.7	0.16		0	
130	426.5	0.15		0	
140	459.3	0.14		0	
150	492.1	0.12		0	
160	524.9	0.1		0	
180	590.6	0.09		0	
200	656.2	0.08		0	
220	721.8	0.07		0	
240	787.4	0.06		0	
260	853.0	0.05		0	
280	918.6	0.04		0	

he screening
ysis Tool for
hat can be

Generic Distance Multiplier Tool: This distance multiplier tool refines the screening values to represent adjusted risk and hazard impacts that can be expected with farther distances from the source of emissions.

Adjusted PM2.5 Concentration
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0

Generic Case

Distance (meters)	Distance (feet)	Multiplier
0	0.0	1.000
5	16.4	1.000
10	32.8	0.883
15	49.2	0.855
20	65.6	0.827
25	82.0	0.801
30	98.4	0.775
35	114.8	0.750
40	131.2	0.726
45	147.6	0.702
50	164.0	0.679
55	180.4	0.658
60	196.9	0.636
65	213.3	0.616
70	229.7	0.596
75	246.1	0.577
80	262.5	0.558
85	278.9	0.540
90	295.3	0.523
95	311.7	0.506
100	328.1	0.489
105	344.5	0.474
110	360.9	0.458
115	377.3	0.444
120	393.7	0.429
125	410.1	0.415
130	426.5	0.402
135	442.9	0.389
140	459.3	0.376
145	475.7	0.364
150	492.1	0.353
155	508.5	0.341
160	524.9	0.330

165	541.3	0.319
170	557.7	0.309
175	574.1	0.299
180	590.6	0.290
185	607.0	0.280
190	623.4	0.271
195	639.8	0.262
200	656.2	0.254
205	672.6	0.246
210	689.0	0.238
215	705.4	0.230
220	721.8	0.223
225	738.2	0.216
230	754.6	0.209
235	771.0	0.202
240	787.4	0.195
245	803.8	0.189
250	820.2	0.183
255	836.6	0.177
260	853.0	0.171
265	869.4	0.166
270	885.8	0.160
275	902.2	0.155
280	918.6	0.150
285	935.0	0.145
290	951.4	0.141
295	967.8	0.136
300	984.3	0.132

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** Lakes Environmental AERMOD MPI
**
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**
** AERMOD INPUT PRODUCED BY:
** AERMOD VIEW VER. 13.0.0
** LAKES ENVIRONMENTAL SOFTWARE INC.
** DATE: 9/18/2025
** FILE: C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FERRY_09_2025.ADI
**
**************************************
**
**
**************************************
** AERMOD CONTROL PATHWAY
**************************************
**
**
CO STARTING
   TITLEONE C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER
   MODELOPT DFAULT CONC
   AVERTIME 1 PERIOD
   POLLUTID PM_10
   FLAGPOLE 1.50
   RUNORNOT RUN
   ERRORFIL "BERKLEY FERRY_09_2025.ERR"
CO FINISHED
**
**************************************
** AERMOD SOURCE PATHWAY
**************************************
**
**
SO STARTING
** SOURCE LOCATION **
** SOURCE ID - TYPE - X COORD. - Y COORD. **
** ------------------------------------------------------------------
** LINE SOURCE REPRESENTED BY SEPARATED VOLUME SOURCES (2W)
** LINE VOLUME SOURCE ID = DREDG
** DESCRSRC DREDGING
** PREFIX
** LENGTH OF SIDE = 20.00
** CONFIGURATION = SEPARATED 2W
** EMISSION RATE = 1.0
** VERTICAL DIMENSION = 6.80
** SZINIT = 3.16
** NODES = 9
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** 556292.488, 4189311.748, 0.00, 3.40, 18.60
** 559914.963, 4190895.921, 0.00, 3.40, 18.60
** 559988.891, 4190663.575, 0.00, 3.40, 18.60
** 558986.783, 4190191.482, 0.00, 3.40, 18.60
** 558939.764, 4190270.256, 0.00, 3.40, 18.60
** 559924.335, 4190714.151, 0.00, 3.40, 18.60
** 559874.705, 4190807.523, 0.00, 3.40, 18.60
** 556387.278, 4189242.676, 0.00, 3.40, 18.60
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   LOCATION L0000591     VOLUME   556340.060 4189332.552 0.00
   LOCATION L0000592     VOLUME   556376.709 4189348.579 0.00
   LOCATION L0000593     VOLUME   556413.358 4189364.607 0.00
   LOCATION L0000594     VOLUME   556450.007 4189380.634 0.00
   LOCATION L0000595     VOLUME   556486.655 4189396.661 0.00
   LOCATION L0000596     VOLUME   556523.304 4189412.688 0.00
   LOCATION L0000597     VOLUME   556559.953 4189428.715 0.00
   LOCATION L0000598     VOLUME   556596.602 4189444.742 0.00
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LOCATION L0000604     VOLUME   556816.494 4189540.905 0.00
LOCATION L0000605     VOLUME   556853.143 4189556.932 0.00
LOCATION L0000606     VOLUME   556889.792 4189572.959 0.00
LOCATION L0000607     VOLUME   556926.440 4189588.987 0.00
LOCATION L0000608     VOLUME   556963.089 4189605.014 0.00
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LOCATION L0000617     VOLUME   557292.928 4189749.258 0.00
LOCATION L0000618     VOLUME   557329.577 4189765.285 0.00
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LOCATION L0000620     VOLUME   557402.874 4189797.340 0.00
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LOCATION L0000622     VOLUME   557476.172 4189829.394 0.00
LOCATION L0000623     VOLUME   557512.820 4189845.421 0.00
LOCATION L0000624     VOLUME   557549.469 4189861.448 0.00
LOCATION L0000625     VOLUME   557586.118 4189877.475 0.00
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LOCATION L0000627     VOLUME   557659.415 4189909.530 0.00
LOCATION L0000628     VOLUME   557696.064 4189925.557 0.00
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LOCATION L0000635     VOLUME   557952.605 4190037.747 0.00
LOCATION L0000636     VOLUME   557989.254 4190053.774 0.00
LOCATION L0000637     VOLUME   558025.903 4190069.801 0.00
LOCATION L0000638     VOLUME   558062.551 4190085.828 0.00
LOCATION L0000639     VOLUME   558099.200 4190101.855 0.00
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LOCATION L0000642     VOLUME   558209.146 4190149.937 0.00
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LOCATION L0000644     VOLUME   558282.444 4190181.991 0.00
LOCATION L0000645     VOLUME   558319.093 4190198.018 0.00
LOCATION L0000646     VOLUME   558355.741 4190214.045 0.00
LOCATION L0000647     VOLUME   558392.390 4190230.073 0.00
LOCATION L0000648     VOLUME   558429.039 4190246.100 0.00
LOCATION L0000649     VOLUME   558465.688 4190262.127 0.00
LOCATION L0000650     VOLUME   558502.336 4190278.154 0.00
LOCATION L0000651     VOLUME   558538.985 4190294.181 0.00
LOCATION L0000652     VOLUME   558575.634 4190310.208 0.00
LOCATION L0000653     VOLUME   558612.283 4190326.235 0.00
LOCATION L0000654     VOLUME   558648.931 4190342.263 0.00
LOCATION L0000655     VOLUME   558685.580 4190358.290 0.00
LOCATION L0000656     VOLUME   558722.229 4190374.317 0.00
LOCATION L0000657     VOLUME   558758.878 4190390.344 0.00
LOCATION L0000658     VOLUME   558795.526 4190406.371 0.00
LOCATION L0000659     VOLUME   558832.175 4190422.398 0.00
LOCATION L0000660     VOLUME   558868.824 4190438.425 0.00
LOCATION L0000661     VOLUME   558905.473 4190454.453 0.00
LOCATION L0000662     VOLUME   558942.121 4190470.480 0.00
LOCATION L0000663     VOLUME   558978.770 4190486.507 0.00
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LOCATION L0000666     VOLUME   559088.716 4190534.588 0.00
LOCATION L0000667     VOLUME   559125.365 4190550.616 0.00
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LOCATION L0000672     VOLUME   559308.609 4190630.751 0.00
LOCATION L0000673     VOLUME   559345.258 4190646.778 0.00
LOCATION L0000674     VOLUME   559381.906 4190662.806 0.00
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LOCATION L0000678     VOLUME   559528.501 4190726.914 0.00
LOCATION L0000679     VOLUME   559565.150 4190742.941 0.00
LOCATION L0000680     VOLUME   559601.799 4190758.968 0.00
LOCATION L0000681     VOLUME   559638.448 4190774.996 0.00
LOCATION L0000682     VOLUME   559675.096 4190791.023 0.00
LOCATION L0000683     VOLUME   559711.745 4190807.050 0.00
LOCATION L0000684     VOLUME   559748.394 4190823.077 0.00
LOCATION L0000685     VOLUME   559785.042 4190839.104 0.00
LOCATION L0000686     VOLUME   559821.691 4190855.131 0.00
LOCATION L0000687     VOLUME   559858.340 4190871.158 0.00
LOCATION L0000688     VOLUME   559894.989 4190887.186 0.00
LOCATION L0000689     VOLUME   559920.481 4190878.578 0.00
LOCATION L0000690     VOLUME   559932.609 4190840.461 0.00
LOCATION L0000691     VOLUME   559944.737 4190802.344 0.14
LOCATION L0000692     VOLUME   559956.865 4190764.227 0.59
LOCATION L0000693     VOLUME   559968.994 4190726.110 0.00
LOCATION L0000694     VOLUME   559981.122 4190687.993 0.00
LOCATION L0000695     VOLUME   559975.886 4190657.449 0.00
LOCATION L0000696     VOLUME   559939.700 4190640.402 0.00
LOCATION L0000697     VOLUME   559903.515 4190623.355 0.00
LOCATION L0000698     VOLUME   559867.329 4190606.307 0.00
LOCATION L0000699     VOLUME   559831.143 4190589.260 0.00
LOCATION L0000700     VOLUME   559794.958 4190572.213 0.00
LOCATION L0000701     VOLUME   559758.772 4190555.166 0.00
LOCATION L0000702     VOLUME   559722.586 4190538.119 0.00
LOCATION L0000703     VOLUME   559686.401 4190521.072 0.00
LOCATION L0000704     VOLUME   559650.215 4190504.025 0.00
LOCATION L0000705     VOLUME   559614.030 4190486.978 0.00
LOCATION L0000706     VOLUME   559577.844 4190469.931 0.00
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LOCATION L0000708     VOLUME   559505.473 4190435.837 0.00
LOCATION L0000709     VOLUME   559469.287 4190418.790 0.00
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LOCATION L0000711     VOLUME   559396.916 4190384.696 0.00
LOCATION L0000712     VOLUME   559360.730 4190367.649 0.00
LOCATION L0000713     VOLUME   559324.545 4190350.602 0.00
LOCATION L0000714     VOLUME   559288.359 4190333.555 0.00
LOCATION L0000715     VOLUME   559252.174 4190316.508 0.00
LOCATION L0000716     VOLUME   559215.988 4190299.461 0.00
LOCATION L0000717     VOLUME   559179.802 4190282.414 0.00
LOCATION L0000718     VOLUME   559143.617 4190265.367 0.00
LOCATION L0000719     VOLUME   559107.431 4190248.320 0.00
LOCATION L0000720     VOLUME   559071.245 4190231.273 0.00
LOCATION L0000721     VOLUME   559035.060 4190214.226 0.00
LOCATION L0000722     VOLUME   558998.874 4190197.179 0.00
LOCATION L0000723     VOLUME   558973.132 4190214.352 0.00
LOCATION L0000724     VOLUME   558952.631 4190248.699 0.00
LOCATION L0000725     VOLUME   558953.342 4190276.377 0.00
LOCATION L0000726     VOLUME   558989.807 4190292.818 0.00
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LOCATION L0000728     VOLUME   559062.738 4190325.699 0.00
LOCATION L0000729     VOLUME   559099.203 4190342.139 0.00
LOCATION L0000730     VOLUME   559135.668 4190358.580 0.00
LOCATION L0000731     VOLUME   559172.134 4190375.020 0.00
LOCATION L0000732     VOLUME   559208.599 4190391.460 0.00
LOCATION L0000733     VOLUME   559245.064 4190407.901 0.00
LOCATION L0000734     VOLUME   559281.529 4190424.341 0.00
LOCATION L0000735     VOLUME   559317.995 4190440.782 0.00
LOCATION L0000736     VOLUME   559354.460 4190457.222 0.00
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LOCATION L0000738     VOLUME   559427.390 4190490.103 0.00
LOCATION L0000739     VOLUME   559463.855 4190506.543 0.00
LOCATION L0000740     VOLUME   559500.321 4190522.984 0.00
LOCATION L0000741     VOLUME   559536.786 4190539.424 0.05
LOCATION L0000742     VOLUME   559573.251 4190555.864 0.00
LOCATION L0000743     VOLUME   559609.716 4190572.305 0.02
LOCATION L0000744     VOLUME   559646.182 4190588.745 0.00
LOCATION L0000745     VOLUME   559682.647 4190605.186 0.00
LOCATION L0000746     VOLUME   559719.112 4190621.626 0.00
LOCATION L0000747     VOLUME   559755.577 4190638.066 0.00
LOCATION L0000748     VOLUME   559792.043 4190654.507 0.00
LOCATION L0000749     VOLUME   559828.508 4190670.947 0.00
LOCATION L0000750     VOLUME   559864.973 4190687.388 0.02
LOCATION L0000751     VOLUME   559901.438 4190703.828 0.00
LOCATION L0000752     VOLUME   559917.349 4190727.294 0.31
LOCATION L0000753     VOLUME   559898.575 4190762.614 0.46
LOCATION L0000754     VOLUME   559879.801 4190797.935 0.00
LOCATION L0000755     VOLUME   559848.118 4190795.593 0.00
LOCATION L0000756     VOLUME   559811.623 4190779.218 0.00
LOCATION L0000757     VOLUME   559775.129 4190762.842 0.00
LOCATION L0000758     VOLUME   559738.634 4190746.467 0.00
LOCATION L0000759     VOLUME   559702.140 4190730.091 0.00
LOCATION L0000760     VOLUME   559665.645 4190713.716 0.00
LOCATION L0000761     VOLUME   559629.151 4190697.340 0.00
LOCATION L0000762     VOLUME   559592.656 4190680.965 0.00
LOCATION L0000763     VOLUME   559556.162 4190664.589 0.00
LOCATION L0000764     VOLUME   559519.668 4190648.214 0.00
LOCATION L0000765     VOLUME   559483.173 4190631.838 0.00
LOCATION L0000766     VOLUME   559446.679 4190615.463 0.00
LOCATION L0000767     VOLUME   559410.184 4190599.087 0.00
LOCATION L0000768     VOLUME   559373.690 4190582.712 0.00
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LOCATION L0000772     VOLUME   559227.712 4190517.210 0.00
LOCATION L0000773     VOLUME   559191.218 4190500.835 0.00
LOCATION L0000774     VOLUME   559154.723 4190484.459 0.00
LOCATION L0000775     VOLUME   559118.229 4190468.084 0.00
LOCATION L0000776     VOLUME   559081.734 4190451.708 0.00
LOCATION L0000777     VOLUME   559045.240 4190435.333 0.00
LOCATION L0000778     VOLUME   559008.745 4190418.957 0.00
LOCATION L0000779     VOLUME   558972.251 4190402.582 0.00
LOCATION L0000780     VOLUME   558935.756 4190386.206 0.00
LOCATION L0000781     VOLUME   558899.262 4190369.831 0.00
LOCATION L0000782     VOLUME   558862.768 4190353.456 0.00
LOCATION L0000783     VOLUME   558826.273 4190337.080 0.00
LOCATION L0000784     VOLUME   558789.779 4190320.705 0.00
LOCATION L0000785     VOLUME   558753.284 4190304.329 0.00
LOCATION L0000786     VOLUME   558716.790 4190287.954 0.00
LOCATION L0000787     VOLUME   558680.295 4190271.578 0.00
LOCATION L0000788     VOLUME   558643.801 4190255.203 0.00
LOCATION L0000789     VOLUME   558607.306 4190238.827 0.00
LOCATION L0000790     VOLUME   558570.812 4190222.452 0.00
LOCATION L0000791     VOLUME   558534.318 4190206.076 0.00
LOCATION L0000792     VOLUME   558497.823 4190189.701 0.00
LOCATION L0000793     VOLUME   558461.329 4190173.326 0.00
LOCATION L0000794     VOLUME   558424.834 4190156.950 0.00
LOCATION L0000795     VOLUME   558388.340 4190140.575 0.00
LOCATION L0000796     VOLUME   558351.845 4190124.199 0.00
LOCATION L0000797     VOLUME   558315.351 4190107.824 0.00
LOCATION L0000798     VOLUME   558278.857 4190091.448 0.00
LOCATION L0000799     VOLUME   558242.362 4190075.073 0.00
LOCATION L0000800     VOLUME   558205.868 4190058.697 0.00
LOCATION L0000801     VOLUME   558169.373 4190042.322 0.00
LOCATION L0000802     VOLUME   558132.879 4190025.946 0.00
LOCATION L0000803     VOLUME   558096.384 4190009.571 0.00
LOCATION L0000804     VOLUME   558059.890 4189993.195 0.00
LOCATION L0000805     VOLUME   558023.395 4189976.820 0.00
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   LOCATION L0000806     VOLUME   557986.901 4189960.445 0.00
   LOCATION L0000807     VOLUME   557950.407 4189944.069 0.00
   LOCATION L0000808     VOLUME   557913.912 4189927.694 0.00
   LOCATION L0000809     VOLUME   557877.418 4189911.318 0.00
   LOCATION L0000810     VOLUME   557840.923 4189894.943 0.00
   LOCATION L0000811     VOLUME   557804.429 4189878.567 0.00
   LOCATION L0000812     VOLUME   557767.934 4189862.192 0.00
   LOCATION L0000813     VOLUME   557731.440 4189845.816 0.00
   LOCATION L0000814     VOLUME   557694.945 4189829.441 0.00
   LOCATION L0000815     VOLUME   557658.451 4189813.065 0.00
   LOCATION L0000816     VOLUME   557621.957 4189796.690 0.00
   LOCATION L0000817     VOLUME   557585.462 4189780.315 0.00
   LOCATION L0000818     VOLUME   557548.968 4189763.939 0.00
   LOCATION L0000819     VOLUME   557512.473 4189747.564 0.00
   LOCATION L0000820     VOLUME   557475.979 4189731.188 0.00
   LOCATION L0000821     VOLUME   557439.484 4189714.813 0.00
   LOCATION L0000822     VOLUME   557402.990 4189698.437 0.00
   LOCATION L0000823     VOLUME   557366.495 4189682.062 0.00
   LOCATION L0000824     VOLUME   557330.001 4189665.686 0.00
   LOCATION L0000825     VOLUME   557293.507 4189649.311 0.00
   LOCATION L0000826     VOLUME   557257.012 4189632.935 0.00
   LOCATION L0000827     VOLUME   557220.518 4189616.560 0.00
   LOCATION L0000828     VOLUME   557184.023 4189600.184 0.00
   LOCATION L0000829     VOLUME   557147.529 4189583.809 0.00
   LOCATION L0000830     VOLUME   557111.034 4189567.434 0.00
   LOCATION L0000831     VOLUME   557074.540 4189551.058 0.00
   LOCATION L0000832     VOLUME   557038.045 4189534.683 0.00
   LOCATION L0000833     VOLUME   557001.551 4189518.307 0.00
   LOCATION L0000834     VOLUME   556965.057 4189501.932 0.00
   LOCATION L0000835     VOLUME   556928.562 4189485.556 0.00
   LOCATION L0000836     VOLUME   556892.068 4189469.181 0.00
   LOCATION L0000837     VOLUME   556855.573 4189452.805 0.00
   LOCATION L0000838     VOLUME   556819.079 4189436.430 0.00
   LOCATION L0000839     VOLUME   556782.584 4189420.054 0.00
   LOCATION L0000840     VOLUME   556746.090 4189403.679 0.00
   LOCATION L0000841     VOLUME   556709.595 4189387.303 0.00
   LOCATION L0000842     VOLUME   556673.101 4189370.928 0.00
   LOCATION L0000843     VOLUME   556636.607 4189354.553 0.00
   LOCATION L0000844     VOLUME   556600.112 4189338.177 0.00
   LOCATION L0000845     VOLUME   556563.618 4189321.802 0.00
   LOCATION L0000846     VOLUME   556527.123 4189305.426 0.00
   LOCATION L0000847     VOLUME   556490.629 4189289.051 0.00
   LOCATION L0000848     VOLUME   556454.134 4189272.675 0.00
   LOCATION L0000849     VOLUME   556417.640 4189256.300 0.00
** END OF LINE VOLUME SOURCE ID = DREDG
** ----------------------------------------------------------------
** LINE SOURCE REPRESENTED BY SEPARATED VOLUME SOURCES (2W)
** LINE VOLUME SOURCE ID = PEIR
** DESCRSRC PEIR FLOAT BREAKWATER WORK
** PREFIX
** LENGTH OF SIDE = 20.00
** CONFIGURATION = SEPARATED 2W
** EMISSION RATE = 1.0
** VERTICAL DIMENSION = 6.80
** SZINIT = 3.16
** NODES = 5
** 560004.787, 4190790.651, 0.61, 3.40, 18.60
** 559167.116, 4190369.994, 0.00, 3.40, 18.60
** 559121.056, 4190466.446, 0.00, 3.40, 18.60
** 559115.035, 4190470.541, 0.00, 3.40, 18.60
** 559983.476, 4190858.010, 0.05, 3.40, 18.60
** ----------------------------------------------------------------
   LOCATION L0000850     VOLUME   559995.850 4190786.164 0.41
   LOCATION L0000851     VOLUME   559960.104 4190768.213 0.72
   LOCATION L0000852     VOLUME   559924.358 4190750.262 0.60
   LOCATION L0000853     VOLUME   559888.612 4190732.311 0.53
   LOCATION L0000854     VOLUME   559852.867 4190714.361 0.93
   LOCATION L0000855     VOLUME   559817.121 4190696.410 0.33
   LOCATION L0000856     VOLUME   559781.375 4190678.459 0.29
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   LOCATION L0000857     VOLUME   559745.629 4190660.509 0.13
   LOCATION L0000858     VOLUME   559709.883 4190642.558 0.42
   LOCATION L0000859     VOLUME   559674.137 4190624.607 0.00
   LOCATION L0000860     VOLUME   559638.391 4190606.657 0.34
   LOCATION L0000861     VOLUME   559602.645 4190588.706 0.26
   LOCATION L0000862     VOLUME   559566.899 4190570.755 0.14
   LOCATION L0000863     VOLUME   559531.153 4190552.804 0.40
   LOCATION L0000864     VOLUME   559495.407 4190534.854 0.00
   LOCATION L0000865     VOLUME   559459.661 4190516.903 0.00
   LOCATION L0000866     VOLUME   559423.915 4190498.952 0.00
   LOCATION L0000867     VOLUME   559388.169 4190481.002 0.00
   LOCATION L0000868     VOLUME   559352.423 4190463.051 0.00
   LOCATION L0000869     VOLUME   559316.678 4190445.100 0.00
   LOCATION L0000870     VOLUME   559280.932 4190427.149 0.00
   LOCATION L0000871     VOLUME   559245.186 4190409.199 0.00
   LOCATION L0000872     VOLUME   559209.440 4190391.248 0.00
   LOCATION L0000873     VOLUME   559173.694 4190373.297 0.00
   LOCATION L0000874     VOLUME   559153.051 4190399.448 0.43
   LOCATION L0000875     VOLUME   559135.814 4190435.543 0.36
   LOCATION L0000876     VOLUME   559116.298 4190469.682 0.00
   LOCATION L0000877     VOLUME   559150.170 4190486.217 0.00
   LOCATION L0000878     VOLUME   559186.699 4190502.515 0.00
   LOCATION L0000879     VOLUME   559223.228 4190518.813 0.00
   LOCATION L0000880     VOLUME   559259.757 4190535.111 0.00
   LOCATION L0000881     VOLUME   559296.286 4190551.409 0.00
   LOCATION L0000882     VOLUME   559332.815 4190567.707 0.00
   LOCATION L0000883     VOLUME   559369.344 4190584.005 0.00
   LOCATION L0000884     VOLUME   559405.873 4190600.303 0.00
   LOCATION L0000885     VOLUME   559442.402 4190616.601 0.00
   LOCATION L0000886     VOLUME   559478.931 4190632.899 0.00
   LOCATION L0000887     VOLUME   559515.460 4190649.197 0.00
   LOCATION L0000888     VOLUME   559551.990 4190665.495 0.00
   LOCATION L0000889     VOLUME   559588.519 4190681.793 0.00
   LOCATION L0000890     VOLUME   559625.048 4190698.091 0.00
   LOCATION L0000891     VOLUME   559661.577 4190714.389 0.00
   LOCATION L0000892     VOLUME   559698.106 4190730.687 0.00
   LOCATION L0000893     VOLUME   559734.635 4190746.985 0.00
   LOCATION L0000894     VOLUME   559771.164 4190763.283 0.00
   LOCATION L0000895     VOLUME   559807.693 4190779.581 0.00
   LOCATION L0000896     VOLUME   559844.222 4190795.879 0.00
   LOCATION L0000897     VOLUME   559880.751 4190812.177 0.00
   LOCATION L0000898     VOLUME   559917.280 4190828.475 0.00
   LOCATION L0000899     VOLUME   559953.810 4190844.773 0.00
** END OF LINE VOLUME SOURCE ID = PEIR
** ----------------------------------------------------------------------
** LINE SOURCE REPRESENTED BY SEPARATED VOLUME SOURCES (2W)
** LINE VOLUME SOURCE ID = BOATL
** DESCRSRC BOAT LAUNCH
** PREFIX
** LENGTH OF SIDE = 15.00
** CONFIGURATION = SEPARATED 2W
** EMISSION RATE = 1.0
** VERTICAL DIMENSION = 2.60
** SZINIT = 1.21
** NODES = 5
** 560198.590, 4190469.539, 0.57, 1.30, 13.95
** 560202.233, 4190458.611, 0.39, 1.30, 13.95
** 560218.624, 4190477.431, 0.02, 1.30, 13.95
** 560208.304, 4190484.716, 0.20, 1.30, 13.95
** 560204.054, 4190473.181, 0.28, 1.30, 13.95
** ----------------------------------------------------------------------
   LOCATION L0000445     VOLUME   560200.962 4190462.424 0.41
   LOCATION L0000446     VOLUME   560217.788 4190478.022 0.04
** END OF LINE VOLUME SOURCE ID = BOATL
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** LINE SOURCE REPRESENTED BY SEPARATED VOLUME SOURCES (2W)
** LINE VOLUME SOURCE ID = SEAWALL
** DESCRSRC SEAWALL DRIVE
** PREFIX
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** LENGTH OF SIDE = 15.00
** CONFIGURATION = SEPARATED 2W
** EMISSION RATE = 1.0
** VERTICAL DIMENSION = 2.60
** SZINIT = 1.21
** NODES = 27
** 560057.139, 4190777.333, 1.68, 1.30, 13.95
** 560143.952, 4190391.832, 0.55, 1.30, 13.95
** 560146.381, 4190441.006, 1.78, 1.30, 13.95
** 560155.487, 4190468.325, 1.95, 1.30, 13.95
** 560197.983, 4190473.181, 0.63, 1.30, 13.95
** 560208.911, 4190518.106, 0.82, 1.30, 13.95
** 560176.128, 4190632.239, 0.93, 1.30, 13.95
** 560086.279, 4190688.698, 1.59, 1.30, 13.95
** 560137.882, 4190450.719, 1.35, 1.30, 13.95
** 560154.273, 4190485.930, 1.78, 1.30, 13.95
** 560188.877, 4190490.180, 1.07, 1.30, 13.95
** 560197.376, 4190519.320, 0.85, 1.30, 13.95
** 560169.450, 4190623.739, 0.96, 1.30, 13.95
** 560099.635, 4190666.843, 1.80, 1.30, 13.95
** 560136.667, 4190489.573, 1.39, 1.30, 13.95
** 560183.413, 4190501.107, 1.02, 1.30, 13.95
** 560190.091, 4190532.069, 0.97, 1.30, 13.95
** 560159.737, 4190614.026, 1.06, 1.30, 13.95
** 560107.527, 4190645.595, 1.96, 1.30, 13.95
** 560145.774, 4190504.143, 1.95, 1.30, 13.95
** 560173.700, 4190510.214, 1.32, 1.30, 13.95
** 560182.199, 4190534.497, 1.01, 1.30, 13.95
** 560149.416, 4190607.955, 1.21, 1.30, 13.95
** 560118.455, 4190622.525, 1.96, 1.30, 13.95
** 560146.381, 4190519.320, 1.90, 1.30, 13.95
** 560171.271, 4190531.462, 1.38, 1.30, 13.95
** 560134.846, 4190601.277, 1.72, 1.30, 13.95
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   LOCATION L0000369     VOLUME   560058.787 4190770.016 1.69
   LOCATION L0000370     VOLUME   560065.377 4190740.749 1.82
   LOCATION L0000371     VOLUME   560071.968 4190711.482 1.17
   LOCATION L0000372     VOLUME   560078.559 4190682.215 1.01
   LOCATION L0000373     VOLUME   560085.150 4190652.948 1.45
   LOCATION L0000374     VOLUME   560091.741 4190623.681 1.80
   LOCATION L0000375     VOLUME   560098.332 4190594.414 1.11
   LOCATION L0000376     VOLUME   560104.923 4190565.147 0.77
   LOCATION L0000377     VOLUME   560111.513 4190535.879 1.21
   LOCATION L0000378     VOLUME   560118.104 4190506.612 1.65
   LOCATION L0000379     VOLUME   560124.695 4190477.345 1.07
   LOCATION L0000380     VOLUME   560131.286 4190448.078 1.26
   LOCATION L0000381     VOLUME   560137.877 4190418.811 1.01
   LOCATION L0000382     VOLUME   560144.068 4190394.173 0.87
   LOCATION L0000383     VOLUME   560145.548 4190424.137 1.54
   LOCATION L0000384     VOLUME   560150.527 4190453.444 1.91
   LOCATION L0000385     VOLUME   560169.708 4190469.950 1.46
   LOCATION L0000386     VOLUME   560198.348 4190474.679 0.50
   LOCATION L0000387     VOLUME   560205.438 4190503.829 0.94
   LOCATION L0000388     VOLUME   560204.685 4190532.818 0.38
   LOCATION L0000389     VOLUME   560196.403 4190561.652 0.57
   LOCATION L0000390     VOLUME   560188.121 4190590.486 0.84
   LOCATION L0000391     VOLUME   560179.839 4190619.320 1.00
   LOCATION L0000392     VOLUME   560162.107 4190641.049 1.00
   LOCATION L0000393     VOLUME   560136.706 4190657.011 1.56
   LOCATION L0000394     VOLUME   560111.305 4190672.972 2.00
   LOCATION L0000395     VOLUME   560086.373 4190688.264 1.55
   LOCATION L0000396     VOLUME   560092.730 4190658.946 1.96
   LOCATION L0000397     VOLUME   560099.088 4190629.627 2.00
   LOCATION L0000398     VOLUME   560105.445 4190600.308 1.48
   LOCATION L0000399     VOLUME   560111.803 4190570.990 1.29
   LOCATION L0000400     VOLUME   560118.160 4190541.671 1.65
   LOCATION L0000401     VOLUME   560124.517 4190512.352 2.00
   LOCATION L0000402     VOLUME   560130.875 4190483.034 1.41
   LOCATION L0000403     VOLUME   560137.232 4190453.715 1.46
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   LOCATION L0000404     VOLUME   560149.249 4190475.137 1.86
   LOCATION L0000405     VOLUME   560172.233 4190488.136 1.37
   LOCATION L0000406     VOLUME   560192.582 4190502.882 0.96
   LOCATION L0000407     VOLUME   560194.049 4190531.760 0.70
   LOCATION L0000408     VOLUME   560186.299 4190560.741 0.90
   LOCATION L0000409     VOLUME   560178.548 4190589.722 1.00
   LOCATION L0000410     VOLUME   560170.797 4190618.704 1.00
   LOCATION L0000411     VOLUME   560148.359 4190636.761 1.17
   LOCATION L0000412     VOLUME   560122.832 4190652.521 2.00
   LOCATION L0000413     VOLUME   560100.195 4190664.162 2.00
   LOCATION L0000414     VOLUME   560106.330 4190634.796 2.00
   LOCATION L0000415     VOLUME   560112.464 4190605.430 1.74
   LOCATION L0000416     VOLUME   560118.599 4190576.064 1.73
   LOCATION L0000417     VOLUME   560124.734 4190546.698 1.98
   LOCATION L0000418     VOLUME   560130.869 4190517.332 2.00
   LOCATION L0000419     VOLUME   560138.262 4190489.966 1.72
   LOCATION L0000420     VOLUME   560167.388 4190497.153 1.53
   LOCATION L0000421     VOLUME   560186.258 4190514.298 0.97
   LOCATION L0000422     VOLUME   560185.986 4190543.154 0.91
   LOCATION L0000423     VOLUME   560175.566 4190571.286 1.00
   LOCATION L0000424     VOLUME   560165.147 4190599.419 1.00
   LOCATION L0000425     VOLUME   560147.395 4190621.489 1.20
   LOCATION L0000426     VOLUME   560121.723 4190637.011 2.00
   LOCATION L0000427     VOLUME   560111.028 4190632.648 2.00
   LOCATION L0000428     VOLUME   560118.858 4190603.688 1.89
   LOCATION L0000429     VOLUME   560126.689 4190574.728 1.89
   LOCATION L0000430     VOLUME   560134.519 4190545.768 1.88
   LOCATION L0000431     VOLUME   560142.349 4190516.808 2.00
   LOCATION L0000432     VOLUME   560162.269 4190507.729 1.70
   LOCATION L0000433     VOLUME   560179.746 4190527.488 1.12
   LOCATION L0000434     VOLUME   560172.999 4190555.112 1.13
   LOCATION L0000435     VOLUME   560160.773 4190582.507 1.00
   LOCATION L0000436     VOLUME   560147.486 4190608.863 1.20
   LOCATION L0000437     VOLUME   560120.342 4190621.637 1.98
   LOCATION L0000438     VOLUME   560125.746 4190595.580 1.92
   LOCATION L0000439     VOLUME   560133.582 4190566.621 1.66
   LOCATION L0000440     VOLUME   560141.418 4190537.662 1.98
   LOCATION L0000441     VOLUME   560156.266 4190524.142 1.90
   LOCATION L0000442     VOLUME   560165.118 4190543.257 1.47
   LOCATION L0000443     VOLUME   560151.241 4190569.855 1.07
   LOCATION L0000444     VOLUME   560137.364 4190596.452 1.53
** END OF LINE VOLUME SOURCE ID = SEAWALL
** ----------------------------------------------------------------------
** LINE SOURCE REPRESENTED BY SEPARATED VOLUME SOURCES (2W)
** LINE VOLUME SOURCE ID = PLAZA
** DESCRSRC PLAZA WORK
** PREFIX
** LENGTH OF SIDE = 15.00
** CONFIGURATION = SEPARATED 2W
** EMISSION RATE = 1.0
** VERTICAL DIMENSION = 2.60
** SZINIT = 1.21
** NODES = 11
** 560023.369, 4190847.300, 1.21, 1.30, 13.95
** 560028.833, 4190814.062, 1.01, 1.30, 13.95
** 560052.054, 4190786.288, 1.21, 1.30, 13.95
** 560068.446, 4190799.037, 1.98, 1.30, 13.95
** 560056.152, 4190849.577, 2.00, 1.30, 13.95
** 560028.833, 4190844.113, 1.57, 1.30, 13.95
** 560049.322, 4190799.037, 1.48, 1.30, 13.95
** 560059.339, 4190806.777, 1.91, 1.30, 13.95
** 560049.778, 4190842.292, 2.00, 1.30, 13.95
** 560038.850, 4190840.471, 1.88, 1.30, 13.95
** 560049.322, 4190813.151, 1.49, 1.30, 13.95
** ----------------------------------------------------------------------
   LOCATION L0000447     VOLUME   560024.586 4190839.900 1.41
   LOCATION L0000448     VOLUME   560031.280 4190811.135 1.13
   LOCATION L0000449     VOLUME   560050.523 4190788.119 1.31
   LOCATION L0000450     VOLUME   560066.827 4190805.690 2.00
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   LOCATION L0000451     VOLUME   560059.737 4190834.840 1.99
   LOCATION L0000452     VOLUME   560041.607 4190846.668 2.00
   LOCATION L0000453     VOLUME   560035.857 4190828.661 1.76
   LOCATION L0000454     VOLUME   560048.271 4190801.350 1.41
   LOCATION L0000455     VOLUME   560055.492 4190821.067 1.86
   LOCATION L0000456     VOLUME   560041.867 4190840.973 2.00
   LOCATION L0000457     VOLUME   560048.493 4190815.314 1.65
** END OF LINE VOLUME SOURCE ID = PLAZA
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** LINE SOURCE REPRESENTED BY SEPARATED VOLUME SOURCES (2W)
** LINE VOLUME SOURCE ID = UNIVERSITY
** DESCRSRC UNIVERSITY AVE AND AMENIIES
** PREFIX
** LENGTH OF SIDE = 10.00
** CONFIGURATION = SEPARATED 2W
** EMISSION RATE = 1.0
** VERTICAL DIMENSION = 2.60
** SZINIT = 1.21
** NODES = 24
** 560077.097, 4190836.828, 2.00, 1.30, 9.30
** 560179.088, 4190869.156, 1.78, 1.30, 9.30
** 560402.194, 4190931.534, 1.81, 1.30, 9.30
** 560439.530, 4190940.641, 1.77, 1.30, 9.30
** 560494.168, 4190956.577, 1.94, 1.30, 9.30
** 560526.951, 4190981.619, 1.68, 1.30, 9.30
** 560571.117, 4191026.240, 1.84, 1.30, 9.30
** 560605.266, 4191071.317, 1.01, 1.30, 9.30
** 560632.585, 4191096.815, 4.48, 1.30, 9.30
** 560756.431, 4191123.678, 2.77, 1.30, 9.30
** 560949.031, 4191171.031, 2.88, 1.30, 9.30
** 561091.545, 4191200.627, 4.12, 1.30, 9.30
** 561078.796, 4191223.393, 4.03, 1.30, 9.30
** 560990.920, 4191194.253, 2.93, 1.30, 9.30
** 560822.452, 4191150.997, 2.00, 1.30, 9.30
** 560681.759, 4191117.759, 3.32, 1.30, 9.30
** 560606.176, 4191098.181, 2.97, 1.30, 9.30
** 560585.232, 4191089.530, 1.08, 1.30, 9.30
** 560573.849, 4191050.372, 1.07, 1.30, 9.30
** 560526.040, 4190991.636, 1.67, 1.30, 9.30
** 560494.623, 4190959.764, 1.92, 1.30, 9.30
** 560339.815, 4190918.330, 1.94, 1.30, 9.30
** 560136.743, 4190864.602, 1.79, 1.30, 9.30
** 560075.731, 4190844.568, 2.00, 1.30, 9.30
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   LOCATION L0000458     VOLUME   560081.863 4190838.339 2.00
   LOCATION L0000459     VOLUME   560100.928 4190844.382 2.00
   LOCATION L0000460     VOLUME   560119.993 4190850.425 2.00
   LOCATION L0000461     VOLUME   560139.059 4190856.468 1.65
   LOCATION L0000462     VOLUME   560158.124 4190862.511 1.25
   LOCATION L0000463     VOLUME   560177.189 4190868.554 1.81
   LOCATION L0000464     VOLUME   560196.431 4190874.005 1.67
   LOCATION L0000465     VOLUME   560215.692 4190879.390 1.40
   LOCATION L0000466     VOLUME   560234.954 4190884.775 1.17
   LOCATION L0000467     VOLUME   560254.215 4190890.160 1.00
   LOCATION L0000468     VOLUME   560273.476 4190895.546 1.00
   LOCATION L0000469     VOLUME   560292.737 4190900.931 1.15
   LOCATION L0000470     VOLUME   560311.999 4190906.316 1.33
   LOCATION L0000471     VOLUME   560331.260 4190911.702 1.51
   LOCATION L0000472     VOLUME   560350.521 4190917.087 1.69
   LOCATION L0000473     VOLUME   560369.783 4190922.472 1.87
   LOCATION L0000474     VOLUME   560389.044 4190927.858 2.00
   LOCATION L0000475     VOLUME   560408.359 4190933.038 1.61
   LOCATION L0000476     VOLUME   560427.789 4190937.777 1.38
   LOCATION L0000477     VOLUME   560447.129 4190942.857 1.55
   LOCATION L0000478     VOLUME   560466.329 4190948.457 1.73
   LOCATION L0000479     VOLUME   560485.529 4190954.057 1.92
   LOCATION L0000480     VOLUME   560502.910 4190963.254 2.00
   LOCATION L0000481     VOLUME   560518.803 4190975.395 1.82
   LOCATION L0000482     VOLUME   560533.808 4190988.547 1.37
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LOCATION L0000483     VOLUME   560547.877 4191002.761 1.54
LOCATION L0000484     VOLUME   560561.947 4191016.976 1.98
LOCATION L0000485     VOLUME   560575.322 4191031.792 1.49
LOCATION L0000486     VOLUME   560587.400 4191047.734 1.45
LOCATION L0000487     VOLUME   560599.477 4191063.675 1.37
LOCATION L0000488     VOLUME   560612.878 4191078.422 1.17
LOCATION L0000489     VOLUME   560627.499 4191092.068 2.88
LOCATION L0000490     VOLUME   560645.332 4191099.580 3.87
LOCATION L0000491     VOLUME   560664.878 4191103.819 3.78
LOCATION L0000492     VOLUME   560684.423 4191108.059 3.23
LOCATION L0000493     VOLUME   560703.969 4191112.299 2.87
LOCATION L0000494     VOLUME   560723.514 4191116.538 3.00
LOCATION L0000495     VOLUME   560743.060 4191120.778 2.66
LOCATION L0000496     VOLUME   560762.566 4191125.187 2.43
LOCATION L0000497     VOLUME   560781.988 4191129.962 2.04
LOCATION L0000498     VOLUME   560801.409 4191134.737 2.00
LOCATION L0000499     VOLUME   560820.831 4191139.512 2.00
LOCATION L0000500     VOLUME   560840.252 4191144.287 2.00
LOCATION L0000501     VOLUME   560859.674 4191149.062 2.00
LOCATION L0000502     VOLUME   560879.096 4191153.837 2.00
LOCATION L0000503     VOLUME   560898.517 4191158.612 2.00
LOCATION L0000504     VOLUME   560917.939 4191163.387 2.44
LOCATION L0000505     VOLUME   560937.360 4191168.162 2.99
LOCATION L0000506     VOLUME   560956.846 4191172.654 2.84
LOCATION L0000507     VOLUME   560976.428 4191176.721 2.52
LOCATION L0000508     VOLUME   560996.011 4191180.788 2.48
LOCATION L0000509     VOLUME   561015.593 4191184.854 2.61
LOCATION L0000510     VOLUME   561035.175 4191188.921 2.85
LOCATION L0000511     VOLUME   561054.757 4191192.987 3.05
LOCATION L0000512     VOLUME   561074.339 4191197.054 3.70
LOCATION L0000513     VOLUME   561090.359 4191202.745 4.23
LOCATION L0000514     VOLUME   561080.587 4191220.195 3.98
LOCATION L0000515     VOLUME   561063.292 4191218.252 3.82
LOCATION L0000516     VOLUME   561044.309 4191211.957 3.36
LOCATION L0000517     VOLUME   561025.325 4191205.662 3.02
LOCATION L0000518     VOLUME   561006.342 4191199.367 3.00
LOCATION L0000519     VOLUME   560987.285 4191193.319 2.73
LOCATION L0000520     VOLUME   560967.914 4191188.346 2.34
LOCATION L0000521     VOLUME   560948.542 4191183.372 2.72
LOCATION L0000522     VOLUME   560929.170 4191178.398 2.92
LOCATION L0000523     VOLUME   560909.799 4191173.424 2.40
LOCATION L0000524     VOLUME   560890.427 4191168.450 2.07
LOCATION L0000525     VOLUME   560871.055 4191163.477 2.00
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LOCATION L0000528     VOLUME   560812.895 4191148.740 2.01
LOCATION L0000529     VOLUME   560793.431 4191144.141 2.17
LOCATION L0000530     VOLUME   560773.967 4191139.543 2.38
LOCATION L0000531     VOLUME   560754.502 4191134.945 2.91
LOCATION L0000532     VOLUME   560735.038 4191130.346 2.92
LOCATION L0000533     VOLUME   560715.574 4191125.748 2.83
LOCATION L0000534     VOLUME   560696.110 4191121.150 2.55
LOCATION L0000535     VOLUME   560676.673 4191116.442 3.04
LOCATION L0000536     VOLUME   560657.312 4191111.427 3.84
LOCATION L0000537     VOLUME   560637.951 4191106.411 4.84
LOCATION L0000538     VOLUME   560618.590 4191101.396 3.50
LOCATION L0000539     VOLUME   560599.543 4191095.441 2.27
LOCATION L0000540     VOLUME   560583.971 4191085.193 1.58
LOCATION L0000541     VOLUME   560578.388 4191065.988 1.06
LOCATION L0000542     VOLUME   560571.489 4191047.473 1.00
LOCATION L0000543     VOLUME   560558.864 4191031.962 1.48
LOCATION L0000544     VOLUME   560546.238 4191016.451 2.00
LOCATION L0000545     VOLUME   560533.613 4191000.940 1.65
LOCATION L0000546     VOLUME   560520.421 4190985.936 1.77
LOCATION L0000547     VOLUME   560506.381 4190971.692 2.00
LOCATION L0000548     VOLUME   560491.483 4190958.923 2.00
LOCATION L0000549     VOLUME   560472.163 4190953.753 1.91
LOCATION L0000550     VOLUME   560452.843 4190948.582 1.74
LOCATION L0000551     VOLUME   560433.523 4190943.411 1.56
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   LOCATION L0000553     VOLUME   560394.883 4190933.069 1.96
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   LOCATION L0000555     VOLUME   560356.243 4190922.727 1.88
   LOCATION L0000556     VOLUME   560336.921 4190917.564 1.70
   LOCATION L0000557     VOLUME   560317.586 4190912.449 1.53
   LOCATION L0000558     VOLUME   560298.252 4190907.333 1.36
   LOCATION L0000559     VOLUME   560278.917 4190902.218 1.19
   LOCATION L0000560     VOLUME   560259.582 4190897.102 1.02
   LOCATION L0000561     VOLUME   560240.248 4190891.987 1.09
   LOCATION L0000562     VOLUME   560220.913 4190886.871 1.51
   LOCATION L0000563     VOLUME   560201.578 4190881.756 1.70
   LOCATION L0000564     VOLUME   560182.243 4190876.641 1.97
   LOCATION L0000565     VOLUME   560162.909 4190871.525 1.43
   LOCATION L0000566     VOLUME   560143.574 4190866.410 1.33
   LOCATION L0000567     VOLUME   560124.454 4190860.567 1.97
   LOCATION L0000568     VOLUME   560105.453 4190854.328 2.00
   LOCATION L0000569     VOLUME   560086.451 4190848.088 2.00
** END OF LINE VOLUME SOURCE ID = UNIVERSITY
   LOCATION UNIPM        AREAPOLY   560572.483  4191094.993        2.190
** DESCRSRC PM2.5
   LOCATION PLAPM        AREAPOLY   560062.071  4190855.951        2.000
** DESCRSRC PLAZA PM2.5
   LOCATION SEAPM        AREAPOLY   560061.616  4190781.279        1.890
** DESCRSRC SEAWALL PM2.5
   LOCATION BLPM         AREAPOLY   560209.594  4190486.233        0.410
** DESCRSRC BOAT LAUNCH PM2.5
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** LINE SOURCE REPRESENTED BY SEPARATED VOLUME SOURCES (2W)
** LINE VOLUME SOURCE ID = HAUL1
** DESCRSRC
** PREFIX
** LENGTH OF SIDE = 25.00
** CONFIGURATION = SEPARATED 2W
** EMISSION RATE = 1.0
** VERTICAL DIMENSION = 6.80
** SZINIT = 3.16
** NODES = 2
** 561092.911, 4191217.019, 4.21, 3.40, 23.26
** 561237.702, 4191259.818, 3.22, 3.40, 23.26
** ------------------------------------------------------------------
   LOCATION L0000570     VOLUME   561104.899 4191220.562 4.72
   LOCATION L0000571     VOLUME   561152.848 4191234.736 5.59
   LOCATION L0000572     VOLUME   561200.797 4191248.909 6.06
** END OF LINE VOLUME SOURCE ID = HAUL1
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** LINE SOURCE REPRESENTED BY SEPARATED VOLUME SOURCES (2W)
** LINE VOLUME SOURCE ID = HAUL2
** DESCRSRC HAUL SOUTH
** PREFIX
** LENGTH OF SIDE = 50.00
** CONFIGURATION = SEPARATED 2W
** EMISSION RATE = 1.0
** VERTICAL DIMENSION = 6.80
** SZINIT = 3.16
** NODES = 4
** 561237.247, 4191260.274, 3.25, 3.40, 46.51
** 561313.285, 4190947.926, 2.00, 3.40, 46.51
** 561362.460, 4190721.177, 3.68, 3.40, 46.51
** 561387.047, 4190626.016, 2.01, 3.40, 46.51
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   LOCATION L0000574     VOLUME   561266.814 4191138.821 5.79
   LOCATION L0000575     VOLUME   561290.467 4191041.658 2.86
   LOCATION L0000576     VOLUME   561314.033 4190944.476 2.00
   LOCATION L0000577     VOLUME   561335.227 4190846.748 1.60
   LOCATION L0000578     VOLUME   561356.421 4190749.020 2.42
   LOCATION L0000579     VOLUME   561380.348 4190651.941 3.53
** END OF LINE VOLUME SOURCE ID = HAUL2
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** LINE SOURCE REPRESENTED BY SEPARATED VOLUME SOURCES (2W)
** LINE VOLUME SOURCE ID = HAUL3
** DESCRSRC HAUL NORTH
** PREFIX
** LENGTH OF SIDE = 50.00
** CONFIGURATION = SEPARATED 2W
** EMISSION RATE = 1.0
** VERTICAL DIMENSION = 6.80
** SZINIT = 3.16
** NODES = 4
** 561237.247, 4191259.363, 3.19, 3.40, 46.51
** 561168.949, 4191538.473, 3.00, 3.40, 46.51
** 561104.750, 4191783.890, 3.00, 3.40, 46.51
** 561077.886, 4191887.702, 3.00, 3.40, 46.51
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   LOCATION L0000580     VOLUME   561231.305 4191283.647 3.86
   LOCATION L0000581     VOLUME   561207.536 4191380.781 3.50
   LOCATION L0000582     VOLUME   561183.768 4191477.915 3.00
   LOCATION L0000583     VOLUME   561159.420 4191574.903 3.00
   LOCATION L0000584     VOLUME   561134.112 4191671.647 3.00
   LOCATION L0000585     VOLUME   561108.804 4191768.392 3.00
   LOCATION L0000586     VOLUME   561083.711 4191865.192 3.00
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** SOURCE PARAMETERS **
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SRCPARAM L0000738     0.0038022814      3.40     18.60      3.16
SRCPARAM L0000739     0.0038022814      3.40     18.60      3.16
SRCPARAM L0000740     0.0038022814      3.40     18.60      3.16
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SRCPARAM L0000742     0.0038022814      3.40     18.60      3.16
SRCPARAM L0000743     0.0038022814      3.40     18.60      3.16
SRCPARAM L0000744     0.0038022814      3.40     18.60      3.16
SRCPARAM L0000745     0.0038022814      3.40     18.60      3.16
SRCPARAM L0000746     0.0038022814      3.40     18.60      3.16
SRCPARAM L0000747     0.0038022814      3.40     18.60      3.16
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SRCPARAM L0000749     0.0038022814      3.40     18.60      3.16
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SRCPARAM L0000751     0.0038022814      3.40     18.60      3.16
SRCPARAM L0000752     0.0038022814      3.40     18.60      3.16
SRCPARAM L0000753     0.0038022814      3.40     18.60      3.16
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SRCPARAM L0000762     0.0038022814      3.40     18.60      3.16
SRCPARAM L0000763     0.0038022814      3.40     18.60      3.16
SRCPARAM L0000764     0.0038022814      3.40     18.60      3.16
SRCPARAM L0000765     0.0038022814      3.40     18.60      3.16
SRCPARAM L0000766     0.0038022814      3.40     18.60      3.16
SRCPARAM L0000767     0.0038022814      3.40     18.60      3.16
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SRCPARAM L0000768     0.0038022814      3.40     18.60      3.16
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SRCPARAM L0000770     0.0038022814      3.40     18.60      3.16
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SRCPARAM L0000774     0.0038022814      3.40     18.60      3.16
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SRCPARAM L0000776     0.0038022814      3.40     18.60      3.16
SRCPARAM L0000777     0.0038022814      3.40     18.60      3.16
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SRCPARAM L0000779     0.0038022814      3.40     18.60      3.16
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SRCPARAM L0000782     0.0038022814      3.40     18.60      3.16
SRCPARAM L0000783     0.0038022814      3.40     18.60      3.16
SRCPARAM L0000784     0.0038022814      3.40     18.60      3.16
SRCPARAM L0000785     0.0038022814      3.40     18.60      3.16
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SRCPARAM L0000787     0.0038022814      3.40     18.60      3.16
SRCPARAM L0000788     0.0038022814      3.40     18.60      3.16
SRCPARAM L0000789     0.0038022814      3.40     18.60      3.16
SRCPARAM L0000790     0.0038022814      3.40     18.60      3.16
SRCPARAM L0000791     0.0038022814      3.40     18.60      3.16
SRCPARAM L0000792     0.0038022814      3.40     18.60      3.16
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SRCPARAM L0000799     0.0038022814      3.40     18.60      3.16
SRCPARAM L0000800     0.0038022814      3.40     18.60      3.16
SRCPARAM L0000801     0.0038022814      3.40     18.60      3.16
SRCPARAM L0000802     0.0038022814      3.40     18.60      3.16
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SRCPARAM L0000806     0.0038022814      3.40     18.60      3.16
SRCPARAM L0000807     0.0038022814      3.40     18.60      3.16
SRCPARAM L0000808     0.0038022814      3.40     18.60      3.16
SRCPARAM L0000809     0.0038022814      3.40     18.60      3.16
SRCPARAM L0000810     0.0038022814      3.40     18.60      3.16
SRCPARAM L0000811     0.0038022814      3.40     18.60      3.16
SRCPARAM L0000812     0.0038022814      3.40     18.60      3.16
SRCPARAM L0000813     0.0038022814      3.40     18.60      3.16
SRCPARAM L0000814     0.0038022814      3.40     18.60      3.16
SRCPARAM L0000815     0.0038022814      3.40     18.60      3.16
SRCPARAM L0000816     0.0038022814      3.40     18.60      3.16
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SRCPARAM L0000818     0.0038022814      3.40     18.60      3.16
SRCPARAM L0000819     0.0038022814      3.40     18.60      3.16
SRCPARAM L0000820     0.0038022814      3.40     18.60      3.16
SRCPARAM L0000821     0.0038022814      3.40     18.60      3.16
SRCPARAM L0000822     0.0038022814      3.40     18.60      3.16
SRCPARAM L0000823     0.0038022814      3.40     18.60      3.16
SRCPARAM L0000824     0.0038022814      3.40     18.60      3.16
SRCPARAM L0000825     0.0038022814      3.40     18.60      3.16
SRCPARAM L0000826     0.0038022814      3.40     18.60      3.16
SRCPARAM L0000827     0.0038022814      3.40     18.60      3.16
SRCPARAM L0000828     0.0038022814      3.40     18.60      3.16
SRCPARAM L0000829     0.0038022814      3.40     18.60      3.16
SRCPARAM L0000830     0.0038022814      3.40     18.60      3.16
SRCPARAM L0000831     0.0038022814      3.40     18.60      3.16
SRCPARAM L0000832     0.0038022814      3.40     18.60      3.16
SRCPARAM L0000833     0.0038022814      3.40     18.60      3.16
SRCPARAM L0000834     0.0038022814      3.40     18.60      3.16
SRCPARAM L0000835     0.0038022814      3.40     18.60      3.16
SRCPARAM L0000836     0.0038022814      3.40     18.60      3.16
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   SRCPARAM L0000837     0.0038022814      3.40     18.60      3.16
   SRCPARAM L0000838     0.0038022814      3.40     18.60      3.16
   SRCPARAM L0000839     0.0038022814      3.40     18.60      3.16
   SRCPARAM L0000840     0.0038022814      3.40     18.60      3.16
   SRCPARAM L0000841     0.0038022814      3.40     18.60      3.16
   SRCPARAM L0000842     0.0038022814      3.40     18.60      3.16
   SRCPARAM L0000843     0.0038022814      3.40     18.60      3.16
   SRCPARAM L0000844     0.0038022814      3.40     18.60      3.16
   SRCPARAM L0000845     0.0038022814      3.40     18.60      3.16
   SRCPARAM L0000846     0.0038022814      3.40     18.60      3.16
   SRCPARAM L0000847     0.0038022814      3.40     18.60      3.16
   SRCPARAM L0000848     0.0038022814      3.40     18.60      3.16
   SRCPARAM L0000849     0.0038022814      3.40     18.60      3.16
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** LINE VOLUME SOURCE ID = PEIR
   SRCPARAM L0000850          0.02      3.40     18.60      3.16
   SRCPARAM L0000851          0.02      3.40     18.60      3.16
   SRCPARAM L0000852          0.02      3.40     18.60      3.16
   SRCPARAM L0000853          0.02      3.40     18.60      3.16
   SRCPARAM L0000854          0.02      3.40     18.60      3.16
   SRCPARAM L0000855          0.02      3.40     18.60      3.16
   SRCPARAM L0000856          0.02      3.40     18.60      3.16
   SRCPARAM L0000857          0.02      3.40     18.60      3.16
   SRCPARAM L0000858          0.02      3.40     18.60      3.16
   SRCPARAM L0000859          0.02      3.40     18.60      3.16
   SRCPARAM L0000860          0.02      3.40     18.60      3.16
   SRCPARAM L0000861          0.02      3.40     18.60      3.16
   SRCPARAM L0000862          0.02      3.40     18.60      3.16
   SRCPARAM L0000863          0.02      3.40     18.60      3.16
   SRCPARAM L0000864          0.02      3.40     18.60      3.16
   SRCPARAM L0000865          0.02      3.40     18.60      3.16
   SRCPARAM L0000866          0.02      3.40     18.60      3.16
   SRCPARAM L0000867          0.02      3.40     18.60      3.16
   SRCPARAM L0000868          0.02      3.40     18.60      3.16
   SRCPARAM L0000869          0.02      3.40     18.60      3.16
   SRCPARAM L0000870          0.02      3.40     18.60      3.16
   SRCPARAM L0000871          0.02      3.40     18.60      3.16
   SRCPARAM L0000872          0.02      3.40     18.60      3.16
   SRCPARAM L0000873          0.02      3.40     18.60      3.16
   SRCPARAM L0000874          0.02      3.40     18.60      3.16
   SRCPARAM L0000875          0.02      3.40     18.60      3.16
   SRCPARAM L0000876          0.02      3.40     18.60      3.16
   SRCPARAM L0000877          0.02      3.40     18.60      3.16
   SRCPARAM L0000878          0.02      3.40     18.60      3.16
   SRCPARAM L0000879          0.02      3.40     18.60      3.16
   SRCPARAM L0000880          0.02      3.40     18.60      3.16
   SRCPARAM L0000881          0.02      3.40     18.60      3.16
   SRCPARAM L0000882          0.02      3.40     18.60      3.16
   SRCPARAM L0000883          0.02      3.40     18.60      3.16
   SRCPARAM L0000884          0.02      3.40     18.60      3.16
   SRCPARAM L0000885          0.02      3.40     18.60      3.16
   SRCPARAM L0000886          0.02      3.40     18.60      3.16
   SRCPARAM L0000887          0.02      3.40     18.60      3.16
   SRCPARAM L0000888          0.02      3.40     18.60      3.16
   SRCPARAM L0000889          0.02      3.40     18.60      3.16
   SRCPARAM L0000890          0.02      3.40     18.60      3.16
   SRCPARAM L0000891          0.02      3.40     18.60      3.16
   SRCPARAM L0000892          0.02      3.40     18.60      3.16
   SRCPARAM L0000893          0.02      3.40     18.60      3.16
   SRCPARAM L0000894          0.02      3.40     18.60      3.16
   SRCPARAM L0000895          0.02      3.40     18.60      3.16
   SRCPARAM L0000896          0.02      3.40     18.60      3.16
   SRCPARAM L0000897          0.02      3.40     18.60      3.16
   SRCPARAM L0000898          0.02      3.40     18.60      3.16
   SRCPARAM L0000899          0.02      3.40     18.60      3.16
** ------------------------------------------------------------------
** LINE VOLUME SOURCE ID = BOATL
   SRCPARAM L0000445           0.5      1.30     13.95      1.21
   SRCPARAM L0000446           0.5      1.30     13.95      1.21
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** LINE VOLUME SOURCE ID = SEAWALL
   SRCPARAM L0000369     0.0131578947      1.30     13.95      1.21
   SRCPARAM L0000370     0.0131578947      1.30     13.95      1.21
   SRCPARAM L0000371     0.0131578947      1.30     13.95      1.21
   SRCPARAM L0000372     0.0131578947      1.30     13.95      1.21
   SRCPARAM L0000373     0.0131578947      1.30     13.95      1.21
   SRCPARAM L0000374     0.0131578947      1.30     13.95      1.21
   SRCPARAM L0000375     0.0131578947      1.30     13.95      1.21
   SRCPARAM L0000376     0.0131578947      1.30     13.95      1.21
   SRCPARAM L0000377     0.0131578947      1.30     13.95      1.21
   SRCPARAM L0000378     0.0131578947      1.30     13.95      1.21
   SRCPARAM L0000379     0.0131578947      1.30     13.95      1.21
   SRCPARAM L0000380     0.0131578947      1.30     13.95      1.21
   SRCPARAM L0000381     0.0131578947      1.30     13.95      1.21
   SRCPARAM L0000382     0.0131578947      1.30     13.95      1.21
   SRCPARAM L0000383     0.0131578947      1.30     13.95      1.21
   SRCPARAM L0000384     0.0131578947      1.30     13.95      1.21
   SRCPARAM L0000385     0.0131578947      1.30     13.95      1.21
   SRCPARAM L0000386     0.0131578947      1.30     13.95      1.21
   SRCPARAM L0000387     0.0131578947      1.30     13.95      1.21
   SRCPARAM L0000388     0.0131578947      1.30     13.95      1.21
   SRCPARAM L0000389     0.0131578947      1.30     13.95      1.21
   SRCPARAM L0000390     0.0131578947      1.30     13.95      1.21
   SRCPARAM L0000391     0.0131578947      1.30     13.95      1.21
   SRCPARAM L0000392     0.0131578947      1.30     13.95      1.21
   SRCPARAM L0000393     0.0131578947      1.30     13.95      1.21
   SRCPARAM L0000394     0.0131578947      1.30     13.95      1.21
   SRCPARAM L0000395     0.0131578947      1.30     13.95      1.21
   SRCPARAM L0000396     0.0131578947      1.30     13.95      1.21
   SRCPARAM L0000397     0.0131578947      1.30     13.95      1.21
   SRCPARAM L0000398     0.0131578947      1.30     13.95      1.21
   SRCPARAM L0000399     0.0131578947      1.30     13.95      1.21
   SRCPARAM L0000400     0.0131578947      1.30     13.95      1.21
   SRCPARAM L0000401     0.0131578947      1.30     13.95      1.21
   SRCPARAM L0000402     0.0131578947      1.30     13.95      1.21
   SRCPARAM L0000403     0.0131578947      1.30     13.95      1.21
   SRCPARAM L0000404     0.0131578947      1.30     13.95      1.21
   SRCPARAM L0000405     0.0131578947      1.30     13.95      1.21
   SRCPARAM L0000406     0.0131578947      1.30     13.95      1.21
   SRCPARAM L0000407     0.0131578947      1.30     13.95      1.21
   SRCPARAM L0000408     0.0131578947      1.30     13.95      1.21
   SRCPARAM L0000409     0.0131578947      1.30     13.95      1.21
   SRCPARAM L0000410     0.0131578947      1.30     13.95      1.21
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   SRCPARAM L0000412     0.0131578947      1.30     13.95      1.21
   SRCPARAM L0000413     0.0131578947      1.30     13.95      1.21
   SRCPARAM L0000414     0.0131578947      1.30     13.95      1.21
   SRCPARAM L0000415     0.0131578947      1.30     13.95      1.21
   SRCPARAM L0000416     0.0131578947      1.30     13.95      1.21
   SRCPARAM L0000417     0.0131578947      1.30     13.95      1.21
   SRCPARAM L0000418     0.0131578947      1.30     13.95      1.21
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   SRCPARAM L0000422     0.0131578947      1.30     13.95      1.21
   SRCPARAM L0000423     0.0131578947      1.30     13.95      1.21
   SRCPARAM L0000424     0.0131578947      1.30     13.95      1.21
   SRCPARAM L0000425     0.0131578947      1.30     13.95      1.21
   SRCPARAM L0000426     0.0131578947      1.30     13.95      1.21
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   SRCPARAM L0000428     0.0131578947      1.30     13.95      1.21
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   SRCPARAM L0000430     0.0131578947      1.30     13.95      1.21
   SRCPARAM L0000431     0.0131578947      1.30     13.95      1.21
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   SRCPARAM L0000433     0.0131578947      1.30     13.95      1.21
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   SRCPARAM L0000435     0.0131578947      1.30     13.95      1.21
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   SRCPARAM L0000436     0.0131578947      1.30     13.95      1.21
   SRCPARAM L0000437     0.0131578947      1.30     13.95      1.21
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   SRCPARAM L0000442     0.0131578947      1.30     13.95      1.21
   SRCPARAM L0000443     0.0131578947      1.30     13.95      1.21
   SRCPARAM L0000444     0.0131578947      1.30     13.95      1.21
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** LINE VOLUME SOURCE ID = PLAZA
   SRCPARAM L0000447     0.0909090909      1.30     13.95      1.21
   SRCPARAM L0000448     0.0909090909      1.30     13.95      1.21
   SRCPARAM L0000449     0.0909090909      1.30     13.95      1.21
   SRCPARAM L0000450     0.0909090909      1.30     13.95      1.21
   SRCPARAM L0000451     0.0909090909      1.30     13.95      1.21
   SRCPARAM L0000452     0.0909090909      1.30     13.95      1.21
   SRCPARAM L0000453     0.0909090909      1.30     13.95      1.21
   SRCPARAM L0000454     0.0909090909      1.30     13.95      1.21
   SRCPARAM L0000455     0.0909090909      1.30     13.95      1.21
   SRCPARAM L0000456     0.0909090909      1.30     13.95      1.21
   SRCPARAM L0000457     0.0909090909      1.30     13.95      1.21
** ------------------------------------------------------------------
** LINE VOLUME SOURCE ID = UNIVERSITY
   SRCPARAM L0000458     0.0089285714      1.30      9.30      1.21
   SRCPARAM L0000459     0.0089285714      1.30      9.30      1.21
   SRCPARAM L0000460     0.0089285714      1.30      9.30      1.21
   SRCPARAM L0000461     0.0089285714      1.30      9.30      1.21
   SRCPARAM L0000462     0.0089285714      1.30      9.30      1.21
   SRCPARAM L0000463     0.0089285714      1.30      9.30      1.21
   SRCPARAM L0000464     0.0089285714      1.30      9.30      1.21
   SRCPARAM L0000465     0.0089285714      1.30      9.30      1.21
   SRCPARAM L0000466     0.0089285714      1.30      9.30      1.21
   SRCPARAM L0000467     0.0089285714      1.30      9.30      1.21
   SRCPARAM L0000468     0.0089285714      1.30      9.30      1.21
   SRCPARAM L0000469     0.0089285714      1.30      9.30      1.21
   SRCPARAM L0000470     0.0089285714      1.30      9.30      1.21
   SRCPARAM L0000471     0.0089285714      1.30      9.30      1.21
   SRCPARAM L0000472     0.0089285714      1.30      9.30      1.21
   SRCPARAM L0000473     0.0089285714      1.30      9.30      1.21
   SRCPARAM L0000474     0.0089285714      1.30      9.30      1.21
   SRCPARAM L0000475     0.0089285714      1.30      9.30      1.21
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   SRCPARAM L0000477     0.0089285714      1.30      9.30      1.21
   SRCPARAM L0000478     0.0089285714      1.30      9.30      1.21
   SRCPARAM L0000479     0.0089285714      1.30      9.30      1.21
   SRCPARAM L0000480     0.0089285714      1.30      9.30      1.21
   SRCPARAM L0000481     0.0089285714      1.30      9.30      1.21
   SRCPARAM L0000482     0.0089285714      1.30      9.30      1.21
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   SRCPARAM L0000484     0.0089285714      1.30      9.30      1.21
   SRCPARAM L0000485     0.0089285714      1.30      9.30      1.21
   SRCPARAM L0000486     0.0089285714      1.30      9.30      1.21
   SRCPARAM L0000487     0.0089285714      1.30      9.30      1.21
   SRCPARAM L0000488     0.0089285714      1.30      9.30      1.21
   SRCPARAM L0000489     0.0089285714      1.30      9.30      1.21
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   SRCPARAM L0000493     0.0089285714      1.30      9.30      1.21
   SRCPARAM L0000494     0.0089285714      1.30      9.30      1.21
   SRCPARAM L0000495     0.0089285714      1.30      9.30      1.21
   SRCPARAM L0000496     0.0089285714      1.30      9.30      1.21
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   SRCPARAM L0000498     0.0089285714      1.30      9.30      1.21
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   SRCPARAM L0000502     0.0089285714      1.30      9.30      1.21
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   SRCPARAM L0000514     0.0089285714      1.30      9.30      1.21
   SRCPARAM L0000515     0.0089285714      1.30      9.30      1.21
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   SRCPARAM L0000517     0.0089285714      1.30      9.30      1.21
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   SRCPARAM L0000519     0.0089285714      1.30      9.30      1.21
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   SRCPARAM L0000521     0.0089285714      1.30      9.30      1.21
   SRCPARAM L0000522     0.0089285714      1.30      9.30      1.21
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   SRCPARAM L0000525     0.0089285714      1.30      9.30      1.21
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   SRCPARAM L0000527     0.0089285714      1.30      9.30      1.21
   SRCPARAM L0000528     0.0089285714      1.30      9.30      1.21
   SRCPARAM L0000529     0.0089285714      1.30      9.30      1.21
   SRCPARAM L0000530     0.0089285714      1.30      9.30      1.21
   SRCPARAM L0000531     0.0089285714      1.30      9.30      1.21
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   SRCPARAM L0000544     0.0089285714      1.30      9.30      1.21
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   SRCPARAM L0000568     0.0089285714      1.30      9.30      1.21
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   SRCPARAM UNIPM        0.0000413329     0.000        18
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   AREAVERT UNIPM        560572.483 4191094.993 561087.903 4191229.312
   AREAVERT UNIPM        561098.375 4191191.976 560946.299 4191167.389
   AREAVERT UNIPM        560689.044 4191097.270 560629.853 4190090.440
   AREAVERT UNIPM        560504.640 4190955.666 560376.241 4190919.696
   AREAVERT UNIPM        560145.850 4190853.219 560072.999 4190825.900
   AREAVERT UNIPM        560067.080 4190851.854 560126.726 4190869.611
   AREAVERT UNIPM        560226.896 4190894.653 560311.586 4190916.509
   AREAVERT UNIPM        560494.168 4190962.040 560553.815 4191027.606
   AREAVERT UNIPM        560564.287 4191049.917 560571.117 4191069.040
   SRCPARAM PLAPM        0.000376167     0.000         5
   AREAVERT PLAPM        560062.071 4190855.951 560018.816 4190848.211
   AREAVERT PLAPM        560025.646 4190812.241 560049.322 4190784.011
   AREAVERT PLAPM        560074.365 4190796.305
   SRCPARAM SEAPM        0.0000476112     0.000        11
   AREAVERT SEAPM        560061.616 4190781.279 560052.054 4190776.271
   AREAVERT SEAPM        560141.752 4190386.063 560148.126 4190390.161
   AREAVERT SEAPM        560142.663 4190420.667 560153.135 4190447.076
   AREAVERT SEAPM        560154.501 4190461.646 560201.399 4190468.476
   AREAVERT SEAPM        560212.326 4190515.829 560175.445 4190637.399
   AREAVERT SEAPM        560078.463 4190694.769
   SRCPARAM BLPM         0.0031342358     0.000         4
   AREAVERT BLPM         560209.594 4190486.233 560197.301 4190465.289
   AREAVERT BLPM         560202.765 4190455.272 560220.522 4190477.127
** LINE VOLUME SOURCE ID = HAUL1
   SRCPARAM L0000570     0.3333333333      3.40     23.26      3.16
   SRCPARAM L0000571     0.3333333333      3.40     23.26      3.16
   SRCPARAM L0000572     0.3333333333      3.40     23.26      3.16
** ------------------------------------------------------------------------
** LINE VOLUME SOURCE ID = HAUL2
   SRCPARAM L0000573     0.1428571429      3.40     46.51      3.16
   SRCPARAM L0000574     0.1428571429      3.40     46.51      3.16
   SRCPARAM L0000575     0.1428571429      3.40     46.51      3.16
   SRCPARAM L0000576     0.1428571429      3.40     46.51      3.16
   SRCPARAM L0000577     0.1428571429      3.40     46.51      3.16
   SRCPARAM L0000578     0.1428571429      3.40     46.51      3.16
   SRCPARAM L0000579     0.1428571429      3.40     46.51      3.16
** ------------------------------------------------------------------------
** LINE VOLUME SOURCE ID = HAUL3
   SRCPARAM L0000580     0.1428571429      3.40     46.51      3.16
   SRCPARAM L0000581     0.1428571429      3.40     46.51      3.16
   SRCPARAM L0000582     0.1428571429      3.40     46.51      3.16
   SRCPARAM L0000583     0.1428571429      3.40     46.51      3.16
   SRCPARAM L0000584     0.1428571429      3.40     46.51      3.16
   SRCPARAM L0000585     0.1428571429      3.40     46.51      3.16
   SRCPARAM L0000586     0.1428571429      3.40     46.51      3.16
** ------------------------------------------------------------------------

** VARIABLE EMISSIONS TYPE: "BY HOUR / DAY (HRDOW)"
** VARIABLE EMISSION SCENARIO: "SCENARIO 2"
** WEEKDAYS:
   EMISFACT L0000587     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000587     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000587     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0000587     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000588     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000588     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000588     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0000588     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000589     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000589     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0000589     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000590     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000590     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0000590     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000591     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000591     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000591     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
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EMISFACT L0000591     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000592     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
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EMISFACT L0000593     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
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EMISFACT L0000594     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000594     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
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EMISFACT L0000597     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
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EMISFACT L0000598     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000818     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000818     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
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** SATURDAY:
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   EMISFACT L0000858     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0000873     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000874     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000874     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
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EMISFACT L0000875     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
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EMISFACT L0000877     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
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** SATURDAY:
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   EMISFACT L0000899     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WEEKDAYS:
   EMISFACT L0000445     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000445     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000445     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0000445     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000446     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000446     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000446     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0000446     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SATURDAY:
   EMISFACT L0000445     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000445     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000445     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0000445     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000446     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000446     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000446     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0000446     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SUNDAY:
   EMISFACT L0000445     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000445     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000445     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000445     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000446     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000446     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000446     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000446     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WEEKDAYS:
   EMISFACT L0000369     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000369     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000369     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0000369     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000370     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000370     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000370     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0000370     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000371     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000371     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000371     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0000371     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000372     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000372     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000372     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0000372     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000373     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000373     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000373     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0000373     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000374     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000374     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000374     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0000374     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000375     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000376     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
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EMISFACT L0000377     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
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EMISFACT L0000378     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000378     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
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EMISFACT L0000419     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
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** SUNDAY:
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EMISFACT L0000405     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000405     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000405     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000406     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000406     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000407     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000408     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000409     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000409     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000410     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000410     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000410     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000411     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000411     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000411     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000411     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000412     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000412     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000413     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000414     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000414     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000414     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000415     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000415     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000420     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000429     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000440     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000440     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000441     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000441     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000441     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000442     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000442     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000442     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000442     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000443     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000443     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000443     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000443     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000444     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000444     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000444     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000444     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WEEKDAYS:
   EMISFACT L0000447     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000447     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000447     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0000447     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000448     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000448     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000448     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
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   EMISFACT L0000448     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000449     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000449     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000449     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0000449     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000450     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000450     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000450     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0000450     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000451     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000451     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000451     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0000451     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000452     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000452     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000452     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0000452     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000453     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000453     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000453     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0000453     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000454     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000454     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000454     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0000454     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000455     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000455     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000455     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0000455     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000456     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000456     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000456     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0000456     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000457     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000457     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000457     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0000457     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SATURDAY:
   EMISFACT L0000447     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000447     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000447     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0000447     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000448     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000448     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000448     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0000448     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000449     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000449     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000449     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0000449     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000450     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000450     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000450     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0000450     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000451     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000451     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000451     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0000451     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000452     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000452     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000452     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0000452     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000453     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000453     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000453     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0000453     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000454     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000454     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000454     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
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   EMISFACT L0000454     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000455     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000455     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000455     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0000455     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000456     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000456     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000456     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0000456     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000457     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000457     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000457     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0000457     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SUNDAY:
   EMISFACT L0000447     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000447     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000447     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000447     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000448     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** SUNDAY:
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EMISFACT L0000549     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000549     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000549     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000550     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000550     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000550     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000550     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000551     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000551     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000552     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000552     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000552     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000552     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000553     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000554     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000554     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000554     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000554     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000555     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000555     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000555     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000556     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000556     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000556     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000556     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000557     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000557     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000557     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000557     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000558     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000558     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000558     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000559     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000559     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000560     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000560     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000560     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000560     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000561     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000561     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000561     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000561     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000562     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000562     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000562     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000562     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000563     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000563     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000563     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000563     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000564     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000564     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000564     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000564     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000565     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000565     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000565     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000565     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000566     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000566     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000566     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000566     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000567     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000567     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000567     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000567     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000568     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000568     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000568     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000568     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000569     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000569     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000569     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000569     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WEEKDAYS:
   EMISFACT UNIPM        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT UNIPM        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT UNIPM        HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT UNIPM        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SATURDAY:
   EMISFACT UNIPM        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT UNIPM        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT UNIPM        HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT UNIPM        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SUNDAY:
   EMISFACT UNIPM        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT UNIPM        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT UNIPM        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT UNIPM        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WEEKDAYS:
   EMISFACT PLAPM        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PLAPM        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT PLAPM        HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT PLAPM        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SATURDAY:
   EMISFACT PLAPM        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PLAPM        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT PLAPM        HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT PLAPM        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SUNDAY:
   EMISFACT PLAPM        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PLAPM        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PLAPM        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PLAPM        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WEEKDAYS:
   EMISFACT SEAPM        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT SEAPM        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT SEAPM        HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT SEAPM        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SATURDAY:
   EMISFACT SEAPM        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT SEAPM        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT SEAPM        HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT SEAPM        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SUNDAY:
   EMISFACT SEAPM        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT SEAPM        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT SEAPM        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT SEAPM        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WEEKDAYS:
   EMISFACT BLPM         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT BLPM         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT BLPM         HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT BLPM         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SATURDAY:
   EMISFACT BLPM         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT BLPM         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT BLPM         HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT BLPM         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SUNDAY:
   EMISFACT BLPM         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT BLPM         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT BLPM         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT BLPM         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WEEKDAYS:
   EMISFACT L0000570     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000570     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000570     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0000570     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000571     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000571     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000571     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0000571     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000572     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000572     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000572     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0000572     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SATURDAY:
   EMISFACT L0000570     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000570     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000570     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0000570     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000571     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000571     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000571     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0000571     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000572     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000572     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000572     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0000572     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SUNDAY:
   EMISFACT L0000570     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000570     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000570     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000570     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000571     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000571     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000571     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000571     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000572     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000572     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000572     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000572     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WEEKDAYS:
   EMISFACT L0000573     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000573     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000573     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0000573     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000574     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000574     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000574     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0000574     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000575     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000575     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000575     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0000575     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000576     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000576     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000576     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0000576     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000577     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000577     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000577     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0000577     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000578     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000578     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000578     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0000578     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000579     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000579     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000579     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0000579     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SATURDAY:
   EMISFACT L0000573     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000573     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000573     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0000573     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000574     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000574     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000574     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0000574     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000575     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000575     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000575     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0000575     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000576     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000576     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000576     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0000576     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000577     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000577     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000577     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0000577     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000578     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000578     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000578     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0000578     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000579     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000579     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000579     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0000579     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SUNDAY:
   EMISFACT L0000573     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000573     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000573     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000573     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000574     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000574     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000574     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000574     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000575     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000575     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000575     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000575     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000576     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000576     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000576     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000576     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000577     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000577     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000577     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000577     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000578     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000578     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000578     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000578     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000579     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000579     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000579     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000579     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WEEKDAYS:
   EMISFACT L0000580     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000580     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000580     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0000580     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000581     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000581     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000581     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0000581     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000582     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000582     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000582     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0000582     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000583     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000583     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000583     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0000583     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000584     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000584     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000584     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0000584     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000585     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000585     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000585     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0000585     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000586     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000586     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000586     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0000586     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SATURDAY:
   EMISFACT L0000580     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000580     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000580     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0000580     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000581     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000581     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000581     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0000581     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000582     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000582     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000582     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0000582     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000583     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000583     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000583     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0000583     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000584     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000584     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000584     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0000584     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000585     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000585     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000585     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0000585     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000586     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000586     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000586     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0000586     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SUNDAY:
   EMISFACT L0000580     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000580     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000580     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000580     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000581     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000581     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000581     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000581     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000582     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000582     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000582     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000582     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000583     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000583     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000583     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000583     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000584     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000584     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000584     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000584     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000585     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000585     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000585     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000585     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000586     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000586     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000586     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000586     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
SRCGROUP BLPM     BLPM
SRCGROUP BOATL    L0000445 L0000446
SRCGROUP DREDG    L0000587 L0000588 L0000589 L0000590 L0000591 L0000592
SRCGROUP DREDG    L0000593 L0000594 L0000595 L0000596 L0000597 L0000598
SRCGROUP DREDG    L0000599 L0000600 L0000601 L0000602 L0000603 L0000604
SRCGROUP DREDG    L0000605 L0000606 L0000607 L0000608 L0000609 L0000610
SRCGROUP DREDG    L0000611 L0000612 L0000613 L0000614 L0000615 L0000616
SRCGROUP DREDG    L0000617 L0000618 L0000619 L0000620 L0000621 L0000622
SRCGROUP DREDG    L0000623 L0000624 L0000625 L0000626 L0000627 L0000628
SRCGROUP DREDG    L0000629 L0000630 L0000631 L0000632 L0000633 L0000634
SRCGROUP DREDG    L0000635 L0000636 L0000637 L0000638 L0000639 L0000640
SRCGROUP DREDG    L0000641 L0000642 L0000643 L0000644 L0000645 L0000646
SRCGROUP DREDG    L0000647 L0000648 L0000649 L0000650 L0000651 L0000652
SRCGROUP DREDG    L0000653 L0000654 L0000655 L0000656 L0000657 L0000658
SRCGROUP DREDG    L0000659 L0000660 L0000661 L0000662 L0000663 L0000664
SRCGROUP DREDG    L0000665 L0000666 L0000667 L0000668 L0000669 L0000670
SRCGROUP DREDG    L0000671 L0000672 L0000673 L0000674 L0000675 L0000676
SRCGROUP DREDG    L0000677 L0000678 L0000679 L0000680 L0000681 L0000682
SRCGROUP DREDG    L0000683 L0000684 L0000685 L0000686 L0000687 L0000688
SRCGROUP DREDG    L0000689 L0000690 L0000691 L0000692 L0000693 L0000694
SRCGROUP DREDG    L0000695 L0000696 L0000697 L0000698 L0000699 L0000700
SRCGROUP DREDG    L0000701 L0000702 L0000703 L0000704 L0000705 L0000706
SRCGROUP DREDG    L0000707 L0000708 L0000709 L0000710 L0000711 L0000712
SRCGROUP DREDG    L0000713 L0000714 L0000715 L0000716 L0000717 L0000718
SRCGROUP DREDG    L0000719 L0000720 L0000721 L0000722 L0000723 L0000724
SRCGROUP DREDG    L0000725 L0000726 L0000727 L0000728 L0000729 L0000730
SRCGROUP DREDG    L0000731 L0000732 L0000733 L0000734 L0000735 L0000736
SRCGROUP DREDG    L0000737 L0000738 L0000739 L0000740 L0000741 L0000742
SRCGROUP DREDG    L0000743 L0000744 L0000745 L0000746 L0000747 L0000748
SRCGROUP DREDG    L0000749 L0000750 L0000751 L0000752 L0000753 L0000754
SRCGROUP DREDG    L0000755 L0000756 L0000757 L0000758 L0000759 L0000760
SRCGROUP DREDG    L0000761 L0000762 L0000763 L0000764 L0000765 L0000766
SRCGROUP DREDG    L0000767 L0000768 L0000769 L0000770 L0000771 L0000772
SRCGROUP DREDG    L0000773 L0000774 L0000775 L0000776 L0000777 L0000778
SRCGROUP DREDG    L0000779 L0000780 L0000781 L0000782 L0000783 L0000784
SRCGROUP DREDG    L0000785 L0000786 L0000787 L0000788 L0000789 L0000790
SRCGROUP DREDG    L0000791 L0000792 L0000793 L0000794 L0000795 L0000796
SRCGROUP DREDG    L0000797 L0000798 L0000799 L0000800 L0000801 L0000802
SRCGROUP DREDG    L0000803 L0000804 L0000805 L0000806 L0000807 L0000808
SRCGROUP DREDG    L0000809 L0000810 L0000811 L0000812 L0000813 L0000814
SRCGROUP DREDG    L0000815 L0000816 L0000817 L0000818 L0000819 L0000820
SRCGROUP DREDG    L0000821 L0000822 L0000823 L0000824 L0000825 L0000826
SRCGROUP DREDG    L0000827 L0000828 L0000829 L0000830 L0000831 L0000832
SRCGROUP DREDG    L0000833 L0000834 L0000835 L0000836 L0000837 L0000838
SRCGROUP DREDG    L0000839 L0000840 L0000841 L0000842 L0000843 L0000844
SRCGROUP DREDG    L0000845 L0000846 L0000847 L0000848 L0000849
SRCGROUP HAUL1    L0000570 L0000571 L0000572
```

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   SRCGROUP HAUL2    L0000573 L0000574 L0000575 L0000576 L0000577 L0000578
   SRCGROUP HAUL2    L0000579
   SRCGROUP HAUL3    L0000580 L0000581 L0000582 L0000583 L0000584 L0000585
   SRCGROUP HAUL3    L0000586
   SRCGROUP PEIR     L0000850 L0000851 L0000852 L0000853 L0000854 L0000855
   SRCGROUP PEIR     L0000856 L0000857 L0000858 L0000859 L0000860 L0000861
   SRCGROUP PEIR     L0000862 L0000863 L0000864 L0000865 L0000866 L0000867
   SRCGROUP PEIR     L0000868 L0000869 L0000870 L0000871 L0000872 L0000873
   SRCGROUP PEIR     L0000874 L0000875 L0000876 L0000877 L0000878 L0000879
   SRCGROUP PEIR     L0000880 L0000881 L0000882 L0000883 L0000884 L0000885
   SRCGROUP PEIR     L0000886 L0000887 L0000888 L0000889 L0000890 L0000891
   SRCGROUP PEIR     L0000892 L0000893 L0000894 L0000895 L0000896 L0000897
   SRCGROUP PEIR     L0000898 L0000899
   SRCGROUP PLAPM    PLAPM
   SRCGROUP PLAZA    L0000447 L0000448 L0000449 L0000450 L0000451 L0000452
   SRCGROUP PLAZA    L0000453 L0000454 L0000455 L0000456 L0000457
   SRCGROUP SEAPM    SEAPM
   SRCGROUP SEAWALL  L0000369 L0000370 L0000371 L0000372 L0000373 L0000374
   SRCGROUP SEAWALL  L0000375 L0000376 L0000377 L0000378 L0000379 L0000380
   SRCGROUP SEAWALL  L0000381 L0000382 L0000383 L0000384 L0000385 L0000386
   SRCGROUP SEAWALL  L0000387 L0000388 L0000389 L0000390 L0000391 L0000392
   SRCGROUP SEAWALL  L0000393 L0000394 L0000395 L0000396 L0000397 L0000398
   SRCGROUP SEAWALL  L0000399 L0000400 L0000401 L0000402 L0000403 L0000404
   SRCGROUP SEAWALL  L0000405 L0000406 L0000407 L0000408 L0000409 L0000410
   SRCGROUP SEAWALL  L0000411 L0000412 L0000413 L0000414 L0000415 L0000416
   SRCGROUP SEAWALL  L0000417 L0000418 L0000419 L0000420 L0000421 L0000422
   SRCGROUP SEAWALL  L0000423 L0000424 L0000425 L0000426 L0000427 L0000428
   SRCGROUP SEAWALL  L0000429 L0000430 L0000431 L0000432 L0000433 L0000434
   SRCGROUP SEAWALL  L0000435 L0000436 L0000437 L0000438 L0000439 L0000440
   SRCGROUP SEAWALL  L0000441 L0000442 L0000443 L0000444
   SRCGROUP UNIPM    UNIPM
   SRCGROUP UNIVERSI L0000458 L0000459 L0000460 L0000461 L0000462 L0000463
   SRCGROUP UNIVERSI L0000464 L0000465 L0000466 L0000467 L0000468 L0000469
   SRCGROUP UNIVERSI L0000470 L0000471 L0000472 L0000473 L0000474 L0000475
   SRCGROUP UNIVERSI L0000476 L0000477 L0000478 L0000479 L0000480 L0000481
   SRCGROUP UNIVERSI L0000482 L0000483 L0000484 L0000485 L0000486 L0000487
   SRCGROUP UNIVERSI L0000488 L0000489 L0000490 L0000491 L0000492 L0000493
   SRCGROUP UNIVERSI L0000494 L0000495 L0000496 L0000497 L0000498 L0000499
   SRCGROUP UNIVERSI L0000500 L0000501 L0000502 L0000503 L0000504 L0000505
   SRCGROUP UNIVERSI L0000506 L0000507 L0000508 L0000509 L0000510 L0000511
   SRCGROUP UNIVERSI L0000512 L0000513 L0000514 L0000515 L0000516 L0000517
   SRCGROUP UNIVERSI L0000518 L0000519 L0000520 L0000521 L0000522 L0000523
   SRCGROUP UNIVERSI L0000524 L0000525 L0000526 L0000527 L0000528 L0000529
   SRCGROUP UNIVERSI L0000530 L0000531 L0000532 L0000533 L0000534 L0000535
   SRCGROUP UNIVERSI L0000536 L0000537 L0000538 L0000539 L0000540 L0000541
   SRCGROUP UNIVERSI L0000542 L0000543 L0000544 L0000545 L0000546 L0000547
   SRCGROUP UNIVERSI L0000548 L0000549 L0000550 L0000551 L0000552 L0000553
   SRCGROUP UNIVERSI L0000554 L0000555 L0000556 L0000557 L0000558 L0000559
   SRCGROUP UNIVERSI L0000560 L0000561 L0000562 L0000563 L0000564 L0000565
   SRCGROUP UNIVERSI L0000566 L0000567 L0000568 L0000569
   SRCGROUP ALL
SO FINISHED
**
**************************************
** AERMOD RECEPTOR PATHWAY
**************************************
**
**
RE STARTING
   INCLUDED "BERKLEY FERRY_09_2025.ROU"
RE FINISHED
**
**************************************
** AERMOD METEOROLOGY PATHWAY
**************************************
**
**
ME STARTING
   SURFFILE "..\BERKLEY FERRY\BERKLEY FERRY.SFC"
```

```
   PROFFILE "..\BERKLEY FERRY\BERKLEY FERRY.PFL"
   SURFDATA 000 2013 OAKLAND_INTERNATIONAL_AIIRPORT_-_BAAQMD
   UAIRDATA 000 2013 OAKLAND
   PROFBASE 1.8 METERS
ME FINISHED
**
**************************************
** AERMOD OUTPUT PATHWAY
**************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 1 1ST
** AUTO-GENERATED PLOTFILES
   PLOTFILE   1 ALL 1ST "BERKLEY FERRY_09_2025.AD\01H1GALL.PLT" 31
   PLOTFILE   1 BLPM 1ST "BERKLEY FERRY_09_2025.AD\01H1G001.PLT" 32
   PLOTFILE   1 BOATL 1ST "BERKLEY FERRY_09_2025.AD\01H1G002.PLT" 33
   PLOTFILE   1 DREDG 1ST "BERKLEY FERRY_09_2025.AD\01H1G003.PLT" 34
   PLOTFILE   1 HAUL1 1ST "BERKLEY FERRY_09_2025.AD\01H1G004.PLT" 35
   PLOTFILE   1 HAUL2 1ST "BERKLEY FERRY_09_2025.AD\01H1G005.PLT" 36
   PLOTFILE   1 HAUL3 1ST "BERKLEY FERRY_09_2025.AD\01H1G006.PLT" 37
   PLOTFILE   1 PEIR 1ST "BERKLEY FERRY_09_2025.AD\01H1G007.PLT" 38
   PLOTFILE   1 PLAPM 1ST "BERKLEY FERRY_09_2025.AD\01H1G008.PLT" 39
   PLOTFILE   1 PLAZA 1ST "BERKLEY FERRY_09_2025.AD\01H1G009.PLT" 40
   PLOTFILE   1 SEAPM 1ST "BERKLEY FERRY_09_2025.AD\01H1G010.PLT" 41
   PLOTFILE   1 SEAWALL 1ST "BERKLEY FERRY_09_2025.AD\01H1G011.PLT" 42
   PLOTFILE   1 UNIPM 1ST "BERKLEY FERRY_09_2025.AD\01H1G012.PLT" 43
   PLOTFILE   1 UNIVERSI 1ST "BERKLEY FERRY_09_2025.AD\01H1G013.PLT" 44
   PLOTFILE   PERIOD ALL "BERKLEY FERRY_09_2025.AD\PE00GALL.PLT" 45
   PLOTFILE   PERIOD BLPM "BERKLEY FERRY_09_2025.AD\PE00G001.PLT" 46
   PLOTFILE   PERIOD BOATL "BERKLEY FERRY_09_2025.AD\PE00G002.PLT" 47
   PLOTFILE   PERIOD DREDG "BERKLEY FERRY_09_2025.AD\PE00G003.PLT" 48
   PLOTFILE   PERIOD HAUL1 "BERKLEY FERRY_09_2025.AD\PE00G004.PLT" 49
   PLOTFILE   PERIOD HAUL2 "BERKLEY FERRY_09_2025.AD\PE00G005.PLT" 50
   PLOTFILE   PERIOD HAUL3 "BERKLEY FERRY_09_2025.AD\PE00G006.PLT" 51
   PLOTFILE   PERIOD PEIR "BERKLEY FERRY_09_2025.AD\PE00G007.PLT" 52
   PLOTFILE   PERIOD PLAPM "BERKLEY FERRY_09_2025.AD\PE00G008.PLT" 53
   PLOTFILE   PERIOD PLAZA "BERKLEY FERRY_09_2025.AD\PE00G009.PLT" 54
   PLOTFILE   PERIOD SEAPM "BERKLEY FERRY_09_2025.AD\PE00G010.PLT" 55
   PLOTFILE   PERIOD SEAWALL "BERKLEY FERRY_09_2025.AD\PE00G011.PLT" 56
   PLOTFILE   PERIOD UNIPM "BERKLEY FERRY_09_2025.AD\PE00G012.PLT" 57
   PLOTFILE   PERIOD UNIVERSI "BERKLEY FERRY_09_2025.AD\PE00G013.PLT" 58
   SUMMFILE "BERKLEY FERRY_09_2025.SUM"
OU FINISHED


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

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

 A Total of            0 Fatal Error Message(s)
 A Total of            4 Warning Message(s)
 A Total of            0 Informational Message(s)


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


    ********   WARNING MESSAGES   ********
 ME W186    7939       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used          0.50
 ME W187    7939       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET
 ME W530    7939       MEOPEN: CAUTION! Met Station ID Mismatch with SURFFILE for     SURFDATA
 ME W530    7939       MEOPEN: CAUTION! Met Station ID Mismatch with SURFFILE for     UAIRDATA

 **********************************
 *** SETUP Finishes Successfully ***
 **********************************
```

```
*** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

                                            ***     MODEL SETUP OPTIONS SUMMARY       ***
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

** Model Options Selected:
     * Model Uses Regulatory DEFAULT Options
     * Model Is Setup For Calculation of Average CONCentration Values.
     * NO GAS DEPOSITION Data Provided.
     * NO PARTICLE DEPOSITION Data Provided.
     * Model Uses NO DRY DEPLETION. DDPLETE  =  F
     * Model Uses NO WET DEPLETION. WETDPLT  =  F
     * Stack-tip Downwash.
     * Model Accounts for ELEVated Terrain Effects.
     * Use Calms Processing Routine.
     * Use Missing Data Processing Routine.
     * No Exponential Decay.
     * Model Uses RURAL Dispersion Only.
     * ADJ_U*   - Use ADJ_U* option for SBL in AERMET
     * CCVR_Sub - Meteorological data includes CCVR substitutions
     * TEMP_Sub - Meteorological data includes TEMP substitutions
     * Model Accepts FLAGPOLE Receptor . Heights.
     * The User Specified a Pollutant Type of: PM_10

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

**This Run Includes:    535 Source(s);      14 Source Group(s); and    4277 Receptor(s)

               with:      0 POINT(s), including
                          0 POINTCAP(s) and      0 POINTHOR(s)
                and:    531 VOLUME source(s)
                and:      4 AREA type source(s)
                and:      0 LINE source(s)
                and:      0 RLINE/RLINEXT source(s)
                and:      0 OPENPIT source(s)
                and:      0 BUOYANT LINE source(s) with a total of     0 line(s)
                and:      0 SWPOINT source(s)


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

**The AERMET Input Meteorological Data Version Date:  18081

**Output Options Selected:
         Model Outputs Tables of PERIOD Averages by Receptor
         Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE Keyword)
         Model Outputs External File(s) of High Values for Plotting (PLOTFILE Keyword)
         Model Outputs Separate Summary File of High Ranked Values (SUMMFILE Keyword)

**NOTE:  The Following Flags May Appear Following CONC Values:  c for Calm Hours
                                                                m for Missing Hours
                                                                b for Both Calm and Missing Hours

**Misc. Inputs:  Base Elev. for Pot. Temp. Profile (m MSL) =     1.80 ;  Decay Coef. =    0.000     ;  Rot. Angle =
   0.0
                 Emission Units = GRAMS/SEC                                ;  Emission Rate Unit Factor =
0.10000E+07
                 Output Units   = MICROGRAMS/M**3

**Approximate Storage Requirements of Model =      7.2 MB of RAM.
```

*** VOLUME SOURCE DATA ***

AIRCRAFT SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0000587	0	0.38023E-02	556340.8	4189215.1	0.0	3.40	18.60	3.16	NO	HRDOW
NO										
L0000588	0	0.38023E-02	556322.9	4189250.9	0.0	3.40	18.60	3.16	NO	HRDOW
NO										
L0000589	0	0.38023E-02	556305.0	4189286.6	0.0	3.40	18.60	3.16	NO	HRDOW
NO										
L0000590	0	0.38023E-02	556303.4	4189316.5	0.0	3.40	18.60	3.16	NO	HRDOW
NO										
L0000591	0	0.38023E-02	556340.1	4189332.6	0.0	3.40	18.60	3.16	NO	HRDOW
NO										
L0000592	0	0.38023E-02	556376.7	4189348.6	0.0	3.40	18.60	3.16	NO	HRDOW
NO										
L0000593	0	0.38023E-02	556413.4	4189364.6	0.0	3.40	18.60	3.16	NO	HRDOW
NO										
L0000594	0	0.38023E-02	556450.0	4189380.6	0.0	3.40	18.60	3.16	NO	HRDOW
NO										
L0000595	0	0.38023E-02	556486.7	4189396.7	0.0	3.40	18.60	3.16	NO	HRDOW
NO										
L0000596	0	0.38023E-02	556523.3	4189412.7	0.0	3.40	18.60	3.16	NO	HRDOW
NO										
L0000597	0	0.38023E-02	556560.0	4189428.7	0.0	3.40	18.60	3.16	NO	HRDOW
NO										
L0000598	0	0.38023E-02	556596.6	4189444.7	0.0	3.40	18.60	3.16	NO	HRDOW
NO										
L0000599	0	0.38023E-02	556633.2	4189460.8	0.0	3.40	18.60	3.16	NO	HRDOW
NO										
L0000600	0	0.38023E-02	556669.9	4189476.8	0.0	3.40	18.60	3.16	NO	HRDOW
NO										
L0000601	0	0.38023E-02	556706.5	4189492.8	0.0	3.40	18.60	3.16	NO	HRDOW
NO										
L0000602	0	0.38023E-02	556743.2	4189508.9	0.0	3.40	18.60	3.16	NO	HRDOW
NO										
L0000603	0	0.38023E-02	556779.8	4189524.9	0.0	3.40	18.60	3.16	NO	HRDOW
NO										
L0000604	0	0.38023E-02	556816.5	4189540.9	0.0	3.40	18.60	3.16	NO	HRDOW
NO										
L0000605	0	0.38023E-02	556853.1	4189556.9	0.0	3.40	18.60	3.16	NO	HRDOW
NO										
L0000606	0	0.38023E-02	556889.8	4189573.0	0.0	3.40	18.60	3.16	NO	HRDOW
NO										
L0000607	0	0.38023E-02	556926.4	4189589.0	0.0	3.40	18.60	3.16	NO	HRDOW

NO

L0000608	0	0.38023E-02	556963.1	4189605.0	0.0	3.40	18.60	3.16	NO	HRDOW	NO
L0000609	0	0.38023E-02	556999.7	4189621.0	0.0	3.40	18.60	3.16	NO	HRDOW	NO
L0000610	0	0.38023E-02	557036.4	4189637.1	0.0	3.40	18.60	3.16	NO	HRDOW	NO
L0000611	0	0.38023E-02	557073.0	4189653.1	0.0	3.40	18.60	3.16	NO	HRDOW	NO
L0000612	0	0.38023E-02	557109.7	4189669.1	0.0	3.40	18.60	3.16	NO	HRDOW	NO
L0000613	0	0.38023E-02	557146.3	4189685.1	0.0	3.40	18.60	3.16	NO	HRDOW	NO
L0000614	0	0.38023E-02	557183.0	4189701.2	0.0	3.40	18.60	3.16	NO	HRDOW	NO
L0000615	0	0.38023E-02	557219.6	4189717.2	0.0	3.40	18.60	3.16	NO	HRDOW	NO
L0000616	0	0.38023E-02	557256.3	4189733.2	0.0	3.40	18.60	3.16	NO	HRDOW	NO
L0000617	0	0.38023E-02	557292.9	4189749.3	0.0	3.40	18.60	3.16	NO	HRDOW	NO
L0000618	0	0.38023E-02	557329.6	4189765.3	0.0	3.40	18.60	3.16	NO	HRDOW	NO
L0000619	0	0.38023E-02	557366.2	4189781.3	0.0	3.40	18.60	3.16	NO	HRDOW	NO
L0000620	0	0.38023E-02	557402.9	4189797.3	0.0	3.40	18.60	3.16	NO	HRDOW	NO
L0000621	0	0.38023E-02	557439.5	4189813.4	0.0	3.40	18.60	3.16	NO	HRDOW	NO
L0000622	0	0.38023E-02	557476.2	4189829.4	0.0	3.40	18.60	3.16	NO	HRDOW	NO
L0000623	0	0.38023E-02	557512.8	4189845.4	0.0	3.40	18.60	3.16	NO	HRDOW	NO
L0000624	0	0.38023E-02	557549.5	4189861.4	0.0	3.40	18.60	3.16	NO	HRDOW	NO
L0000625	0	0.38023E-02	557586.1	4189877.5	0.0	3.40	18.60	3.16	NO	HRDOW	NO
L0000626	0	0.38023E-02	557622.8	4189893.5	0.0	3.40	18.60	3.16	NO	HRDOW	NO

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0000627	0	0.38023E-02	557659.4	4189909.5	0.0	3.40	18.60	3.16	NO	HRDOW	NO
L0000628	0	0.38023E-02	557696.1	4189925.6	0.0	3.40	18.60	3.16	NO	HRDOW	NO
L0000629	0	0.38023E-02	557732.7	4189941.6	0.0	3.40	18.60	3.16	NO	HRDOW	NO
L0000630	0	0.38023E-02	557769.4	4189957.6	0.0	3.40	18.60	3.16	NO	HRDOW	NO
L0000631	0	0.38023E-02	557806.0	4189973.6	0.0	3.40	18.60	3.16	NO	HRDOW	NO
L0000632	0	0.38023E-02	557842.7	4189989.7	0.0	3.40	18.60	3.16	NO	HRDOW	NO

L0000633	0	0.38023E-02	557879.3	4190005.7	0.0	3.40	18.60	3.16	NO	HRDOW
NO										
L0000634	0	0.38023E-02	557916.0	4190021.7	0.0	3.40	18.60	3.16	NO	HRDOW
NO										
L0000635	0	0.38023E-02	557952.6	4190037.7	0.0	3.40	18.60	3.16	NO	HRDOW
NO										
L0000636	0	0.38023E-02	557989.3	4190053.8	0.0	3.40	18.60	3.16	NO	HRDOW
NO										
L0000637	0	0.38023E-02	558025.9	4190069.8	0.0	3.40	18.60	3.16	NO	HRDOW
NO										
L0000638	0	0.38023E-02	558062.6	4190085.8	0.0	3.40	18.60	3.16	NO	HRDOW
NO										
L0000639	0	0.38023E-02	558099.2	4190101.9	0.0	3.40	18.60	3.16	NO	HRDOW
NO										
L0000640	0	0.38023E-02	558135.8	4190117.9	0.0	3.40	18.60	3.16	NO	HRDOW
NO										
L0000641	0	0.38023E-02	558172.5	4190133.9	0.0	3.40	18.60	3.16	NO	HRDOW
NO										
L0000642	0	0.38023E-02	558209.1	4190149.9	0.0	3.40	18.60	3.16	NO	HRDOW
NO										
L0000643	0	0.38023E-02	558245.8	4190166.0	0.0	3.40	18.60	3.16	NO	HRDOW
NO										
L0000644	0	0.38023E-02	558282.4	4190182.0	0.0	3.40	18.60	3.16	NO	HRDOW
NO										
L0000645	0	0.38023E-02	558319.1	4190198.0	0.0	3.40	18.60	3.16	NO	HRDOW
NO										
L0000646	0	0.38023E-02	558355.7	4190214.0	0.0	3.40	18.60	3.16	NO	HRDOW
NO										
L0000647	0	0.38023E-02	558392.4	4190230.1	0.0	3.40	18.60	3.16	NO	HRDOW
NO										
L0000648	0	0.38023E-02	558429.0	4190246.1	0.0	3.40	18.60	3.16	NO	HRDOW
NO										
L0000649	0	0.38023E-02	558465.7	4190262.1	0.0	3.40	18.60	3.16	NO	HRDOW
NO										
L0000650	0	0.38023E-02	558502.3	4190278.2	0.0	3.40	18.60	3.16	NO	HRDOW
NO										
L0000651	0	0.38023E-02	558539.0	4190294.2	0.0	3.40	18.60	3.16	NO	HRDOW
NO										
L0000652	0	0.38023E-02	558575.6	4190310.2	0.0	3.40	18.60	3.16	NO	HRDOW
NO										
L0000653	0	0.38023E-02	558612.3	4190326.2	0.0	3.40	18.60	3.16	NO	HRDOW
NO										
L0000654	0	0.38023E-02	558648.9	4190342.3	0.0	3.40	18.60	3.16	NO	HRDOW
NO										
L0000655	0	0.38023E-02	558685.6	4190358.3	0.0	3.40	18.60	3.16	NO	HRDOW
NO										
L0000656	0	0.38023E-02	558722.2	4190374.3	0.0	3.40	18.60	3.16	NO	HRDOW
NO										
L0000657	0	0.38023E-02	558758.9	4190390.3	0.0	3.40	18.60	3.16	NO	HRDOW
NO										
L0000658	0	0.38023E-02	558795.5	4190406.4	0.0	3.40	18.60	3.16	NO	HRDOW
NO										
L0000659	0	0.38023E-02	558832.2	4190422.4	0.0	3.40	18.60	3.16	NO	HRDOW
NO										
L0000660	0	0.38023E-02	558868.8	4190438.4	0.0	3.40	18.60	3.16	NO	HRDOW
NO										
L0000661	0	0.38023E-02	558905.5	4190454.5	0.0	3.40	18.60	3.16	NO	HRDOW
NO										
L0000662	0	0.38023E-02	558942.1	4190470.5	0.0	3.40	18.60	3.16	NO	HRDOW
NO										
L0000663	0	0.38023E-02	558978.8	4190486.5	0.0	3.40	18.60	3.16	NO	HRDOW
NO										
L0000664	0	0.38023E-02	559015.4	4190502.5	0.0	3.40	18.60	3.16	NO	HRDOW
NO										
L0000665	0	0.38023E-02	559052.1	4190518.6	0.0	3.40	18.60	3.16	NO	HRDOW
NO										
L0000666	0	0.38023E-02	559088.7	4190534.6	0.0	3.40	18.60	3.16	NO	HRDOW
NO										

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0000667	0	0.38023E-02	559125.4	4190550.6	0.0	3.40	18.60	3.16	NO	HRDOW	NO
L0000668	0	0.38023E-02	559162.0	4190566.6	0.0	3.40	18.60	3.16	NO	HRDOW	NO
L0000669	0	0.38023E-02	559198.7	4190582.7	0.0	3.40	18.60	3.16	NO	HRDOW	NO
L0000670	0	0.38023E-02	559235.3	4190598.7	0.0	3.40	18.60	3.16	NO	HRDOW	NO
L0000671	0	0.38023E-02	559272.0	4190614.7	0.0	3.40	18.60	3.16	NO	HRDOW	NO
L0000672	0	0.38023E-02	559308.6	4190630.8	0.0	3.40	18.60	3.16	NO	HRDOW	NO
L0000673	0	0.38023E-02	559345.3	4190646.8	0.0	3.40	18.60	3.16	NO	HRDOW	NO
L0000674	0	0.38023E-02	559381.9	4190662.8	0.0	3.40	18.60	3.16	NO	HRDOW	NO
L0000675	0	0.38023E-02	559418.6	4190678.8	0.0	3.40	18.60	3.16	NO	HRDOW	NO
L0000676	0	0.38023E-02	559455.2	4190694.9	0.0	3.40	18.60	3.16	NO	HRDOW	NO
L0000677	0	0.38023E-02	559491.9	4190710.9	0.0	3.40	18.60	3.16	NO	HRDOW	NO
L0000678	0	0.38023E-02	559528.5	4190726.9	0.0	3.40	18.60	3.16	NO	HRDOW	NO
L0000679	0	0.38023E-02	559565.2	4190742.9	0.0	3.40	18.60	3.16	NO	HRDOW	NO
L0000680	0	0.38023E-02	559601.8	4190759.0	0.0	3.40	18.60	3.16	NO	HRDOW	NO
L0000681	0	0.38023E-02	559638.4	4190775.0	0.0	3.40	18.60	3.16	NO	HRDOW	NO
L0000682	0	0.38023E-02	559675.1	4190791.0	0.0	3.40	18.60	3.16	NO	HRDOW	NO
L0000683	0	0.38023E-02	559711.7	4190807.0	0.0	3.40	18.60	3.16	NO	HRDOW	NO
L0000684	0	0.38023E-02	559748.4	4190823.1	0.0	3.40	18.60	3.16	NO	HRDOW	NO
L0000685	0	0.38023E-02	559785.0	4190839.1	0.0	3.40	18.60	3.16	NO	HRDOW	NO
L0000686	0	0.38023E-02	559821.7	4190855.1	0.0	3.40	18.60	3.16	NO	HRDOW	NO
L0000687	0	0.38023E-02	559858.3	4190871.2	0.0	3.40	18.60	3.16	NO	HRDOW	NO
L0000688	0	0.38023E-02	559895.0	4190887.2	0.0	3.40	18.60	3.16	NO	HRDOW	NO
L0000689	0	0.38023E-02	559920.5	4190878.6	0.0	3.40	18.60	3.16	NO	HRDOW	NO
L0000690	0	0.38023E-02	559932.6	4190840.5	0.0	3.40	18.60	3.16	NO	HRDOW	NO
L0000691	0	0.38023E-02	559944.7	4190802.3	0.1	3.40	18.60	3.16	NO	HRDOW	NO
L0000692	0	0.38023E-02	559956.9	4190764.2	0.6	3.40	18.60	3.16	NO	HRDOW	NO

 L0000693   0   0.38023E-02 559969.0 4190726.1   0.0   3.40   18.60   3.16   NO   HRDOW
NO
 L0000694   0   0.38023E-02 559981.1 4190688.0   0.0   3.40   18.60   3.16   NO   HRDOW
NO
 L0000695   0   0.38023E-02 559975.9 4190657.4   0.0   3.40   18.60   3.16   NO   HRDOW
NO
 L0000696   0   0.38023E-02 559939.7 4190640.4   0.0   3.40   18.60   3.16   NO   HRDOW
NO
 L0000697   0   0.38023E-02 559903.5 4190623.4   0.0   3.40   18.60   3.16   NO   HRDOW
NO
 L0000698   0   0.38023E-02 559867.3 4190606.3   0.0   3.40   18.60   3.16   NO   HRDOW
NO
 L0000699   0   0.38023E-02 559831.1 4190589.3   0.0   3.40   18.60   3.16   NO   HRDOW
NO
 L0000700   0   0.38023E-02 559795.0 4190572.2   0.0   3.40   18.60   3.16   NO   HRDOW
NO
 L0000701   0   0.38023E-02 559758.8 4190555.2   0.0   3.40   18.60   3.16   NO   HRDOW
NO
 L0000702   0   0.38023E-02 559722.6 4190538.1   0.0   3.40   18.60   3.16   NO   HRDOW
NO
 L0000703   0   0.38023E-02 559686.4 4190521.1   0.0   3.40   18.60   3.16   NO   HRDOW
NO
 L0000704   0   0.38023E-02 559650.2 4190504.0   0.0   3.40   18.60   3.16   NO   HRDOW
NO
 L0000705   0   0.38023E-02 559614.0 4190487.0   0.0   3.40   18.60   3.16   NO   HRDOW
NO
 L0000706   0   0.38023E-02 559577.8 4190469.9   0.0   3.40   18.60   3.16   NO   HRDOW
NO

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                                                *** VOLUME SOURCE DATA ***

              NUMBER EMISSION RATE   BASE   RELEASE   INIT.   INIT.   URBAN EMISSION RATE
AIRCRAFT
   SOURCE   PART. (GRAMS/SEC)   X   Y   ELEV.   HEIGHT   SY   SZ   SOURCE SCALAR VARY
     ID   CATS.   (METERS) (METERS) (METERS) (METERS) (METERS) (METERS)   BY
 -
- - -

 L0000707   0   0.38023E-02 559541.7 4190452.9   0.0   3.40   18.60   3.16   NO   HRDOW
NO
 L0000708   0   0.38023E-02 559505.5 4190435.8   0.0   3.40   18.60   3.16   NO   HRDOW
NO
 L0000709   0   0.38023E-02 559469.3 4190418.8   0.0   3.40   18.60   3.16   NO   HRDOW
NO
 L0000710   0   0.38023E-02 559433.1 4190401.7   0.0   3.40   18.60   3.16   NO   HRDOW
NO
 L0000711   0   0.38023E-02 559396.9 4190384.7   0.0   3.40   18.60   3.16   NO   HRDOW
NO
 L0000712   0   0.38023E-02 559360.7 4190367.6   0.0   3.40   18.60   3.16   NO   HRDOW
NO
 L0000713   0   0.38023E-02 559324.5 4190350.6   0.0   3.40   18.60   3.16   NO   HRDOW
NO
 L0000714   0   0.38023E-02 559288.4 4190333.6   0.0   3.40   18.60   3.16   NO   HRDOW
NO
 L0000715   0   0.38023E-02 559252.2 4190316.5   0.0   3.40   18.60   3.16   NO   HRDOW
NO
 L0000716   0   0.38023E-02 559216.0 4190299.5   0.0   3.40   18.60   3.16   NO   HRDOW
NO
 L0000717   0   0.38023E-02 559179.8 4190282.4   0.0   3.40   18.60   3.16   NO   HRDOW
NO
 L0000718   0   0.38023E-02 559143.6 4190265.4   0.0   3.40   18.60   3.16   NO   HRDOW

NO
 L0000719   0   0.38023E-02 559107.4 4190248.3   0.0   3.40   18.60   3.16   NO   HRDOW
NO
 L0000720   0   0.38023E-02 559071.2 4190231.3   0.0   3.40   18.60   3.16   NO   HRDOW
NO
 L0000721   0   0.38023E-02 559035.1 4190214.2   0.0   3.40   18.60   3.16   NO   HRDOW
NO
 L0000722   0   0.38023E-02 558998.9 4190197.2   0.0   3.40   18.60   3.16   NO   HRDOW
NO
 L0000723   0   0.38023E-02 558973.1 4190214.4   0.0   3.40   18.60   3.16   NO   HRDOW
NO
 L0000724   0   0.38023E-02 558952.6 4190248.7   0.0   3.40   18.60   3.16   NO   HRDOW
NO
 L0000725   0   0.38023E-02 558953.3 4190276.4   0.0   3.40   18.60   3.16   NO   HRDOW
NO
 L0000726   0   0.38023E-02 558989.8 4190292.8   0.0   3.40   18.60   3.16   NO   HRDOW
NO
 L0000727   0   0.38023E-02 559026.3 4190309.3   0.0   3.40   18.60   3.16   NO   HRDOW
NO
 L0000728   0   0.38023E-02 559062.7 4190325.7   0.0   3.40   18.60   3.16   NO   HRDOW
NO
 L0000729   0   0.38023E-02 559099.2 4190342.1   0.0   3.40   18.60   3.16   NO   HRDOW
NO
 L0000730   0   0.38023E-02 559135.7 4190358.6   0.0   3.40   18.60   3.16   NO   HRDOW
NO
 L0000731   0   0.38023E-02 559172.1 4190375.0   0.0   3.40   18.60   3.16   NO   HRDOW
NO
 L0000732   0   0.38023E-02 559208.6 4190391.5   0.0   3.40   18.60   3.16   NO   HRDOW
NO
 L0000733   0   0.38023E-02 559245.1 4190407.9   0.0   3.40   18.60   3.16   NO   HRDOW
NO
 L0000734   0   0.38023E-02 559281.5 4190424.3   0.0   3.40   18.60   3.16   NO   HRDOW
NO
 L0000735   0   0.38023E-02 559318.0 4190440.8   0.0   3.40   18.60   3.16   NO   HRDOW
NO
 L0000736   0   0.38023E-02 559354.5 4190457.2   0.0   3.40   18.60   3.16   NO   HRDOW
NO
 L0000737   0   0.38023E-02 559390.9 4190473.7   0.0   3.40   18.60   3.16   NO   HRDOW
NO
 L0000738   0   0.38023E-02 559427.4 4190490.1   0.0   3.40   18.60   3.16   NO   HRDOW
NO
 L0000739   0   0.38023E-02 559463.9 4190506.5   0.0   3.40   18.60   3.16   NO   HRDOW
NO
 L0000740   0   0.38023E-02 559500.3 4190523.0   0.0   3.40   18.60   3.16   NO   HRDOW
NO
 L0000741   0   0.38023E-02 559536.8 4190539.4   0.1   3.40   18.60   3.16   NO   HRDOW
NO
 L0000742   0   0.38023E-02 559573.3 4190555.9   0.0   3.40   18.60   3.16   NO   HRDOW
NO
 L0000743   0   0.38023E-02 559609.7 4190572.3   0.0   3.40   18.60   3.16   NO   HRDOW
NO
 L0000744   0   0.38023E-02 559646.2 4190588.7   0.0   3.40   18.60   3.16   NO   HRDOW
NO
 L0000745   0   0.38023E-02 559682.6 4190605.2   0.0   3.40   18.60   3.16   NO   HRDOW
NO
 L0000746   0   0.38023E-02 559719.1 4190621.6   0.0   3.40   18.60   3.16   NO   HRDOW
NO

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                                                *** VOLUME SOURCE DATA ***

              NUMBER EMISSION RATE   BASE   RELEASE   INIT.   INIT.   URBAN EMISSION RATE

AIRCRAFT SOURCE ID	PART. CATS.	(GRAMS/SEC)	X (METERS)	Y (METERS)	ELEV. (METERS)	HEIGHT (METERS)	SY (METERS)	SZ (METERS)	SOURCE	SCALAR VARY BY
L0000747	0	0.38023E-02	559755.6	4190638.1	0.0	3.40	18.60	3.16	NO	HRDOW
NO										
L0000748	0	0.38023E-02	559792.0	4190654.5	0.0	3.40	18.60	3.16	NO	HRDOW
NO										
L0000749	0	0.38023E-02	559828.5	4190670.9	0.0	3.40	18.60	3.16	NO	HRDOW
NO										
L0000750	0	0.38023E-02	559865.0	4190687.4	0.0	3.40	18.60	3.16	NO	HRDOW
NO										
L0000751	0	0.38023E-02	559901.4	4190703.8	0.0	3.40	18.60	3.16	NO	HRDOW
NO										
L0000752	0	0.38023E-02	559917.3	4190727.3	0.3	3.40	18.60	3.16	NO	HRDOW
NO										
L0000753	0	0.38023E-02	559898.6	4190762.6	0.5	3.40	18.60	3.16	NO	HRDOW
NO										
L0000754	0	0.38023E-02	559879.8	4190797.9	0.0	3.40	18.60	3.16	NO	HRDOW
NO										
L0000755	0	0.38023E-02	559848.1	4190795.6	0.0	3.40	18.60	3.16	NO	HRDOW
NO										
L0000756	0	0.38023E-02	559811.6	4190779.2	0.0	3.40	18.60	3.16	NO	HRDOW
NO										
L0000757	0	0.38023E-02	559775.1	4190762.8	0.0	3.40	18.60	3.16	NO	HRDOW
NO										
L0000758	0	0.38023E-02	559738.6	4190746.5	0.0	3.40	18.60	3.16	NO	HRDOW
NO										
L0000759	0	0.38023E-02	559702.1	4190730.1	0.0	3.40	18.60	3.16	NO	HRDOW
NO										
L0000760	0	0.38023E-02	559665.6	4190713.7	0.0	3.40	18.60	3.16	NO	HRDOW
NO										
L0000761	0	0.38023E-02	559629.2	4190697.3	0.0	3.40	18.60	3.16	NO	HRDOW
NO										
L0000762	0	0.38023E-02	559592.7	4190681.0	0.0	3.40	18.60	3.16	NO	HRDOW
NO										
L0000763	0	0.38023E-02	559556.2	4190664.6	0.0	3.40	18.60	3.16	NO	HRDOW
NO										
L0000764	0	0.38023E-02	559519.7	4190648.2	0.0	3.40	18.60	3.16	NO	HRDOW
NO										
L0000765	0	0.38023E-02	559483.2	4190631.8	0.0	3.40	18.60	3.16	NO	HRDOW
NO										
L0000766	0	0.38023E-02	559446.7	4190615.5	0.0	3.40	18.60	3.16	NO	HRDOW
NO										
L0000767	0	0.38023E-02	559410.2	4190599.1	0.0	3.40	18.60	3.16	NO	HRDOW
NO										
L0000768	0	0.38023E-02	559373.7	4190582.7	0.0	3.40	18.60	3.16	NO	HRDOW
NO										
L0000769	0	0.38023E-02	559337.2	4190566.3	0.0	3.40	18.60	3.16	NO	HRDOW
NO										
L0000770	0	0.38023E-02	559300.7	4190550.0	0.0	3.40	18.60	3.16	NO	HRDOW
NO										
L0000771	0	0.38023E-02	559264.2	4190533.6	0.0	3.40	18.60	3.16	NO	HRDOW
NO										
L0000772	0	0.38023E-02	559227.7	4190517.2	0.0	3.40	18.60	3.16	NO	HRDOW
NO										
L0000773	0	0.38023E-02	559191.2	4190500.8	0.0	3.40	18.60	3.16	NO	HRDOW
NO										
L0000774	0	0.38023E-02	559154.7	4190484.5	0.0	3.40	18.60	3.16	NO	HRDOW
NO										
L0000775	0	0.38023E-02	559118.2	4190468.1	0.0	3.40	18.60	3.16	NO	HRDOW
NO										
L0000776	0	0.38023E-02	559081.7	4190451.7	0.0	3.40	18.60	3.16	NO	HRDOW
NO										
L0000777	0	0.38023E-02	559045.2	4190435.3	0.0	3.40	18.60	3.16	NO	HRDOW
NO										
L0000778	0	0.38023E-02	559008.7	4190419.0	0.0	3.40	18.60	3.16	NO	HRDOW

NO
 L0000779   0   0.38023E-02 558972.3 4190402.6   0.0   3.40   18.60   3.16   NO   HRDOW
NO
 L0000780   0   0.38023E-02 558935.8 4190386.2   0.0   3.40   18.60   3.16   NO   HRDOW
NO
 L0000781   0   0.38023E-02 558899.3 4190369.8   0.0   3.40   18.60   3.16   NO   HRDOW
NO
 L0000782   0   0.38023E-02 558862.8 4190353.5   0.0   3.40   18.60   3.16   NO   HRDOW
NO
 L0000783   0   0.38023E-02 558826.3 4190337.1   0.0   3.40   18.60   3.16   NO   HRDOW
NO
 L0000784   0   0.38023E-02 558789.8 4190320.7   0.0   3.40   18.60   3.16   NO   HRDOW
NO
 L0000785   0   0.38023E-02 558753.3 4190304.3   0.0   3.40   18.60   3.16   NO   HRDOW
NO
 L0000786   0   0.38023E-02 558716.8 4190288.0   0.0   3.40   18.60   3.16   NO   HRDOW
NO

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** VOLUME SOURCE DATA ***

AIRCRAFT SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0000787	0	0.38023E-02	558680.3	4190271.6	0.0	3.40	18.60	3.16	NO	HRDOW
NO										
L0000788	0	0.38023E-02	558643.8	4190255.2	0.0	3.40	18.60	3.16	NO	HRDOW
NO										
L0000789	0	0.38023E-02	558607.3	4190238.8	0.0	3.40	18.60	3.16	NO	HRDOW
NO										
L0000790	0	0.38023E-02	558570.8	4190222.5	0.0	3.40	18.60	3.16	NO	HRDOW
NO										
L0000791	0	0.38023E-02	558534.3	4190206.1	0.0	3.40	18.60	3.16	NO	HRDOW
NO										
L0000792	0	0.38023E-02	558497.8	4190189.7	0.0	3.40	18.60	3.16	NO	HRDOW
NO										
L0000793	0	0.38023E-02	558461.3	4190173.3	0.0	3.40	18.60	3.16	NO	HRDOW
NO										
L0000794	0	0.38023E-02	558424.8	4190156.9	0.0	3.40	18.60	3.16	NO	HRDOW
NO										
L0000795	0	0.38023E-02	558388.3	4190140.6	0.0	3.40	18.60	3.16	NO	HRDOW
NO										
L0000796	0	0.38023E-02	558351.8	4190124.2	0.0	3.40	18.60	3.16	NO	HRDOW
NO										
L0000797	0	0.38023E-02	558315.4	4190107.8	0.0	3.40	18.60	3.16	NO	HRDOW
NO										
L0000798	0	0.38023E-02	558278.9	4190091.4	0.0	3.40	18.60	3.16	NO	HRDOW
NO										
L0000799	0	0.38023E-02	558242.4	4190075.1	0.0	3.40	18.60	3.16	NO	HRDOW
NO										
L0000800	0	0.38023E-02	558205.9	4190058.7	0.0	3.40	18.60	3.16	NO	HRDOW
NO										
L0000801	0	0.38023E-02	558169.4	4190042.3	0.0	3.40	18.60	3.16	NO	HRDOW
NO										
L0000802	0	0.38023E-02	558132.9	4190025.9	0.0	3.40	18.60	3.16	NO	HRDOW
NO										
L0000803	0	0.38023E-02	558096.4	4190009.6	0.0	3.40	18.60	3.16	NO	HRDOW
NO										

 L0000804   0   0.38023E-02 558059.9 4189993.2   0.0   3.40   18.60   3.16   NO   HRDOW
NO
 L0000805   0   0.38023E-02 558023.4 4189976.8   0.0   3.40   18.60   3.16   NO   HRDOW
NO
 L0000806   0   0.38023E-02 557986.9 4189960.4   0.0   3.40   18.60   3.16   NO   HRDOW
NO
 L0000807   0   0.38023E-02 557950.4 4189944.1   0.0   3.40   18.60   3.16   NO   HRDOW
NO
 L0000808   0   0.38023E-02 557913.9 4189927.7   0.0   3.40   18.60   3.16   NO   HRDOW
NO
 L0000809   0   0.38023E-02 557877.4 4189911.3   0.0   3.40   18.60   3.16   NO   HRDOW
NO
 L0000810   0   0.38023E-02 557840.9 4189894.9   0.0   3.40   18.60   3.16   NO   HRDOW
NO
 L0000811   0   0.38023E-02 557804.4 4189878.6   0.0   3.40   18.60   3.16   NO   HRDOW
NO
 L0000812   0   0.38023E-02 557767.9 4189862.2   0.0   3.40   18.60   3.16   NO   HRDOW
NO
 L0000813   0   0.38023E-02 557731.4 4189845.8   0.0   3.40   18.60   3.16   NO   HRDOW
NO
 L0000814   0   0.38023E-02 557694.9 4189829.4   0.0   3.40   18.60   3.16   NO   HRDOW
NO
 L0000815   0   0.38023E-02 557658.5 4189813.1   0.0   3.40   18.60   3.16   NO   HRDOW
NO
 L0000816   0   0.38023E-02 557622.0 4189796.7   0.0   3.40   18.60   3.16   NO   HRDOW
NO
 L0000817   0   0.38023E-02 557585.5 4189780.3   0.0   3.40   18.60   3.16   NO   HRDOW
NO
 L0000818   0   0.38023E-02 557549.0 4189763.9   0.0   3.40   18.60   3.16   NO   HRDOW
NO
 L0000819   0   0.38023E-02 557512.5 4189747.6   0.0   3.40   18.60   3.16   NO   HRDOW
NO
 L0000820   0   0.38023E-02 557476.0 4189731.2   0.0   3.40   18.60   3.16   NO   HRDOW
NO
 L0000821   0   0.38023E-02 557439.5 4189714.8   0.0   3.40   18.60   3.16   NO   HRDOW
NO
 L0000822   0   0.38023E-02 557403.0 4189698.4   0.0   3.40   18.60   3.16   NO   HRDOW
NO
 L0000823   0   0.38023E-02 557366.5 4189682.1   0.0   3.40   18.60   3.16   NO   HRDOW
NO
 L0000824   0   0.38023E-02 557330.0 4189665.7   0.0   3.40   18.60   3.16   NO   HRDOW
NO
 L0000825   0   0.38023E-02 557293.5 4189649.3   0.0   3.40   18.60   3.16   NO   HRDOW
NO
 L0000826   0   0.38023E-02 557257.0 4189632.9   0.0   3.40   18.60   3.16   NO   HRDOW
NO

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                                                *** VOLUME SOURCE DATA ***

              NUMBER EMISSION RATE   BASE   RELEASE   INIT.   INIT.   URBAN EMISSION RATE
AIRCRAFT
   SOURCE   PART. (GRAMS/SEC)   X   Y   ELEV.   HEIGHT   SY   SZ   SOURCE SCALAR VARY
     ID   CATS.   (METERS) (METERS) (METERS) (METERS) (METERS) (METERS)   BY
 -
- - -

 L0000827   0   0.38023E-02 557220.5 4189616.6   0.0   3.40   18.60   3.16   NO   HRDOW
NO
 L0000828   0   0.38023E-02 557184.0 4189600.2   0.0   3.40   18.60   3.16   NO   HRDOW
NO
 L0000829   0   0.38023E-02 557147.5 4189583.8   0.0   3.40   18.60   3.16   NO   HRDOW

NO
 L0000830 0 0.38023E-02 557111.0 4189567.4 0.0 3.40 18.60 3.16 NO HRDOW
NO
 L0000831 0 0.38023E-02 557074.5 4189551.1 0.0 3.40 18.60 3.16 NO HRDOW
NO
 L0000832 0 0.38023E-02 557038.0 4189534.7 0.0 3.40 18.60 3.16 NO HRDOW
NO
 L0000833 0 0.38023E-02 557001.6 4189518.3 0.0 3.40 18.60 3.16 NO HRDOW
NO
 L0000834 0 0.38023E-02 556965.1 4189501.9 0.0 3.40 18.60 3.16 NO HRDOW
NO
 L0000835 0 0.38023E-02 556928.6 4189485.6 0.0 3.40 18.60 3.16 NO HRDOW
NO
 L0000836 0 0.38023E-02 556892.1 4189469.2 0.0 3.40 18.60 3.16 NO HRDOW
NO
 L0000837 0 0.38023E-02 556855.6 4189452.8 0.0 3.40 18.60 3.16 NO HRDOW
NO
 L0000838 0 0.38023E-02 556819.1 4189436.4 0.0 3.40 18.60 3.16 NO HRDOW
NO
 L0000839 0 0.38023E-02 556782.6 4189420.1 0.0 3.40 18.60 3.16 NO HRDOW
NO
 L0000840 0 0.38023E-02 556746.1 4189403.7 0.0 3.40 18.60 3.16 NO HRDOW
NO
 L0000841 0 0.38023E-02 556709.6 4189387.3 0.0 3.40 18.60 3.16 NO HRDOW
NO
 L0000842 0 0.38023E-02 556673.1 4189370.9 0.0 3.40 18.60 3.16 NO HRDOW
NO
 L0000843 0 0.38023E-02 556636.6 4189354.6 0.0 3.40 18.60 3.16 NO HRDOW
NO
 L0000844 0 0.38023E-02 556600.1 4189338.2 0.0 3.40 18.60 3.16 NO HRDOW
NO
 L0000845 0 0.38023E-02 556563.6 4189321.8 0.0 3.40 18.60 3.16 NO HRDOW
NO
 L0000846 0 0.38023E-02 556527.1 4189305.4 0.0 3.40 18.60 3.16 NO HRDOW
NO
 L0000847 0 0.38023E-02 556490.6 4189289.1 0.0 3.40 18.60 3.16 NO HRDOW
NO
 L0000848 0 0.38023E-02 556454.1 4189272.7 0.0 3.40 18.60 3.16 NO HRDOW
NO
 L0000849 0 0.38023E-02 556417.6 4189256.3 0.0 3.40 18.60 3.16 NO HRDOW
NO
 L0000850 0 0.20000E-01 559995.9 4190786.2 0.4 3.40 18.60 3.16 NO HRDOW
NO
 L0000851 0 0.20000E-01 559960.1 4190768.2 0.7 3.40 18.60 3.16 NO HRDOW
NO
 L0000852 0 0.20000E-01 559924.4 4190750.3 0.6 3.40 18.60 3.16 NO HRDOW
NO
 L0000853 0 0.20000E-01 559888.6 4190732.3 0.5 3.40 18.60 3.16 NO HRDOW
NO
 L0000854 0 0.20000E-01 559852.9 4190714.4 0.9 3.40 18.60 3.16 NO HRDOW
NO
 L0000855 0 0.20000E-01 559817.1 4190696.4 0.3 3.40 18.60 3.16 NO HRDOW
NO
 L0000856 0 0.20000E-01 559781.4 4190678.5 0.3 3.40 18.60 3.16 NO HRDOW
NO
 L0000857 0 0.20000E-01 559745.6 4190660.5 0.1 3.40 18.60 3.16 NO HRDOW
NO
 L0000858 0 0.20000E-01 559709.9 4190642.6 0.4 3.40 18.60 3.16 NO HRDOW
NO
 L0000859 0 0.20000E-01 559674.1 4190624.6 0.0 3.40 18.60 3.16 NO HRDOW
NO
 L0000860 0 0.20000E-01 559638.4 4190606.7 0.3 3.40 18.60 3.16 NO HRDOW
NO
 L0000861 0 0.20000E-01 559602.6 4190588.7 0.3 3.40 18.60 3.16 NO HRDOW
NO
 L0000862 0 0.20000E-01 559566.9 4190570.8 0.1 3.40 18.60 3.16 NO HRDOW
NO
 L0000863 0 0.20000E-01 559531.2 4190552.8 0.4 3.40 18.60 3.16 NO HRDOW
NO

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0000864	0	0.20000E-01	559495.4	4190534.9	0.0	3.40	18.60	3.16	NO	HRDOW	NO
L0000865	0	0.20000E-01	559459.7	4190516.9	0.0	3.40	18.60	3.16	NO	HRDOW	NO
L0000866	0	0.20000E-01	559423.9	4190499.0	0.0	3.40	18.60	3.16	NO	HRDOW	NO
L0000867	0	0.20000E-01	559388.2	4190481.0	0.0	3.40	18.60	3.16	NO	HRDOW	NO
L0000868	0	0.20000E-01	559352.4	4190463.1	0.0	3.40	18.60	3.16	NO	HRDOW	NO
L0000869	0	0.20000E-01	559316.7	4190445.1	0.0	3.40	18.60	3.16	NO	HRDOW	NO
L0000870	0	0.20000E-01	559280.9	4190427.1	0.0	3.40	18.60	3.16	NO	HRDOW	NO
L0000871	0	0.20000E-01	559245.2	4190409.2	0.0	3.40	18.60	3.16	NO	HRDOW	NO
L0000872	0	0.20000E-01	559209.4	4190391.2	0.0	3.40	18.60	3.16	NO	HRDOW	NO
L0000873	0	0.20000E-01	559173.7	4190373.3	0.0	3.40	18.60	3.16	NO	HRDOW	NO
L0000874	0	0.20000E-01	559153.1	4190399.4	0.4	3.40	18.60	3.16	NO	HRDOW	NO
L0000875	0	0.20000E-01	559135.8	4190435.5	0.4	3.40	18.60	3.16	NO	HRDOW	NO
L0000876	0	0.20000E-01	559116.3	4190469.7	0.0	3.40	18.60	3.16	NO	HRDOW	NO
L0000877	0	0.20000E-01	559150.2	4190486.2	0.0	3.40	18.60	3.16	NO	HRDOW	NO
L0000878	0	0.20000E-01	559186.7	4190502.5	0.0	3.40	18.60	3.16	NO	HRDOW	NO
L0000879	0	0.20000E-01	559223.2	4190518.8	0.0	3.40	18.60	3.16	NO	HRDOW	NO
L0000880	0	0.20000E-01	559259.8	4190535.1	0.0	3.40	18.60	3.16	NO	HRDOW	NO
L0000881	0	0.20000E-01	559296.3	4190551.4	0.0	3.40	18.60	3.16	NO	HRDOW	NO
L0000882	0	0.20000E-01	559332.8	4190567.7	0.0	3.40	18.60	3.16	NO	HRDOW	NO
L0000883	0	0.20000E-01	559369.3	4190584.0	0.0	3.40	18.60	3.16	NO	HRDOW	NO
L0000884	0	0.20000E-01	559405.9	4190600.3	0.0	3.40	18.60	3.16	NO	HRDOW	NO
L0000885	0	0.20000E-01	559442.4	4190616.6	0.0	3.40	18.60	3.16	NO	HRDOW	NO
L0000886	0	0.20000E-01	559478.9	4190632.9	0.0	3.40	18.60	3.16	NO	HRDOW	NO
L0000887	0	0.20000E-01	559515.5	4190649.2	0.0	3.40	18.60	3.16	NO	HRDOW	NO
L0000888	0	0.20000E-01	559552.0	4190665.5	0.0	3.40	18.60	3.16	NO	HRDOW	NO
L0000889	0	0.20000E-01	559588.5	4190681.8	0.0	3.40	18.60	3.16	NO	HRDOW	

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NO
 L0000890         0   0.20000E-01  559625.0 4190698.1     0.0     3.40    18.60     3.16     NO    HRDOW
NO
 L0000891         0   0.20000E-01  559661.6 4190714.4     0.0     3.40    18.60     3.16     NO    HRDOW
NO
 L0000892         0   0.20000E-01  559698.1 4190730.7     0.0     3.40    18.60     3.16     NO    HRDOW
NO
 L0000893         0   0.20000E-01  559734.6 4190747.0     0.0     3.40    18.60     3.16     NO    HRDOW
NO
 L0000894         0   0.20000E-01  559771.2 4190763.3     0.0     3.40    18.60     3.16     NO    HRDOW
NO
 L0000895         0   0.20000E-01  559807.7 4190779.6     0.0     3.40    18.60     3.16     NO    HRDOW
NO
 L0000896         0   0.20000E-01  559844.2 4190795.9     0.0     3.40    18.60     3.16     NO    HRDOW
NO
 L0000897         0   0.20000E-01  559880.8 4190812.2     0.0     3.40    18.60     3.16     NO    HRDOW
NO
 L0000898         0   0.20000E-01  559917.3 4190828.5     0.0     3.40    18.60     3.16     NO    HRDOW
NO
 L0000899         0   0.20000E-01  559953.8 4190844.8     0.0     3.40    18.60     3.16     NO    HRDOW
NO
 L0000445         0   0.50000E+00  560201.0 4190462.4     0.4     1.30    13.95     1.21     NO    HRDOW
NO
 L0000446         0   0.50000E+00  560217.8 4190478.0     0.0     1.30    13.95     1.21     NO    HRDOW
NO
 L0000369         0   0.13158E-01  560058.8 4190770.0     1.7     1.30    13.95     1.21     NO    HRDOW
NO
 L0000370         0   0.13158E-01  560065.4 4190740.7     1.8     1.30    13.95     1.21     NO    HRDOW
NO
 L0000371         0   0.13158E-01  560072.0 4190711.5     1.2     1.30    13.95     1.21     NO    HRDOW
NO
 L0000372         0   0.13158E-01  560078.6 4190682.2     1.0     1.30    13.95     1.21     NO    HRDOW
NO
 L0000373         0   0.13158E-01  560085.2 4190652.9     1.4     1.30    13.95     1.21     NO    HRDOW
NO
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*


                                              *** VOLUME SOURCE DATA ***

              NUMBER EMISSION RATE                   BASE    RELEASE    INIT.    INIT.   URBAN  EMISSION RATE
AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY       SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS) (METERS)              BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - -

 L0000374         0   0.13158E-01  560091.7 4190623.7     1.8     1.30    13.95     1.21     NO    HRDOW
NO
 L0000375         0   0.13158E-01  560098.3 4190594.4     1.1     1.30    13.95     1.21     NO    HRDOW
NO
 L0000376         0   0.13158E-01  560104.9 4190565.1     0.8     1.30    13.95     1.21     NO    HRDOW
NO
 L0000377         0   0.13158E-01  560111.5 4190535.9     1.2     1.30    13.95     1.21     NO    HRDOW
NO
 L0000378         0   0.13158E-01  560118.1 4190506.6     1.7     1.30    13.95     1.21     NO    HRDOW
NO
 L0000379         0   0.13158E-01  560124.7 4190477.3     1.1     1.30    13.95     1.21     NO    HRDOW
NO
 L0000380         0   0.13158E-01  560131.3 4190448.1     1.3     1.30    13.95     1.21     NO    HRDOW
NO
 L0000381         0   0.13158E-01  560137.9 4190418.8     1.0     1.30    13.95     1.21     NO    HRDOW
NO
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 L0000382         0   0.13158E-01  560144.1 4190394.2     0.9     1.30    13.95     1.21     NO    HRDOW
NO
 L0000383         0   0.13158E-01  560145.5 4190424.1     1.5     1.30    13.95     1.21     NO    HRDOW
NO
 L0000384         0   0.13158E-01  560150.5 4190453.4     1.9     1.30    13.95     1.21     NO    HRDOW
NO
 L0000385         0   0.13158E-01  560169.7 4190469.9     1.5     1.30    13.95     1.21     NO    HRDOW
NO
 L0000386         0   0.13158E-01  560198.3 4190474.7     0.5     1.30    13.95     1.21     NO    HRDOW
NO
 L0000387         0   0.13158E-01  560205.4 4190503.8     0.9     1.30    13.95     1.21     NO    HRDOW
NO
 L0000388         0   0.13158E-01  560204.7 4190532.8     0.4     1.30    13.95     1.21     NO    HRDOW
NO
 L0000389         0   0.13158E-01  560196.4 4190561.7     0.6     1.30    13.95     1.21     NO    HRDOW
NO
 L0000390         0   0.13158E-01  560188.1 4190590.5     0.8     1.30    13.95     1.21     NO    HRDOW
NO
 L0000391         0   0.13158E-01  560179.8 4190619.3     1.0     1.30    13.95     1.21     NO    HRDOW
NO
 L0000392         0   0.13158E-01  560162.1 4190641.0     1.0     1.30    13.95     1.21     NO    HRDOW
NO
 L0000393         0   0.13158E-01  560136.7 4190657.0     1.6     1.30    13.95     1.21     NO    HRDOW
NO
 L0000394         0   0.13158E-01  560111.3 4190673.0     2.0     1.30    13.95     1.21     NO    HRDOW
NO
 L0000395         0   0.13158E-01  560086.4 4190688.3     1.6     1.30    13.95     1.21     NO    HRDOW
NO
 L0000396         0   0.13158E-01  560092.7 4190658.9     2.0     1.30    13.95     1.21     NO    HRDOW
NO
 L0000397         0   0.13158E-01  560099.1 4190629.6     2.0     1.30    13.95     1.21     NO    HRDOW
NO
 L0000398         0   0.13158E-01  560105.4 4190600.3     1.5     1.30    13.95     1.21     NO    HRDOW
NO
 L0000399         0   0.13158E-01  560111.8 4190571.0     1.3     1.30    13.95     1.21     NO    HRDOW
NO
 L0000400         0   0.13158E-01  560118.2 4190541.7     1.7     1.30    13.95     1.21     NO    HRDOW
NO
 L0000401         0   0.13158E-01  560124.5 4190512.4     2.0     1.30    13.95     1.21     NO    HRDOW
NO
 L0000402         0   0.13158E-01  560130.9 4190483.0     1.4     1.30    13.95     1.21     NO    HRDOW
NO
 L0000403         0   0.13158E-01  560137.2 4190453.7     1.5     1.30    13.95     1.21     NO    HRDOW
NO
 L0000404         0   0.13158E-01  560149.2 4190475.1     1.9     1.30    13.95     1.21     NO    HRDOW
NO
 L0000405         0   0.13158E-01  560172.2 4190488.1     1.4     1.30    13.95     1.21     NO    HRDOW
NO
 L0000406         0   0.13158E-01  560192.6 4190502.9     1.0     1.30    13.95     1.21     NO    HRDOW
NO
 L0000407         0   0.13158E-01  560194.0 4190531.8     0.7     1.30    13.95     1.21     NO    HRDOW
NO
 L0000408         0   0.13158E-01  560186.3 4190560.7     0.9     1.30    13.95     1.21     NO    HRDOW
NO
 L0000409         0   0.13158E-01  560178.5 4190589.7     1.0     1.30    13.95     1.21     NO    HRDOW
NO
 L0000410         0   0.13158E-01  560170.8 4190618.7     1.0     1.30    13.95     1.21     NO    HRDOW
NO
 L0000411         0   0.13158E-01  560148.4 4190636.8     1.2     1.30    13.95     1.21     NO    HRDOW
NO
 L0000412         0   0.13158E-01  560122.8 4190652.5     2.0     1.30    13.95     1.21     NO    HRDOW
NO
 L0000413         0   0.13158E-01  560100.2 4190664.2     2.0     1.30    13.95     1.21     NO    HRDOW
NO
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0000414	0	0.13158E-01	560106.3	4190634.8	2.0	1.30	13.95	1.21	NO	HRDOW	NO
L0000415	0	0.13158E-01	560112.5	4190605.4	1.7	1.30	13.95	1.21	NO	HRDOW	NO
L0000416	0	0.13158E-01	560118.6	4190576.1	1.7	1.30	13.95	1.21	NO	HRDOW	NO
L0000417	0	0.13158E-01	560124.7	4190546.7	2.0	1.30	13.95	1.21	NO	HRDOW	NO
L0000418	0	0.13158E-01	560130.9	4190517.3	2.0	1.30	13.95	1.21	NO	HRDOW	NO
L0000419	0	0.13158E-01	560138.3	4190490.0	1.7	1.30	13.95	1.21	NO	HRDOW	NO
L0000420	0	0.13158E-01	560167.4	4190497.2	1.5	1.30	13.95	1.21	NO	HRDOW	NO
L0000421	0	0.13158E-01	560186.3	4190514.3	1.0	1.30	13.95	1.21	NO	HRDOW	NO
L0000422	0	0.13158E-01	560186.0	4190543.2	0.9	1.30	13.95	1.21	NO	HRDOW	NO
L0000423	0	0.13158E-01	560175.6	4190571.3	1.0	1.30	13.95	1.21	NO	HRDOW	NO
L0000424	0	0.13158E-01	560165.1	4190599.4	1.0	1.30	13.95	1.21	NO	HRDOW	NO
L0000425	0	0.13158E-01	560147.4	4190621.5	1.2	1.30	13.95	1.21	NO	HRDOW	NO
L0000426	0	0.13158E-01	560121.7	4190637.0	2.0	1.30	13.95	1.21	NO	HRDOW	NO
L0000427	0	0.13158E-01	560111.0	4190632.6	2.0	1.30	13.95	1.21	NO	HRDOW	NO
L0000428	0	0.13158E-01	560118.9	4190603.7	1.9	1.30	13.95	1.21	NO	HRDOW	NO
L0000429	0	0.13158E-01	560126.7	4190574.7	1.9	1.30	13.95	1.21	NO	HRDOW	NO
L0000430	0	0.13158E-01	560134.5	4190545.8	1.9	1.30	13.95	1.21	NO	HRDOW	NO
L0000431	0	0.13158E-01	560142.3	4190516.8	2.0	1.30	13.95	1.21	NO	HRDOW	NO
L0000432	0	0.13158E-01	560162.3	4190507.7	1.7	1.30	13.95	1.21	NO	HRDOW	NO
L0000433	0	0.13158E-01	560179.7	4190527.5	1.1	1.30	13.95	1.21	NO	HRDOW	NO
L0000434	0	0.13158E-01	560173.0	4190555.1	1.1	1.30	13.95	1.21	NO	HRDOW	NO
L0000435	0	0.13158E-01	560160.8	4190582.5	1.0	1.30	13.95	1.21	NO	HRDOW	NO
L0000436	0	0.13158E-01	560147.5	4190608.9	1.2	1.30	13.95	1.21	NO	HRDOW	NO
L0000437	0	0.13158E-01	560120.3	4190621.6	2.0	1.30	13.95	1.21	NO	HRDOW	NO
L0000438	0	0.13158E-01	560125.7	4190595.6	1.9	1.30	13.95	1.21	NO	HRDOW	NO
L0000439	0	0.13158E-01	560133.6	4190566.6	1.7	1.30	13.95	1.21	NO	HRDOW	NO
L0000440	0	0.13158E-01	560141.4	4190537.7	2.0	1.30	13.95	1.21	NO	HRDOW	NO
L0000441	0	0.13158E-01	560156.3	4190524.1	1.9	1.30	13.95	1.21	NO	HRDOW	NO

L0000442	0	0.13158E-01	560165.1	4190543.3	1.5	1.30	13.95	1.21	NO	HRDOW	NO
L0000443	0	0.13158E-01	560151.2	4190569.9	1.1	1.30	13.95	1.21	NO	HRDOW	NO
L0000444	0	0.13158E-01	560137.4	4190596.5	1.5	1.30	13.95	1.21	NO	HRDOW	NO
L0000447	0	0.90909E-01	560024.6	4190839.9	1.4	1.30	13.95	1.21	NO	HRDOW	NO
L0000448	0	0.90909E-01	560031.3	4190811.1	1.1	1.30	13.95	1.21	NO	HRDOW	NO
L0000449	0	0.90909E-01	560050.5	4190788.1	1.3	1.30	13.95	1.21	NO	HRDOW	NO
L0000450	0	0.90909E-01	560066.8	4190805.7	2.0	1.30	13.95	1.21	NO	HRDOW	NO
L0000451	0	0.90909E-01	560059.7	4190834.8	2.0	1.30	13.95	1.21	NO	HRDOW	NO
L0000452	0	0.90909E-01	560041.6	4190846.7	2.0	1.30	13.95	1.21	NO	HRDOW	NO
L0000453	0	0.90909E-01	560035.9	4190828.7	1.8	1.30	13.95	1.21	NO	HRDOW	NO
L0000454	0	0.90909E-01	560048.3	4190801.3	1.4	1.30	13.95	1.21	NO	HRDOW	NO
L0000455	0	0.90909E-01	560055.5	4190821.1	1.9	1.30	13.95	1.21	NO	HRDOW	NO

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0000456	0	0.90909E-01	560041.9	4190841.0	2.0	1.30	13.95	1.21	NO	HRDOW	NO
L0000457	0	0.90909E-01	560048.5	4190815.3	1.7	1.30	13.95	1.21	NO	HRDOW	NO
L0000458	0	0.89286E-02	560081.9	4190838.3	2.0	1.30	9.30	1.21	NO	HRDOW	NO
L0000459	0	0.89286E-02	560100.9	4190844.4	2.0	1.30	9.30	1.21	NO	HRDOW	NO
L0000460	0	0.89286E-02	560120.0	4190850.4	2.0	1.30	9.30	1.21	NO	HRDOW	NO
L0000461	0	0.89286E-02	560139.1	4190856.5	1.7	1.30	9.30	1.21	NO	HRDOW	NO
L0000462	0	0.89286E-02	560158.1	4190862.5	1.2	1.30	9.30	1.21	NO	HRDOW	NO
L0000463	0	0.89286E-02	560177.2	4190868.6	1.8	1.30	9.30	1.21	NO	HRDOW	NO
L0000464	0	0.89286E-02	560196.4	4190874.0	1.7	1.30	9.30	1.21	NO	HRDOW	NO
L0000465	0	0.89286E-02	560215.7	4190879.4	1.4	1.30	9.30	1.21	NO	HRDOW	NO
L0000466	0	0.89286E-02	560235.0	4190884.8	1.2	1.30	9.30	1.21	NO	HRDOW	NO
L0000467	0	0.89286E-02	560254.2	4190890.2	1.0	1.30	9.30	1.21	NO	HRDOW	NO
L0000468	0	0.89286E-02	560273.5	4190895.5	1.0	1.30	9.30	1.21	NO	HRDOW	NO
L0000469	0	0.89286E-02	560292.7	4190900.9	1.2	1.30	9.30	1.21	NO	HRDOW	

NO
 L0000470   0   0.89286E-02 560312.0 4190906.3   1.3   1.30   9.30   1.21   NO   HRDOW
NO
 L0000471   0   0.89286E-02 560331.3 4190911.7   1.5   1.30   9.30   1.21   NO   HRDOW
NO
 L0000472   0   0.89286E-02 560350.5 4190917.1   1.7   1.30   9.30   1.21   NO   HRDOW
NO
 L0000473   0   0.89286E-02 560369.8 4190922.5   1.9   1.30   9.30   1.21   NO   HRDOW
NO
 L0000474   0   0.89286E-02 560389.0 4190927.9   2.0   1.30   9.30   1.21   NO   HRDOW
NO
 L0000475   0   0.89286E-02 560408.4 4190933.0   1.6   1.30   9.30   1.21   NO   HRDOW
NO
 L0000476   0   0.89286E-02 560427.8 4190937.8   1.4   1.30   9.30   1.21   NO   HRDOW
NO
 L0000477   0   0.89286E-02 560447.1 4190942.9   1.6   1.30   9.30   1.21   NO   HRDOW
NO
 L0000478   0   0.89286E-02 560466.3 4190948.5   1.7   1.30   9.30   1.21   NO   HRDOW
NO
 L0000479   0   0.89286E-02 560485.5 4190954.1   1.9   1.30   9.30   1.21   NO   HRDOW
NO
 L0000480   0   0.89286E-02 560502.9 4190963.3   2.0   1.30   9.30   1.21   NO   HRDOW
NO
 L0000481   0   0.89286E-02 560518.8 4190975.4   1.8   1.30   9.30   1.21   NO   HRDOW
NO
 L0000482   0   0.89286E-02 560533.8 4190988.5   1.4   1.30   9.30   1.21   NO   HRDOW
NO
 L0000483   0   0.89286E-02 560547.9 4191002.8   1.5   1.30   9.30   1.21   NO   HRDOW
NO
 L0000484   0   0.89286E-02 560561.9 4191017.0   2.0   1.30   9.30   1.21   NO   HRDOW
NO
 L0000485   0   0.89286E-02 560575.3 4191031.8   1.5   1.30   9.30   1.21   NO   HRDOW
NO
 L0000486   0   0.89286E-02 560587.4 4191047.7   1.4   1.30   9.30   1.21   NO   HRDOW
NO
 L0000487   0   0.89286E-02 560599.5 4191063.7   1.4   1.30   9.30   1.21   NO   HRDOW
NO
 L0000488   0   0.89286E-02 560612.9 4191078.4   1.2   1.30   9.30   1.21   NO   HRDOW
NO
 L0000489   0   0.89286E-02 560627.5 4191092.1   2.9   1.30   9.30   1.21   NO   HRDOW
NO
 L0000490   0   0.89286E-02 560645.3 4191099.6   3.9   1.30   9.30   1.21   NO   HRDOW
NO
 L0000491   0   0.89286E-02 560664.9 4191103.8   3.8   1.30   9.30   1.21   NO   HRDOW
NO
 L0000492   0   0.89286E-02 560684.4 4191108.1   3.2   1.30   9.30   1.21   NO   HRDOW
NO
 L0000493   0   0.89286E-02 560704.0 4191112.3   2.9   1.30   9.30   1.21   NO   HRDOW
NO
 L0000494   0   0.89286E-02 560723.5 4191116.5   3.0   1.30   9.30   1.21   NO   HRDOW
NO
 L0000495   0   0.89286E-02 560743.1 4191120.8   2.7   1.30   9.30   1.21   NO   HRDOW
NO

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                                                *** VOLUME SOURCE DATA ***

              NUMBER EMISSION RATE   BASE   RELEASE   INIT.   INIT.   URBAN EMISSION RATE
AIRCRAFT
   SOURCE   PART. (GRAMS/SEC)   X   Y   ELEV.   HEIGHT   SY   SZ   SOURCE SCALAR VARY
     ID   CATS.   (METERS) (METERS) (METERS) (METERS) (METERS) (METERS)   BY
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L0000496	0	0.89286E-02	560762.6	4191125.2	2.4	1.30	9.30	1.21	NO	HRDOW
NO										
L0000497	0	0.89286E-02	560782.0	4191130.0	2.0	1.30	9.30	1.21	NO	HRDOW
NO										
L0000498	0	0.89286E-02	560801.4	4191134.7	2.0	1.30	9.30	1.21	NO	HRDOW
NO										
L0000499	0	0.89286E-02	560820.8	4191139.5	2.0	1.30	9.30	1.21	NO	HRDOW
NO										
L0000500	0	0.89286E-02	560840.3	4191144.3	2.0	1.30	9.30	1.21	NO	HRDOW
NO										
L0000501	0	0.89286E-02	560859.7	4191149.1	2.0	1.30	9.30	1.21	NO	HRDOW
NO										
L0000502	0	0.89286E-02	560879.1	4191153.8	2.0	1.30	9.30	1.21	NO	HRDOW
NO										
L0000503	0	0.89286E-02	560898.5	4191158.6	2.0	1.30	9.30	1.21	NO	HRDOW
NO										
L0000504	0	0.89286E-02	560917.9	4191163.4	2.4	1.30	9.30	1.21	NO	HRDOW
NO										
L0000505	0	0.89286E-02	560937.4	4191168.2	3.0	1.30	9.30	1.21	NO	HRDOW
NO										
L0000506	0	0.89286E-02	560956.8	4191172.7	2.8	1.30	9.30	1.21	NO	HRDOW
NO										
L0000507	0	0.89286E-02	560976.4	4191176.7	2.5	1.30	9.30	1.21	NO	HRDOW
NO										
L0000508	0	0.89286E-02	560996.0	4191180.8	2.5	1.30	9.30	1.21	NO	HRDOW
NO										
L0000509	0	0.89286E-02	561015.6	4191184.9	2.6	1.30	9.30	1.21	NO	HRDOW
NO										
L0000510	0	0.89286E-02	561035.2	4191188.9	2.8	1.30	9.30	1.21	NO	HRDOW
NO										
L0000511	0	0.89286E-02	561054.8	4191193.0	3.0	1.30	9.30	1.21	NO	HRDOW
NO										
L0000512	0	0.89286E-02	561074.3	4191197.1	3.7	1.30	9.30	1.21	NO	HRDOW
NO										
L0000513	0	0.89286E-02	561090.4	4191202.7	4.2	1.30	9.30	1.21	NO	HRDOW
NO										
L0000514	0	0.89286E-02	561080.6	4191220.2	4.0	1.30	9.30	1.21	NO	HRDOW
NO										
L0000515	0	0.89286E-02	561063.3	4191218.3	3.8	1.30	9.30	1.21	NO	HRDOW
NO										
L0000516	0	0.89286E-02	561044.3	4191212.0	3.4	1.30	9.30	1.21	NO	HRDOW
NO										
L0000517	0	0.89286E-02	561025.3	4191205.7	3.0	1.30	9.30	1.21	NO	HRDOW
NO										
L0000518	0	0.89286E-02	561006.3	4191199.4	3.0	1.30	9.30	1.21	NO	HRDOW
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L0000519	0	0.89286E-02	560987.3	4191193.3	2.7	1.30	9.30	1.21	NO	HRDOW
NO										
L0000520	0	0.89286E-02	560967.9	4191188.3	2.3	1.30	9.30	1.21	NO	HRDOW
NO										
L0000521	0	0.89286E-02	560948.5	4191183.4	2.7	1.30	9.30	1.21	NO	HRDOW
NO										
L0000522	0	0.89286E-02	560929.2	4191178.4	2.9	1.30	9.30	1.21	NO	HRDOW
NO										
L0000523	0	0.89286E-02	560909.8	4191173.4	2.4	1.30	9.30	1.21	NO	HRDOW
NO										
L0000524	0	0.89286E-02	560890.4	4191168.4	2.1	1.30	9.30	1.21	NO	HRDOW
NO										
L0000525	0	0.89286E-02	560871.1	4191163.5	2.0	1.30	9.30	1.21	NO	HRDOW
NO										
L0000526	0	0.89286E-02	560851.7	4191158.5	2.0	1.30	9.30	1.21	NO	HRDOW
NO										
L0000527	0	0.89286E-02	560832.3	4191153.5	2.0	1.30	9.30	1.21	NO	HRDOW
NO										
L0000528	0	0.89286E-02	560812.9	4191148.7	2.0	1.30	9.30	1.21	NO	HRDOW
NO										
L0000529	0	0.89286E-02	560793.4	4191144.1	2.2	1.30	9.30	1.21	NO	HRDOW

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0000530	0	0.89286E-02	560774.0	4191139.5	2.4	1.30	9.30	1.21	NO	HRDOW	NO
L0000531	0	0.89286E-02	560754.5	4191134.9	2.9	1.30	9.30	1.21	NO	HRDOW	NO
L0000532	0	0.89286E-02	560735.0	4191130.3	2.9	1.30	9.30	1.21	NO	HRDOW	NO
L0000533	0	0.89286E-02	560715.6	4191125.7	2.8	1.30	9.30	1.21	NO	HRDOW	NO
L0000534	0	0.89286E-02	560696.1	4191121.1	2.5	1.30	9.30	1.21	NO	HRDOW	NO
L0000535	0	0.89286E-02	560676.7	4191116.4	3.0	1.30	9.30	1.21	NO	HRDOW	NO
L0000536	0	0.89286E-02	560657.3	4191111.4	3.8	1.30	9.30	1.21	NO	HRDOW	NO
L0000537	0	0.89286E-02	560638.0	4191106.4	4.8	1.30	9.30	1.21	NO	HRDOW	NO
L0000538	0	0.89286E-02	560618.6	4191101.4	3.5	1.30	9.30	1.21	NO	HRDOW	NO
L0000539	0	0.89286E-02	560599.5	4191095.4	2.3	1.30	9.30	1.21	NO	HRDOW	NO
L0000540	0	0.89286E-02	560584.0	4191085.2	1.6	1.30	9.30	1.21	NO	HRDOW	NO
L0000541	0	0.89286E-02	560578.4	4191066.0	1.1	1.30	9.30	1.21	NO	HRDOW	NO
L0000542	0	0.89286E-02	560571.5	4191047.5	1.0	1.30	9.30	1.21	NO	HRDOW	NO
L0000543	0	0.89286E-02	560558.9	4191032.0	1.5	1.30	9.30	1.21	NO	HRDOW	NO
L0000544	0	0.89286E-02	560546.2	4191016.5	2.0	1.30	9.30	1.21	NO	HRDOW	NO
L0000545	0	0.89286E-02	560533.6	4191000.9	1.7	1.30	9.30	1.21	NO	HRDOW	NO
L0000546	0	0.89286E-02	560520.4	4190985.9	1.8	1.30	9.30	1.21	NO	HRDOW	NO
L0000547	0	0.89286E-02	560506.4	4190971.7	2.0	1.30	9.30	1.21	NO	HRDOW	NO
L0000548	0	0.89286E-02	560491.5	4190958.9	2.0	1.30	9.30	1.21	NO	HRDOW	NO
L0000549	0	0.89286E-02	560472.2	4190953.8	1.9	1.30	9.30	1.21	NO	HRDOW	NO
L0000550	0	0.89286E-02	560452.8	4190948.6	1.7	1.30	9.30	1.21	NO	HRDOW	NO
L0000551	0	0.89286E-02	560433.5	4190943.4	1.6	1.30	9.30	1.21	NO	HRDOW	NO
L0000552	0	0.89286E-02	560414.2	4190938.2	1.6	1.30	9.30	1.21	NO	HRDOW	NO
L0000553	0	0.89286E-02	560394.9	4190933.1	2.0	1.30	9.30	1.21	NO	HRDOW	NO
L0000554	0	0.89286E-02	560375.6	4190927.9	2.0	1.30	9.30	1.21	NO	HRDOW	NO

L0000555	0	0.89286E-02	560356.2	4190922.7	1.9	1.30	9.30	1.21	NO	HRDOW	NO
L0000556	0	0.89286E-02	560336.9	4190917.6	1.7	1.30	9.30	1.21	NO	HRDOW	NO
L0000557	0	0.89286E-02	560317.6	4190912.4	1.5	1.30	9.30	1.21	NO	HRDOW	NO
L0000558	0	0.89286E-02	560298.3	4190907.3	1.4	1.30	9.30	1.21	NO	HRDOW	NO
L0000559	0	0.89286E-02	560278.9	4190902.2	1.2	1.30	9.30	1.21	NO	HRDOW	NO
L0000560	0	0.89286E-02	560259.6	4190897.1	1.0	1.30	9.30	1.21	NO	HRDOW	NO
L0000561	0	0.89286E-02	560240.2	4190892.0	1.1	1.30	9.30	1.21	NO	HRDOW	NO
L0000562	0	0.89286E-02	560220.9	4190886.9	1.5	1.30	9.30	1.21	NO	HRDOW	NO
L0000563	0	0.89286E-02	560201.6	4190881.8	1.7	1.30	9.30	1.21	NO	HRDOW	NO
L0000564	0	0.89286E-02	560182.2	4190876.6	2.0	1.30	9.30	1.21	NO	HRDOW	NO
L0000565	0	0.89286E-02	560162.9	4190871.5	1.4	1.30	9.30	1.21	NO	HRDOW	NO
L0000566	0	0.89286E-02	560143.6	4190866.4	1.3	1.30	9.30	1.21	NO	HRDOW	NO
L0000567	0	0.89286E-02	560124.5	4190860.6	2.0	1.30	9.30	1.21	NO	HRDOW	NO
L0000568	0	0.89286E-02	560105.5	4190854.3	2.0	1.30	9.30	1.21	NO	HRDOW	NO
L0000569	0	0.89286E-02	560086.5	4190848.1	2.0	1.30	9.30	1.21	NO	HRDOW	NO
L0000570	0	0.33333E+00	561104.9	4191220.6	4.7	3.40	23.26	3.16	NO	HRDOW	NO
L0000571	0	0.33333E+00	561152.8	4191234.7	5.6	3.40	23.26	3.16	NO	HRDOW	NO
L0000572	0	0.33333E+00	561200.8	4191248.9	6.1	3.40	23.26	3.16	NO	HRDOW	NO
L0000573	0	0.14286E+00	561243.2	4191236.0	4.3	3.40	46.51	3.16	NO	HRDOW	NO
L0000574	0	0.14286E+00	561266.8	4191138.8	5.8	3.40	46.51	3.16	NO	HRDOW	NO
L0000575	0	0.14286E+00	561290.5	4191041.7	2.9	3.40	46.51	3.16	NO	HRDOW	NO

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0000576	0	0.14286E+00	561314.0	4190944.5	2.0	3.40	46.51	3.16	NO	HRDOW	NO
L0000577	0	0.14286E+00	561335.2	4190846.7	1.6	3.40	46.51	3.16	NO	HRDOW	NO
L0000578	0	0.14286E+00	561356.4	4190749.0	2.4	3.40	46.51	3.16	NO	HRDOW	NO
L0000579	0	0.14286E+00	561380.3	4190651.9	3.5	3.40	46.51	3.16	NO	HRDOW	NO
L0000580	0	0.14286E+00	561231.3	4191283.6	3.9	3.40	46.51	3.16	NO	HRDOW	

NO
 L0000581   0   0.14286E+00 561207.5 4191380.8   3.5   3.40   46.51   3.16   NO   HRDOW
NO
 L0000582   0   0.14286E+00 561183.8 4191477.9   3.0   3.40   46.51   3.16   NO   HRDOW
NO
 L0000583   0   0.14286E+00 561159.4 4191574.9   3.0   3.40   46.51   3.16   NO   HRDOW
NO
 L0000584   0   0.14286E+00 561134.1 4191671.6   3.0   3.40   46.51   3.16   NO   HRDOW
NO
 L0000585   0   0.14286E+00 561108.8 4191768.4   3.0   3.40   46.51   3.16   NO   HRDOW
NO
 L0000586   0   0.14286E+00 561083.7 4191865.2   3.0   3.40   46.51   3.16   NO   HRDOW
NO

*** AREAPOLY SOURCE DATA ***

AIRCRAFT SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC /METER**2)	LOCATION OF AREA X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	NUMBER OF VERTS.	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
UNIPM	0	0.41333E-04	560572.5	4191095.0	2.2	0.00	18	0.00	NO	HRDOW
NO										
PLAPM	0	0.37617E-03	560062.1	4190856.0	2.0	0.00	5	0.00	NO	HRDOW
NO										
SEAPM	0	0.47611E-04	560061.6	4190781.3	1.9	0.00	11	0.00	NO	HRDOW
NO										
BLPM	0	0.31342E-02	560209.6	4190486.2	0.4	0.00	4	0.00	NO	HRDOW
NO										

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
BLPM	BLPM ,
BOATL	L0000445 , L0000446 ,
DREDG	L0000587 , L0000588 , L0000589 , L0000590 , L0000591 , L0000592 , L0000593 , L0000594 ,
	L0000595 , L0000596 , L0000597 , L0000598 , L0000599 , L0000600 , L0000601 , L0000602 ,
	L0000603 , L0000604 , L0000605 , L0000606 , L0000607 , L0000608 , L0000609 , L0000610 ,
	L0000611 , L0000612 , L0000613 , L0000614 , L0000615 , L0000616 , L0000617 , L0000618 ,

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
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	L0000627 , L0000628 , L0000629 , L0000630 , L0000631 , L0000632 , L0000633 , L0000634 ,
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  HAUL3      L0000580    , L0000581    , L0000582    , L0000583    , L0000584    , L0000585    , L0000586    ,

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 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*


                                        *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID                                        SOURCE IDs
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  UNIPM     UNIPM       ,
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*


                                        *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID                                          SOURCE IDs
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 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

  PAGE  21
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*


                                        *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID                                      SOURCE IDs
 -----------                                      ----------


            L0000635    , L0000636    , L0000637    , L0000638    , L0000639    , L0000640    , L0000641    ,
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 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                                        *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID   SOURCE IDs
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             L0000795   , L0000796   , L0000797   , L0000798   , L0000799   , L0000800   , L0000801   ,
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 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*


                                        *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID                                        SOURCE IDs
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 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*
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*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID SOURCE IDs
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L0000580 , L0000581 , L0000582 , L0000583 , L0000584 , L0000585 , L0000586 ,

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

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

SOURCE ID = L0000587 ; SOURCE TYPE = VOLUME :

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

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

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

SOURCE ID = L0000588 ; SOURCE TYPE = VOLUME :

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

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

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

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

 SOURCE ID = L0000589   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

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

 SOURCE ID = L0000590   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00

```
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

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

 SOURCE ID = L0000593     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

  PAGE  32
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

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

 SOURCE ID = L0000594     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
```

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0000595 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0000596 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

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

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

SOURCE ID = L0000597 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR
- -
- - - - - - -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
17 .1000E+01 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
17 .1000E+01 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00
8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00
16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00

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

```
 SOURCE ID = L0000598     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

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

 SOURCE ID = L0000599     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

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

SOURCE ID = L0000600 ; SOURCE TYPE = VOLUME :

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

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

SOURCE ID = L0000601 ; SOURCE TYPE = VOLUME :

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

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

SOURCE ID = L0000602 ; SOURCE TYPE = VOLUME :

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

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

SOURCE ID = L0000603 ; SOURCE TYPE = VOLUME :

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

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

SOURCE ID = L0000604 ; SOURCE TYPE = VOLUME :

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

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

SOURCE ID = L0000605 ; SOURCE TYPE = VOLUME :

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

16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

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

 SOURCE ID = L0000606   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

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

 SOURCE ID = L0000607   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SUNDAY

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    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

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

 SOURCE ID = L0000608     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

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

 SOURCE ID = L0000609     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
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   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                        DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

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

 SOURCE ID = L0000610     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                        DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                        DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

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

 SOURCE ID = L0000611     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                        DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
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8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

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

 SOURCE ID = L0000612   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

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

 SOURCE ID = L0000613   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00

```
24  .0000E+00
                                        DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                        DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

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

 SOURCE ID = L0000614     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                        DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                        DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

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

 SOURCE ID = L0000615     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
```

```
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

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

 SOURCE ID = L0000616     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

  PAGE  55
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

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

 SOURCE ID = L0000617     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
```

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

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

SOURCE ID = L0000618 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR

- -

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

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

SOURCE ID = L0000619 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

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

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

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

SOURCE ID = L0000620   ; SOURCE TYPE = VOLUME   :
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
DAY OF WEEK = WEEKDAY
1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

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

```
 SOURCE ID = L0000621     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

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

 SOURCE ID = L0000622     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

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

SOURCE ID = L0000623 ; SOURCE TYPE = VOLUME :

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

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

SOURCE ID = L0000624 ; SOURCE TYPE = VOLUME :

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

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

SOURCE ID = L0000625 ; SOURCE TYPE = VOLUME :

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

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

SOURCE ID = L0000626 ; SOURCE TYPE = VOLUME :

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

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

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

SOURCE ID = L0000627 ; SOURCE TYPE = VOLUME :

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

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

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

SOURCE ID = L0000628 ; SOURCE TYPE = VOLUME :

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

16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

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

 SOURCE ID = L0000629   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

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

 SOURCE ID = L0000630   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SUNDAY

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

 SOURCE ID = L0000631   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

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

 SOURCE ID = L0000632   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01

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

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

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

 SOURCE ID = L0000633     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                        DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                        DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

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

 SOURCE ID = L0000634     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                        DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
```

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

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

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

 SOURCE ID = L0000635   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

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

 SOURCE ID = L0000636   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00

24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0000637 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0000638 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

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

```
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

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

 SOURCE ID = L0000639     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

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

 SOURCE ID = L0000640     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
```

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0000641 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0000642 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

HOUR SCALAR
- -

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

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

SOURCE ID = L0000643 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- -

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

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

```
 SOURCE ID = L0000644     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

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

 SOURCE ID = L0000645     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

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

SOURCE ID = L0000646 ; SOURCE TYPE = VOLUME :

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

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

SOURCE ID = L0000647 ; SOURCE TYPE = VOLUME :

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

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

SOURCE ID = L0000648 ; SOURCE TYPE = VOLUME :

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

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

SOURCE ID = L0000649 ; SOURCE TYPE = VOLUME :

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

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

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

SOURCE ID = L0000650 ; SOURCE TYPE = VOLUME :

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

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

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

SOURCE ID = L0000651 ; SOURCE TYPE = VOLUME :

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

16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

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

 SOURCE ID = L0000652   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

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

 SOURCE ID = L0000653   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SUNDAY

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

 SOURCE ID = L0000654     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
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                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000655     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
```

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

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

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

 SOURCE ID = L0000656     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                        DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                        DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

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

 SOURCE ID = L0000657     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                        DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
```

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

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

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

 SOURCE ID = L0000658   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

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

 SOURCE ID = L0000659   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00

24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0000660 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0000661 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

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

```
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

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

 SOURCE ID = L0000662     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

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

 SOURCE ID = L0000663     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
```

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

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

SOURCE ID = L0000664 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR
- -
- - - - - - -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
17 .1000E+01 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
17 .1000E+01 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00
8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00
16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00

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

SOURCE ID = L0000665 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

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


*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

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

```
 SOURCE ID = L0000666     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
```


*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

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

```
 SOURCE ID = L0000667     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

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

 SOURCE ID = L0000668     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

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

SOURCE ID = L0000669 ; SOURCE TYPE = VOLUME :

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

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

SOURCE ID = L0000670 ; SOURCE TYPE = VOLUME :

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

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

SOURCE ID = L0000671 ; SOURCE TYPE = VOLUME :

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

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

SOURCE ID = L0000672 ; SOURCE TYPE = VOLUME :

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

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

SOURCE ID = L0000673 ; SOURCE TYPE = VOLUME :

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

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

SOURCE ID = L0000674 ; SOURCE TYPE = VOLUME :

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

16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

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

 SOURCE ID = L0000675   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

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

 SOURCE ID = L0000676   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SUNDAY

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

 SOURCE ID = L0000677   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

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

 SOURCE ID = L0000678   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01

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

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

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

 SOURCE ID = L0000679     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                        DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                        DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

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

 SOURCE ID = L0000680     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                        DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
```

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

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

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

 SOURCE ID = L0000681   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

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

 SOURCE ID = L0000682   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00

```
24  .0000E+00
                                        DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                        DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

  PAGE 121
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

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

 SOURCE ID = L0000683     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                        DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                        DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

  PAGE 122
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

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

 SOURCE ID = L0000684     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
```

```
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

  PAGE 123
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

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

 SOURCE ID = L0000685     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

  PAGE 124
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

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

 SOURCE ID = L0000686     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
```

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

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

SOURCE ID = L0000687 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR
- -
- - - - - - -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
17 .1000E+01 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
17 .1000E+01 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00
8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00
16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00

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

SOURCE ID = L0000688 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

HOUR SCALAR
- -

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

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

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

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

SOURCE ID = L0000689 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR
- -

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

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

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

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

```
 SOURCE ID = L0000690     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

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

 SOURCE ID = L0000691     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

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

SOURCE ID = L0000692 ; SOURCE TYPE = VOLUME :

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

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

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

SOURCE ID = L0000693 ; SOURCE TYPE = VOLUME :

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

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

SOURCE ID = L0000694 ; SOURCE TYPE = VOLUME :

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

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

SOURCE ID = L0000695 ; SOURCE TYPE = VOLUME :

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

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

SOURCE ID = L0000696 ; SOURCE TYPE = VOLUME :

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

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

SOURCE ID = L0000697 ; SOURCE TYPE = VOLUME :

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

16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

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

 SOURCE ID = L0000698   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

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

 SOURCE ID = L0000699   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SUNDAY

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



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

 SOURCE ID = L0000700     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
```



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

 SOURCE ID = L0000701     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
```

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


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

 SOURCE ID = L0000702     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                        DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                        DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00


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

 SOURCE ID = L0000703     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                        DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
```

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

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

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

 SOURCE ID = L0000704   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

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

 SOURCE ID = L0000705   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00

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

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

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

 SOURCE ID = L0000706   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

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

 SOURCE ID = L0000707   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01

```
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

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

 SOURCE ID = L0000708     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

  PAGE 147
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

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

 SOURCE ID = L0000709     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
```

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0000710 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0000711 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

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

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

SOURCE ID = L0000712   ; SOURCE TYPE = VOLUME   :
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
- -
DAY OF WEEK = WEEKDAY
1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

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

```
 SOURCE ID = L0000713     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

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

 SOURCE ID = L0000714     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

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

SOURCE ID = L0000715 ; SOURCE TYPE = VOLUME :

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

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

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

SOURCE ID = L0000716 ; SOURCE TYPE = VOLUME :

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

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

SOURCE ID = L0000717 ; SOURCE TYPE = VOLUME :

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

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

SOURCE ID = L0000718 ; SOURCE TYPE = VOLUME :

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

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

SOURCE ID = L0000719 ; SOURCE TYPE = VOLUME :

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

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

SOURCE ID = L0000720 ; SOURCE TYPE = VOLUME :

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

16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

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

 SOURCE ID = L0000721   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

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

 SOURCE ID = L0000722   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SUNDAY

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

 SOURCE ID = L0000723   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

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

 SOURCE ID = L0000724   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01

```
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00

                                        DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
1*** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

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

 SOURCE ID = L0000725     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                        DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                        DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
1*** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

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

 SOURCE ID = L0000726     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                        DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
```

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

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

 SOURCE ID = L0000727   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

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

 SOURCE ID = L0000728   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00

```
24  .0000E+00
                                        DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                        DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

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

 SOURCE ID = L0000729     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                        DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                        DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

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

 SOURCE ID = L0000730     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
```

```
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
* *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

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

 SOURCE ID = L0000731     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
* *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

  PAGE 170
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

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

 SOURCE ID = L0000732     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
```

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

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

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

SOURCE ID = L0000733 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR
- -
- - - - - - -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
17 .1000E+01 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
17 .1000E+01 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00
8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00
16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

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

SOURCE ID = L0000734 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

HOUR SCALAR
- -

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0000735 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR
- -

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

```
 SOURCE ID = L0000736     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

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

 SOURCE ID = L0000737     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

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

SOURCE ID = L0000738 ; SOURCE TYPE = VOLUME :

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

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

SOURCE ID = L0000739 ; SOURCE TYPE = VOLUME :

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

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

SOURCE ID = L0000740 ; SOURCE TYPE = VOLUME :

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

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

SOURCE ID = L0000741 ; SOURCE TYPE = VOLUME :

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

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

SOURCE ID = L0000742 ; SOURCE TYPE = VOLUME :

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

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

SOURCE ID = L0000743 ; SOURCE TYPE = VOLUME :

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

16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

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

 SOURCE ID = L0000744   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

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

 SOURCE ID = L0000745   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SUNDAY

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

 SOURCE ID = L0000746   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

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

 SOURCE ID = L0000747   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01

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   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                        DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

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

 SOURCE ID = L0000748     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                        DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                        DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

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

 SOURCE ID = L0000749     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                        DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
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8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

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

 SOURCE ID = L0000750   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

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

 SOURCE ID = L0000751   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00

```
24  .0000E+00
                                        DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                        DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

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

 SOURCE ID = L0000752     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                        DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                        DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

  PAGE 191
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

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

 SOURCE ID = L0000753     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
```

```
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

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

 SOURCE ID = L0000754     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

  PAGE 193
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

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

 SOURCE ID = L0000755     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
```

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

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

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

SOURCE ID = L0000756 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR
- -

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

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

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

SOURCE ID = L0000757 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

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

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

SOURCE ID = L0000758 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR
- -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
17 .1000E+01 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
17 .1000E+01 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00
8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00
16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00

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

```
 SOURCE ID = L0000759     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

  PAGE 198
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

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

 SOURCE ID = L0000760     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

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

SOURCE ID = L0000761 ; SOURCE TYPE = VOLUME :

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

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

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

SOURCE ID = L0000762 ; SOURCE TYPE = VOLUME :

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

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

SOURCE ID = L0000763 ; SOURCE TYPE = VOLUME :

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

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

SOURCE ID = L0000764 ; SOURCE TYPE = VOLUME :

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

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

SOURCE ID = L0000765 ; SOURCE TYPE = VOLUME :

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

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

SOURCE ID = L0000766 ; SOURCE TYPE = VOLUME :

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

16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

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

 SOURCE ID = L0000767   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

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

 SOURCE ID = L0000768   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SUNDAY

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

 SOURCE ID = L0000769   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

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

 SOURCE ID = L0000770   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01

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   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00

                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
1*** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

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

 SOURCE ID = L0000771     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
1*** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

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

 SOURCE ID = L0000772     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
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8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

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

 SOURCE ID = L0000773   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

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

 SOURCE ID = L0000774   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00

```
24  .0000E+00
                                        DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                        DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

  PAGE 213
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

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

 SOURCE ID = L0000775     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                        DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                        DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

  PAGE 214
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

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

 SOURCE ID = L0000776     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
```

```
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

  PAGE 215
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

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

 SOURCE ID = L0000777     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

  PAGE 216
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

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

 SOURCE ID = L0000778     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
```

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



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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

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

 SOURCE ID = L0000779     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
```



```
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

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

 SOURCE ID = L0000780     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
```

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

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

SOURCE ID = L0000781 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR
- -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
17 .1000E+01 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
17 .1000E+01 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00
8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00
16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00

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

```
 SOURCE ID = L0000782     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

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

 SOURCE ID = L0000783     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

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

SOURCE ID = L0000784 ; SOURCE TYPE = VOLUME :

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

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

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

SOURCE ID = L0000785 ; SOURCE TYPE = VOLUME :

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

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

SOURCE ID = L0000786 ; SOURCE TYPE = VOLUME :

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

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

SOURCE ID = L0000787 ; SOURCE TYPE = VOLUME :

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

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

SOURCE ID = L0000788 ; SOURCE TYPE = VOLUME :

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

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

SOURCE ID = L0000789 ; SOURCE TYPE = VOLUME :

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

16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

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

 SOURCE ID = L0000790   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

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

 SOURCE ID = L0000791   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SUNDAY

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

 SOURCE ID = L0000792   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

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

 SOURCE ID = L0000793   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01

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   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                        DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

  PAGE 232
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

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

 SOURCE ID = L0000794     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                        DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                        DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

  PAGE 233
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

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

 SOURCE ID = L0000795     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                        DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
```

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

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

 SOURCE ID = L0000796   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

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

 SOURCE ID = L0000797   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00

24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0000798 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0000799 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

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

```
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

  PAGE 238
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

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

 SOURCE ID = L0000800     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

  PAGE 239
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

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

 SOURCE ID = L0000801     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
```

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

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

SOURCE ID = L0000802 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR
- -
- - - - - - -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
17 .1000E+01 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
17 .1000E+01 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00
8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00
16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00

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

SOURCE ID = L0000803 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

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

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

SOURCE ID = L0000804   ; SOURCE TYPE = VOLUME   :
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
DAY OF WEEK = WEEKDAY
1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

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

```
 SOURCE ID = L0000805     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

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

 SOURCE ID = L0000806     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

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

SOURCE ID = L0000807 ; SOURCE TYPE = VOLUME :

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

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

SOURCE ID = L0000808 ; SOURCE TYPE = VOLUME :

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

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

SOURCE ID = L0000809 ; SOURCE TYPE = VOLUME :

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

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

SOURCE ID = L0000810 ; SOURCE TYPE = VOLUME :

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

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

SOURCE ID = L0000811 ; SOURCE TYPE = VOLUME :

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

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

SOURCE ID = L0000812 ; SOURCE TYPE = VOLUME :

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

16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

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

 SOURCE ID = L0000813   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

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

 SOURCE ID = L0000814   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SUNDAY

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

 SOURCE ID = L0000815     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                        DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                        DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
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                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000816     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                        DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
```

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


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

 SOURCE ID = L0000817     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                        DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                        DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00


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

 SOURCE ID = L0000818     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                        DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
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8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

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

 SOURCE ID = L0000819   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

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

 SOURCE ID = L0000820   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00

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

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

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

 SOURCE ID = L0000821   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

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

 SOURCE ID = L0000822   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01

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    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

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

 SOURCE ID = L0000823     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

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

 SOURCE ID = L0000824     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
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                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
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                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000825     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
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                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000826     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
```

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

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

SOURCE ID = L0000827   ; SOURCE TYPE = VOLUME   :
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
- -
DAY OF WEEK = WEEKDAY
1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

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

```
 SOURCE ID = L0000828     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

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

 SOURCE ID = L0000829     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

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

SOURCE ID = L0000830 ; SOURCE TYPE = VOLUME :

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

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

SOURCE ID = L0000831 ; SOURCE TYPE = VOLUME :

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

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

SOURCE ID = L0000832 ; SOURCE TYPE = VOLUME :

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

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

SOURCE ID = L0000833 ; SOURCE TYPE = VOLUME :

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

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

SOURCE ID = L0000834 ; SOURCE TYPE = VOLUME :

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

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

SOURCE ID = L0000835 ; SOURCE TYPE = VOLUME :

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

16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

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

 SOURCE ID = L0000836   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

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

 SOURCE ID = L0000837   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SUNDAY

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

 SOURCE ID = L0000838   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

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

 SOURCE ID = L0000839   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01

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

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

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

 SOURCE ID = L0000840     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                        DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                        DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

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

 SOURCE ID = L0000841     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                        DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
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8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

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

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

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

 SOURCE ID = L0000842   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

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

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

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

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

 SOURCE ID = L0000843   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00

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24  .0000E+00
                                        DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                        DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
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*** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

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

 SOURCE ID = L0000844     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                        DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                        DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
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*** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

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

 SOURCE ID = L0000845     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
```

```
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

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

 SOURCE ID = L0000846     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

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

 SOURCE ID = L0000847     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
```

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

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

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

SOURCE ID = L0000848 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR
- -
- - - - - - -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
17 .1000E+01 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
17 .1000E+01 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00
8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00
16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

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

SOURCE ID = L0000849 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

HOUR SCALAR
- -

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0000850 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR
- -

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

```
 SOURCE ID = L0000851     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

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

 SOURCE ID = L0000852     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

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

SOURCE ID = L0000853 ; SOURCE TYPE = VOLUME :

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

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

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

SOURCE ID = L0000854 ; SOURCE TYPE = VOLUME :

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

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

SOURCE ID = L0000855 ; SOURCE TYPE = VOLUME :

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

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

SOURCE ID = L0000856 ; SOURCE TYPE = VOLUME :

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

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

SOURCE ID = L0000857 ; SOURCE TYPE = VOLUME :

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

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

SOURCE ID = L0000858 ; SOURCE TYPE = VOLUME :

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

16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

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

 SOURCE ID = L0000859   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

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

 SOURCE ID = L0000860   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SUNDAY

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

 SOURCE ID = L0000861     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
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                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000862     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
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```
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                             DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
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                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000863     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                             DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                             DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                             DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
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                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000864     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                             DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                             DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
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8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

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

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

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

 SOURCE ID = L0000865   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

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

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

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

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

 SOURCE ID = L0000866   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00

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

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

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

 SOURCE ID = L0000867     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                        DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                        DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

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

 SOURCE ID = L0000868     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
```

```
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

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

 SOURCE ID = L0000869     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

  PAGE 308
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

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

 SOURCE ID = L0000870     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
```

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

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

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

SOURCE ID = L0000871 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR
- -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
17 .1000E+01 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
17 .1000E+01 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00
8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00
16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

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

SOURCE ID = L0000872 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

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

 SOURCE ID = L0000873     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
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                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *
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```
 SOURCE ID = L0000874     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

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

 SOURCE ID = L0000875     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

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

SOURCE ID = L0000876 ; SOURCE TYPE = VOLUME :

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

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

SOURCE ID = L0000877 ; SOURCE TYPE = VOLUME :

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

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

SOURCE ID = L0000878 ; SOURCE TYPE = VOLUME :

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

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

SOURCE ID = L0000879 ; SOURCE TYPE = VOLUME :

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

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

SOURCE ID = L0000880 ; SOURCE TYPE = VOLUME :

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

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

SOURCE ID = L0000881 ; SOURCE TYPE = VOLUME :

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

16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

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

 SOURCE ID = L0000882   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

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

 SOURCE ID = L0000883   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SUNDAY

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

 SOURCE ID = L0000884   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

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

 SOURCE ID = L0000885   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01

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

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

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

 SOURCE ID = L0000886     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                        DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                        DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

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

 SOURCE ID = L0000887     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                        DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
```

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

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

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

 SOURCE ID = L0000888   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

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

 SOURCE ID = L0000889   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00

24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0000890 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0000891 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

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

```
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

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

 SOURCE ID = L0000892     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

  PAGE 331
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

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

 SOURCE ID = L0000893     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
```

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

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

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

SOURCE ID = L0000894 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR
- -
- - - - - - -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
17 .1000E+01 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
17 .1000E+01 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00
8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00
16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

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

SOURCE ID = L0000895 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

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

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

SOURCE ID = L0000896   ; SOURCE TYPE = VOLUME   :
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
DAY OF WEEK = WEEKDAY
1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

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

 SOURCE ID = L0000897   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

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

 SOURCE ID = L0000898   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

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

SOURCE ID = L0000899 ; SOURCE TYPE = VOLUME :

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

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

SOURCE ID = L0000445 ; SOURCE TYPE = VOLUME :

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

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

SOURCE ID = L0000446 ; SOURCE TYPE = VOLUME :

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

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

SOURCE ID = L0000369 ; SOURCE TYPE = VOLUME :

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

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

SOURCE ID = L0000370 ; SOURCE TYPE = VOLUME :

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

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

SOURCE ID = L0000371 ; SOURCE TYPE = VOLUME :

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

16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

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

 SOURCE ID = L0000372   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

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

 SOURCE ID = L0000373   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SUNDAY

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

 SOURCE ID = L0000374     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
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                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000375     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
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   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                        DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

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

 SOURCE ID = L0000376     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                        DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                        DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

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

 SOURCE ID = L0000377     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                        DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
```

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

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

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

 SOURCE ID = L0000378   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

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

 SOURCE ID = L0000379   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00

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

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

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

 SOURCE ID = L0000380   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

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

 SOURCE ID = L0000381   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01

```
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

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

 SOURCE ID = L0000382     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

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

 SOURCE ID = L0000383     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
```

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

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

SOURCE ID = L0000384 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR
- -
- - - - - - -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
17 .1000E+01 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
17 .1000E+01 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00
8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00
16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00

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

SOURCE ID = L0000385 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

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

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

SOURCE ID = L0000386 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR
- -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
17 .1000E+01 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
17 .1000E+01 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00
8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00
16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00

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

```
 SOURCE ID = L0000387     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

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

 SOURCE ID = L0000388     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

  PAGE 360
```

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

SOURCE ID = L0000389 ; SOURCE TYPE = VOLUME :

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

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

SOURCE ID = L0000390 ; SOURCE TYPE = VOLUME :

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

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

SOURCE ID = L0000391 ; SOURCE TYPE = VOLUME :

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

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

SOURCE ID = L0000392 ; SOURCE TYPE = VOLUME :

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

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

SOURCE ID = L0000393 ; SOURCE TYPE = VOLUME :

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

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

SOURCE ID = L0000394 ; SOURCE TYPE = VOLUME :

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

16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

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

 SOURCE ID = L0000395   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

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

 SOURCE ID = L0000396   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SUNDAY

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

 SOURCE ID = L0000397   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

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

 SOURCE ID = L0000398   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01

```
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                        DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

  PAGE 370
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

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

 SOURCE ID = L0000399     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                        DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                        DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

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

 SOURCE ID = L0000400     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                        DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
```

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

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

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

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

 SOURCE ID = L0000401   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

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

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

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

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

 SOURCE ID = L0000402   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00

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

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

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

 SOURCE ID = L0000403   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

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

 SOURCE ID = L0000404   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01

```
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

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

 SOURCE ID = L0000405     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

  PAGE 377
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

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

 SOURCE ID = L0000406     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
```

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

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

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

SOURCE ID = L0000407 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR
- -
- - - - - - -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
17 .1000E+01 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
17 .1000E+01 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00
8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00
16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

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

SOURCE ID = L0000408 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

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

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

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

SOURCE ID = L0000409 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR
 -
- - - - - - -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
17 .1000E+01 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
17 .1000E+01 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00
8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00
16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

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

```
 SOURCE ID = L0000410     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

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

 SOURCE ID = L0000411     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

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

SOURCE ID = L0000412 ; SOURCE TYPE = VOLUME :

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

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

SOURCE ID = L0000413 ; SOURCE TYPE = VOLUME :

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

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

SOURCE ID = L0000414 ; SOURCE TYPE = VOLUME :

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

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

SOURCE ID = L0000415 ; SOURCE TYPE = VOLUME :

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

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

SOURCE ID = L0000416 ; SOURCE TYPE = VOLUME :

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

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

SOURCE ID = L0000417 ; SOURCE TYPE = VOLUME :

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

16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

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

 SOURCE ID = L0000418   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

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

 SOURCE ID = L0000419   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SUNDAY

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

 SOURCE ID = L0000420   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

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

 SOURCE ID = L0000421   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01

```
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                        DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

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

 SOURCE ID = L0000422     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                        DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                        DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

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

 SOURCE ID = L0000423     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                        DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
```

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

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

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

 SOURCE ID = L0000424   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

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

 SOURCE ID = L0000425   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00

```
24  .0000E+00
                                        DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                        DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

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

 SOURCE ID = L0000426     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                        DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                        DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

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

 SOURCE ID = L0000427     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
```

```
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

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

 SOURCE ID = L0000428     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

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

 SOURCE ID = L0000429     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
```

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0000430 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0000431 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

HOUR SCALAR
- -

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

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

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

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

SOURCE ID = L0000432 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR
- -

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

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

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

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

```
 SOURCE ID = L0000433     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

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

 SOURCE ID = L0000434     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

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

SOURCE ID = L0000435 ; SOURCE TYPE = VOLUME :

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

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

SOURCE ID = L0000436 ; SOURCE TYPE = VOLUME :

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

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

SOURCE ID = L0000437 ; SOURCE TYPE = VOLUME :

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

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

SOURCE ID = L0000438 ; SOURCE TYPE = VOLUME :

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

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

SOURCE ID = L0000439 ; SOURCE TYPE = VOLUME :

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

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

SOURCE ID = L0000440 ; SOURCE TYPE = VOLUME :

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

16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

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

 SOURCE ID = L0000441   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

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

 SOURCE ID = L0000442   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SUNDAY

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

 SOURCE ID = L0000443   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

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

 SOURCE ID = L0000444   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01

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


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

 SOURCE ID = L0000447     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                        DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                        DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00


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

 SOURCE ID = L0000448     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                        DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
```

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

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

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

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

 SOURCE ID = L0000449   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

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

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

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

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

 SOURCE ID = L0000450   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00

```
24  .0000E+00
                                        DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                        DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000451     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                        DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                        DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000452     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
```

```
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

  PAGE 422
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000453     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000454     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
```

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000455 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000456 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

HOUR   SCALAR
- -

DAY OF WEEK = WEEKDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000457   ; SOURCE TYPE = VOLUME   :
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
- -

DAY OF WEEK = WEEKDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

```
 SOURCE ID = L0000458     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000459     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000460 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000461 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000462 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000463 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000464 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000465 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00

16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000466   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000467   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SUNDAY

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    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
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                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000468     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
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                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000469     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
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   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00

                                        DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
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                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000470     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                        DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                        DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
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                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000471     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                        DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
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8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000472   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000473   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00

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24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

  PAGE 443
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000474     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

  PAGE 444
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000475     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
```

```
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

  PAGE 445
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000476     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

  PAGE 446
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000477     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
```

```
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
```



```
                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000478     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
```



```
                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000479     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
```

HOUR   SCALAR
 -
- - - - - - -
DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000480   ; SOURCE TYPE = VOLUME   :
 HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

```
 SOURCE ID = L0000481     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

  PAGE 451
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000482     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

  PAGE 452
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000483 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000484 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000485 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000486 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000487 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000488 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00

16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000489   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000490   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SUNDAY

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000491   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000492   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01

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   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00

                                        DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
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                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000493     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                        DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                        DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
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                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000494     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                        DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
```

8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000495   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000496   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00

```
24  .0000E+00
                                        DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                        DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000497     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                        DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                        DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000498     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
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    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000499     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

  PAGE 469
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000500     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
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DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
17 .1000E+01 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
17 .1000E+01 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00
8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00
16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000501 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR
- -
- - - - - - -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
17 .1000E+01 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
17 .1000E+01 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00
8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00
16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000502 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

HOUR   SCALAR
 -
- - - - - - -
DAY OF WEEK = WEEKDAY
1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000503   ; SOURCE TYPE = VOLUME   :
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
DAY OF WEEK = WEEKDAY
1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

```
 SOURCE ID = L0000504     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

  PAGE 474
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000505     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000506 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000507 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000508 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000509 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000510 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000511 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00

16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000512   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000513   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SUNDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
```



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                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000514     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
```



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                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000515     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
```

```
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                        DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000516     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                        DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                        DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000517     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                        DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
```

8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

                                        DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000518   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

                                        DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

                                        DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000519   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00

```
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000520     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000521     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
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```
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000522     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

  PAGE 492
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000523     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
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DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
17 .1000E+01 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
17 .1000E+01 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00
8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00
16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000524 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR
- -
- - - - - - -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
17 .1000E+01 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
17 .1000E+01 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00
8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00
16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000525 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

HOUR   SCALAR
- -

DAY OF WEEK = WEEKDAY
1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

DAY OF WEEK = SUNDAY
1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000526   ; SOURCE TYPE = VOLUME   :
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
- -

DAY OF WEEK = WEEKDAY
1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

DAY OF WEEK = SUNDAY
1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

```
 SOURCE ID = L0000527     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000528     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000529 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000530 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000531 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000532 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000533 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000534 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00

16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000535   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000536   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SUNDAY

```
                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000537     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                        DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                        DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
```



```
                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000538     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                        DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
```

```
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000539     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000540     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
```

8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

                                        DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000541   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

                                        DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

                                        DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000542   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00

```
24  .0000E+00
                                        DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                        DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

  PAGE 512
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000543     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                        DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                        DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

  PAGE 513
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000544     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
```

```
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

  PAGE 514
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000545     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

  PAGE 515
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000546     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
```

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
17 .1000E+01 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
17 .1000E+01 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00
8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00
16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000547 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR
- -
- - - - - - -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
17 .1000E+01 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
17 .1000E+01 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00
8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00
16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000548 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

```
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
```


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                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000549     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR    HOUR   SCALAR    HOUR   SCALAR    HOUR   SCALAR    HOUR   SCALAR    HOUR   SCALAR    HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
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                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *
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```
 SOURCE ID = L0000550     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

  PAGE 520
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000551     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000552 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000553 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000554 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000555 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000556 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000557 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00

16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000558   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000559   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SUNDAY

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000560   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000561   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01

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   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00


                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000562     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00


                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000563     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
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8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000564   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000565   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00

```
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000566     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

  PAGE 536
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000567     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
```

```
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

  PAGE 537
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000568     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

  PAGE 538
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000569     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
```

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
17 .1000E+01 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
17 .1000E+01 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00
8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00
16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = UNIPM ; SOURCE TYPE = AREAPOLY :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR
- -
- - - - - - -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
17 .1000E+01 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
17 .1000E+01 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00
8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00
16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = PLAPM ; SOURCE TYPE = AREAPOLY :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

```
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = SEAPM        ; SOURCE TYPE = AREAPOLY :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
```



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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *
```

```
 SOURCE ID = BLPM         ; SOURCE TYPE = AREAPOLY :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

  PAGE 543
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000570     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

  PAGE 544
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000571 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000572 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000573 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000574 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000575 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000576 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00

16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000577   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000578   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SUNDAY

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                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000579     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                        DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                        DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
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                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000580     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                        DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
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   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00

                                        DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
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                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000581     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                        DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                        DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
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                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000582     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                        DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
```

8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000583   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000584   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00

```
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

  PAGE 558
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000585     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

  PAGE 559
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000586     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
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    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

  PAGE 560
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

                                     *** GRIDDED RECEPTOR NETWORK SUMMARY ***

                                *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                        *** X-COORDINATES OF GRID ***
                                                (METERS)

       559917.3,  559937.3,  559957.3,  559977.3,  559997.3,  560017.3,  560037.3,  560057.3,  560077.3,  560097.3,
       560117.3,  560137.3,  560157.3,  560177.3,  560197.3,  560217.3,  560237.3,  560257.3,  560277.3,  560297.3,
       560317.3,  560337.3,  560357.3,  560377.3,  560397.3,  560417.3,  560437.3,  560457.3,  560477.3,  560497.3,
       560517.3,  560537.3,  560557.3,  560577.3,  560597.3,  560617.3,  560637.3,  560657.3,  560677.3,  560697.3,
       560717.3,  560737.3,  560757.3,  560777.3,  560797.3,  560817.3,  560837.3,  560857.3,  560877.3,  560897.3,
       560917.3,  560937.3,  560957.3,  560977.3,  560997.3,  561017.3,  561037.3,  561057.3,  561077.3,  561097.3,
       561117.3,  561137.3,  561157.3,  561177.3,  561197.3,  561217.3,  561237.3,  561257.3,  561277.3,  561297.3,
       561317.3,  561337.3,  561357.3,  561377.3,  561397.3,

                                        *** Y-COORDINATES OF GRID ***
                                                (METERS)

      4190645.2, 4190665.2, 4190685.2, 4190705.2, 4190725.2, 4190745.2, 4190765.2, 4190785.2, 4190805.2, 4190825.2,
      4190845.2, 4190865.2, 4190885.2, 4190905.2, 4190925.2, 4190945.2, 4190965.2, 4190985.2, 4191005.2, 4191025.2,
      4191045.2, 4191065.2, 4191085.2, 4191105.2, 4191125.2, 4191145.2, 4191165.2, 4191185.2, 4191205.2, 4191225.2,
      4191245.2, 4191265.2, 4191285.2, 4191305.2, 4191325.2, 4191345.2, 4191365.2, 4191385.2, 4191405.2, 4191425.2,
      4191445.2, 4191465.2, 4191485.2, 4191505.2, 4191525.2, 4191545.2, 4191565.2, 4191585.2, 4191605.2, 4191625.2,

*** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

  PAGE 561
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

                                *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                          * ELEVATION HEIGHTS IN METERS *

    Y-COORD  |                                          X-COORD (METERS)
    (METERS) |     559917.30    559937.30    559957.30    559977.30    559997.30    560017.30    560037.30
560057.30    560077.30
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -
```

4191625.17	1.00	1.00	1.00	1.00	1.20	1.30	1.40
1.90	2.00						
4191605.17	1.00	1.00	1.00	1.00	1.00	1.00	1.10
1.50	1.80						
4191585.17	1.00	1.00	1.00	1.00	1.10	1.10	1.00
1.00	1.50						
4191565.17	1.00	1.00	1.00	1.20	2.10	2.10	1.60
1.10	1.50						
4191545.17	1.00	1.30	1.40	1.60	2.70	2.50	1.90
1.50	1.70						
4191525.17	1.10	1.80	2.00	2.10	2.80	2.50	2.00
2.00	2.00						
4191505.17	1.10	1.80	2.00	2.00	2.20	2.20	2.00
2.00	2.00						
4191485.17	1.10	1.80	2.00	2.00	2.00	2.00	1.90
1.40	1.20						
4191465.17	1.10	1.80	2.00	2.00	2.00	1.90	1.70
0.40	0.00						
4191445.17	1.00	1.20	1.30	1.30	1.30	1.00	0.50
0.10	0.00						
4191425.17	1.00	1.00	0.80	0.60	0.60	0.30	0.00
0.00	0.00						
4191405.17	1.00	1.00	0.50	0.00	0.00	0.00	0.00
0.00	0.00						
4191385.17	0.40	0.90	0.50	0.00	0.00	0.00	0.00
0.00	0.00						
4191365.17	0.10	0.80	0.50	0.00	0.00	0.00	0.00
0.00	0.00						
4191345.17	0.10	0.80	0.50	0.00	0.00	0.00	0.00
0.00	0.00						
4191325.17	0.10	0.80	0.50	0.00	0.00	0.00	0.00
0.00	0.00						
4191305.17	0.10	0.50	0.50	0.30	0.10	0.00	0.00
0.00	0.00						
4191285.17	0.00	0.00	0.40	0.80	0.20	0.00	0.00
0.00	0.00						
4191265.17	0.00	0.00	0.10	0.30	0.10	0.00	0.00
0.00	0.00						
4191245.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00						
4191225.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00						
4191205.17	0.00	0.00	0.00	0.10	0.60	0.70	0.60
0.10	0.00						
4191185.17	0.00	0.00	0.20	0.50	0.90	1.00	0.90
0.50	0.20						
4191165.17	0.00	0.00	0.40	1.00	1.00	1.00	1.00
1.00	0.50						
4191145.17	0.00	0.00	0.10	0.40	0.90	1.00	1.00
1.00	0.50						
4191125.17	0.00	0.00	0.00	0.10	0.80	1.00	1.00
1.00	0.50						
4191105.17	0.00	0.00	0.00	0.10	0.80	1.00	1.00
1.00	0.50						
4191085.17	0.60	0.10	0.00	0.10	0.80	1.00	1.00
1.00	0.50						
4191065.17	0.50	0.10	0.00	0.10	0.80	1.00	1.00
1.00	0.50						
4191045.17	0.00	0.00	0.00	0.10	0.80	1.00	1.00
1.00	0.60						
4191025.17	0.00	0.00	0.00	0.10	0.80	1.00	1.00
1.00	0.90						
4191005.17	0.00	0.00	0.00	0.10	0.80	1.00	1.00
1.30	1.20						
4190985.17	0.00	0.00	0.00	0.10	0.80	1.00	1.10
1.80	1.60						
4190965.17	0.00	0.00	0.00	0.10	0.80	1.00	1.10
1.80	1.90						
4190945.17	0.00	0.00	0.00	0.10	0.80	1.20	1.50

```
1.90         2.00
  4190925.17 |         0.00         0.00         0.00         0.10         0.80         1.50         2.00
2.00         2.00
  4190905.17 |         0.00         0.00         0.00         0.10         0.80         1.50         2.00
2.00         2.00
  4190885.17 |         0.00         0.00         0.00         0.10         0.50         1.30         2.00
2.00         2.00
  4190865.17 |         0.00         0.00         0.00         0.00         0.00         0.90         2.00
2.00         2.00
  4190845.17 |         0.00         0.00         0.00         0.00         0.00         0.90         2.00
2.00         2.00
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                     ***
  09:59:03

  PAGE 562
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

                                  *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                                * ELEVATION HEIGHTS IN METERS *

    Y-COORD  |                                              X-COORD (METERS)
    (METERS) |     559917.30    559937.30    559957.30    559977.30    559997.30    560017.30    560037.30
560057.30    560077.30
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

  4190825.17 |         0.00         0.00         0.00         0.00         0.30         1.00         1.70
1.90         2.00
  4190805.17 |         0.00         0.00         0.00         0.20         0.80         1.00         1.10
1.80         2.00
  4190785.17 |         0.10         0.60         0.70         0.70         0.40         0.30         0.50
1.70         2.00
  4190765.17 |         0.40         0.60         0.60         0.50         0.10         0.00         0.30
1.60         2.00
  4190745.17 |         0.80         0.20         0.00         0.00         0.00         0.00         0.30
1.60         2.00
  4190725.17 |         0.30         0.10         0.00         0.00         0.00         0.00         0.20
1.00         1.60
  4190705.17 |         0.00         0.00         0.00         0.00         0.00         0.00         0.10
0.50         1.30
  4190685.17 |         0.00         0.00         0.00         0.00         0.00         0.00         0.00
0.00         0.90
  4190665.17 |         0.00         0.00         0.00         0.00         0.00         0.00         0.00
0.00         0.90
  4190645.17 |         0.00         0.00         0.00         0.00         0.00         0.00         0.00
0.00         0.90
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                     ***
  09:59:03

  PAGE 563
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

                                  *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                                * ELEVATION HEIGHTS IN METERS *

    Y-COORD  |                                              X-COORD (METERS)
    (METERS) |     560097.30    560117.30    560137.30    560157.30    560177.30    560197.30    560217.30
560237.30    560257.30
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

  4191625.17 |         2.00         2.00         2.00         2.00         2.00         2.00         2.00
2.00         2.00
```

4191605.17	2.00	2.00	2.00	2.00	2.00	2.00	2.00
2.00	2.00						
4191585.17	2.00	2.00	2.00	2.00	2.00	2.00	2.00
2.00	2.00						
4191565.17	2.10	2.60	2.70	2.70	2.70	2.40	2.00
2.00	2.00						
4191545.17	2.10	2.50	2.80	3.00	3.00	2.50	2.00
2.00	2.00						
4191525.17	2.00	2.00	2.40	2.90	2.90	2.40	1.90
1.90	1.90						
4191505.17	2.00	2.00	1.80	1.60	1.60	1.10	0.60
0.60	0.90						
4191485.17	1.20	1.20	1.00	0.60	0.60	0.30	0.00
0.00	0.50						
4191465.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.40						
4191445.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.10						
4191425.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00						
4191405.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00						
4191385.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00						
4191365.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00						
4191345.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00						
4191325.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00						
4191305.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00						
4191285.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00						
4191265.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00						
4191245.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00						
4191225.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00						
4191205.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00						
4191185.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00						
4191165.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00						
4191145.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00						
4191125.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00						
4191105.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00						
4191085.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00						
4191065.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00						
4191045.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00						
4191025.17	0.60	0.10	0.00	0.00	0.00	0.00	0.00
0.00	0.00						
4191005.17	0.90	0.20	0.00	0.00	0.00	0.00	0.00
0.00	0.00						
4190985.17	0.90	0.20	0.00	0.00	0.00	0.00	0.00
0.10	0.10						
4190965.17	1.60	0.90	0.40	0.00	0.00	0.30	0.80
1.30	1.40						
4190945.17	1.90	1.50	1.10	0.80	0.80	1.00	1.50
1.90	2.00						
4190925.17	2.00	2.00	2.00	2.00	2.00	2.00	2.00

2.00 2.00

4190905.17	2.00	2.00	2.00	2.00	2.00	2.00	1.90	1.40	1.30
4190885.17	2.00	2.00	1.80	1.70	1.90	1.80	1.50	1.10	1.00
4190865.17	2.00	2.00	1.60	1.20	1.80	1.50	1.00	1.00	1.00
4190845.17	2.00	2.00	1.90	1.70	1.40	1.20	1.00	1.00	1.00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 560097.30	560117.30	560137.30	560157.30	560177.30	560197.30	560217.30	560237.30	560257.30
4190825.17	2.00	2.00	1.80	1.50	1.10	1.00	1.00	1.00	1.00
4190805.17	2.00	2.00	1.50	1.00	1.00	1.00	1.00	1.00	1.00
4190785.17	2.00	2.00	1.50	1.00	1.00	1.00	1.00	1.00	0.70
4190765.17	2.00	2.00	1.50	1.00	1.00	1.00	1.00	0.70	0.30
4190745.17	2.00	2.00	1.50	1.00	1.00	1.00	0.90	0.20	0.00
4190725.17	2.00	2.00	1.50	1.00	1.00	1.00	0.90	0.20	0.00
4190705.17	2.00	2.00	1.50	1.00	1.00	0.80	0.50	0.10	0.00
4190685.17	2.00	2.00	1.50	1.00	1.00	0.50	0.00	0.00	0.00
4190665.17	2.00	2.00	1.50	1.00	1.00	0.50	0.00	0.00	0.00
4190645.17	2.00	2.00	1.50	1.00	1.00	0.50	0.00	0.00	0.00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 560277.30	560297.30	560317.30	560337.30	560357.30	560377.30	560397.30	560417.30	560437.30
4191625.17	2.00	2.00	2.00	1.70	0.40	0.00	0.00	0.00	0.00
4191605.17	2.00	2.00	2.00	1.80	1.00	0.40	0.00	0.00	0.00

4191585.17	2.00	2.00	2.00	2.00	2.00	1.10	0.10	0.10
4191565.17	2.00	2.00	2.00	2.00	2.00	1.70	1.40	1.40
4191545.17	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
4191525.17	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
4191505.17	1.40	1.90	2.00	2.00	2.00	2.00	2.00	2.00
4191485.17	1.10	1.80	2.00	2.00	2.00	2.00	2.00	2.00
4191465.17	1.10	1.80	2.00	2.00	2.00	2.00	2.00	2.00
4191445.17	0.50	1.70	2.00	2.00	2.00	2.00	2.00	2.00
4191425.17	0.20	1.30	1.80	2.00	2.00	2.00	2.00	2.00
4191405.17	0.10	0.80	1.40	1.90	1.90	1.90	2.00	2.00
4191385.17	0.00	0.20	0.40	0.60	0.60	0.90	1.30	1.30
4191365.17	0.00	0.00	0.00	0.00	0.00	0.30	0.60	0.60
4191345.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4191325.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4191305.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4191285.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4191265.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4191245.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4191225.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4191205.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4191185.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4191165.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4191145.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4191125.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4191105.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4191085.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4191065.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4191045.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4191025.17	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.60
4191005.17	0.00	0.30	0.40	0.40	0.40	0.60	0.80	1.30
4190985.17	0.20	0.80	1.00	1.00	1.00	1.50	2.00	2.00
4190965.17	1.50	1.70	1.70	1.70	1.70	1.80	2.00	2.00
4190945.17	2.00	2.00	2.00	2.00	2.00	2.00	2.00	1.70
4190925.17	2.00	2.00	2.00	2.00	2.00	2.00	1.80	1.20
4190905.17	1.30	1.30	1.30	1.30	1.30	1.30	1.30	

1.10 1.00
4190885.17 | 1.00 1.00 1.00 1.00 1.00 1.00 1.00
1.00 1.00
4190865.17 | 1.00 1.00 1.00 1.00 1.00 1.00 1.00
1.00 1.00
4190845.17 | 1.00 1.00 1.00 1.00 1.00 1.00 1.00
1.00 1.00

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)						
	560277.30	560297.30	560317.30	560337.30	560357.30	560377.30	560397.30
560417.30	560437.30						
4190825.17	1.00	1.00	0.80	0.60	0.60	0.60	0.60
0.60	0.60						
4190805.17	1.00	1.00	0.50	0.00	0.00	0.00	0.00
0.00	0.00						
4190785.17	0.30	0.30	0.20	0.00	0.00	0.00	0.00
0.00	0.00						
4190765.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00						
4190745.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00						
4190725.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00						
4190705.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00						
4190685.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00						
4190665.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00						
4190645.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00						

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)						
	560457.30	560477.30	560497.30	560517.30	560537.30	560557.30	560577.30
560597.30	560617.30						
4191625.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00						
4191605.17	0.00	0.00	0.00	0.10	0.60	0.80	0.80
0.80	0.90						
4191585.17	0.10	0.10	0.10	0.30	1.60	2.00	2.00
2.00	2.50						

4191565.17 | 1.40 1.40 1.40 1.60 2.40 2.70 2.70
2.70 3.20
4191545.17 | 2.00 2.00 2.00 2.10 2.50 2.60 2.60
2.60 2.90
4191525.17 | 2.00 2.00 2.00 2.00 2.00 2.00 2.00
2.00 2.00
4191505.17 | 2.00 2.00 2.00 2.00 2.00 2.00 2.00
2.00 2.00
4191485.17 | 2.00 2.00 1.80 1.60 1.60 1.80 2.00
2.00 2.00
4191465.17 | 2.00 2.00 1.60 1.00 1.00 1.50 2.00
2.00 2.00
4191445.17 | 2.00 2.00 1.90 1.70 1.70 1.80 2.00
2.00 2.00
4191425.17 | 2.00 2.00 2.00 2.00 1.70 1.60 1.60
1.60 1.60
4191405.17 | 2.00 2.00 2.00 1.90 1.20 1.00 1.00
1.00 1.00
4191385.17 | 2.00 2.00 2.00 2.00 1.80 1.40 1.00
1.00 1.00
4191365.17 | 1.60 1.60 1.80 2.00 2.00 1.70 1.40
1.40 1.20
4191345.17 | 1.00 1.00 1.50 2.00 2.00 2.00 2.00
2.00 1.50
4191325.17 | 1.70 1.70 1.80 2.00 2.00 2.00 2.00
2.00 1.50
4191305.17 | 1.70 1.90 2.00 2.00 2.00 2.00 2.00
2.00 1.70
4191285.17 | 1.10 1.80 2.00 2.00 2.00 2.00 2.00
2.00 2.00
4191265.17 | 0.50 1.70 2.00 2.00 2.00 2.00 2.00
2.00 2.00
4191245.17 | 0.20 1.30 1.80 2.00 2.00 2.00 2.00
2.00 2.00
4191225.17 | 0.10 0.80 1.40 2.00 2.00 2.00 2.00
2.00 2.00
4191205.17 | 0.00 0.20 1.10 2.00 2.00 2.00 2.00
2.00 2.00
4191185.17 | 0.00 0.00 0.90 2.00 2.00 2.00 2.00
2.00 2.00
4191165.17 | 0.00 0.00 0.90 1.90 2.00 2.00 2.00
2.00 2.00
4191145.17 | 0.00 0.00 0.30 0.80 1.70 2.00 2.00
2.00 2.00
4191125.17 | 0.00 0.00 0.00 0.20 1.30 2.00 2.40
2.40 2.70
4191105.17 | 0.00 0.00 0.00 0.10 0.80 1.90 2.90
2.90 3.80
4191085.17 | 0.00 0.00 0.00 0.00 0.20 0.90 1.60
1.60 1.80
4191065.17 | 0.00 0.30 0.40 0.40 0.40 0.70 1.00
1.30 1.40
4191045.17 | 0.20 0.80 1.00 1.00 1.00 1.00 1.20
1.80 1.90
4191025.17 | 0.70 0.90 1.30 1.70 1.70 1.70 1.70
1.40 1.00
4191005.17 | 1.40 1.40 1.70 2.00 1.70 1.60 1.50
0.80 0.30
4190985.17 | 2.00 2.00 2.00 1.90 1.20 1.00 0.90
0.20 0.00
4190965.17 | 2.00 2.00 2.00 1.90 1.20 1.00 0.90
0.20 0.00
4190945.17 | 1.60 1.60 1.60 1.50 1.10 1.00 0.90
0.20 0.00
4190925.17 | 1.00 1.00 1.00 1.00 1.00 1.00 0.90
0.20 0.00
4190905.17 | 1.00 1.00 1.00 1.00 1.00 1.00 0.90
0.20 0.00
4190885.17 | 1.00 1.00 1.00 1.00 1.00 1.00 0.90

0.20 0.00
4190865.17 | 1.00 1.00 1.00 1.00 1.00 1.00 0.80
0.20 0.00
4190845.17 | 0.90 0.40 0.30 0.30 0.30 0.30 0.30
0.10 0.00

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)						
	560457.30	560477.30	560497.30	560517.30	560537.30	560557.30	560577.30
560597.30	560617.30						
4190825.17	0.50	0.10	0.00	0.00	0.00	0.00	0.00
0.00	0.00						
4190805.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00						
4190785.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00						
4190765.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00						
4190745.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00						
4190725.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00						
4190705.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00						
4190685.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00						
4190665.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00						
4190645.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00						

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)						
	560637.30	560657.30	560677.30	560697.30	560717.30	560737.30	560757.30
560777.30	560797.30						
4191625.17	0.00	0.00	0.00	0.20	1.10	1.40	1.40
1.40	1.70						
4191605.17	1.10	1.10	1.10	1.30	2.40	2.80	2.70
2.50	2.40						
4191585.17	3.00	3.00	3.00	3.20	3.80	4.00	3.90
3.20	3.00						
4191565.17	3.70	3.70	3.70	3.70	3.40	3.60	4.00
3.80	3.70						

4191545.17	3.20	3.20	3.10	2.80	2.70	2.90	3.30
3.80	4.00						
4191525.17	2.00	2.00	1.50	1.10	1.80	2.00	2.20
3.50	4.00						
4191505.17	2.00	2.00	1.50	1.00	1.20	1.60	2.10
2.50	3.20						
4191485.17	2.00	2.00	1.70	1.30	1.10	1.30	1.70
1.90	2.60						
4191465.17	2.00	2.00	2.00	1.80	1.20	1.00	1.10
1.80	2.00						
4191445.17	2.00	2.00	1.70	1.30	1.60	1.40	1.00
1.20	1.60						
4191425.17	1.60	1.60	1.30	1.10	1.80	1.70	1.30
1.10	1.50						
4191405.17	1.00	1.00	1.00	1.10	1.80	2.00	1.90
1.20	1.50						
4191385.17	1.00	1.00	1.00	1.10	1.80	2.00	2.00
1.80	2.50						
4191365.17	1.00	1.00	1.20	1.50	1.90	2.00	2.00
2.00	2.80						
4191345.17	1.00	1.00	1.50	2.00	2.00	2.00	2.00
2.00	2.50						
4191325.17	1.00	1.00	1.50	2.00	2.00	2.00	2.10
2.60	2.80						
4191305.17	1.40	1.40	1.70	2.00	2.00	2.00	2.10
2.80	3.00						
4191285.17	2.00	2.00	2.00	2.00	2.00	2.00	2.20
2.80	3.00						
4191265.17	2.00	2.00	2.00	2.00	2.00	2.30	2.70
2.90	3.00						
4191245.17	2.00	2.00	2.00	2.00	2.00	2.50	3.00
3.00	3.00						
4191225.17	2.00	2.00	2.00	2.00	2.00	2.40	3.00
3.00	3.00						
4191205.17	2.00	2.00	2.00	2.00	2.00	2.10	2.40
2.90	3.00						
4191185.17	2.00	2.00	2.00	2.00	2.00	2.20	2.50
2.90	2.80						
4191165.17	2.00	2.00	2.00	2.00	2.00	2.50	3.00
3.00	2.50						
4191145.17	2.00	2.00	2.00	2.10	2.60	2.80	2.90
2.40	2.20						
4191125.17	3.10	2.80	2.60	2.50	2.90	2.80	2.50
2.10	2.00						
4191105.17	4.70	4.10	3.50	3.00	3.00	2.50	2.00
2.00	2.00						
4191085.17	2.20	2.50	2.40	2.30	2.30	2.20	2.00
2.00	2.00						
4191065.17	1.50	1.90	2.00	2.00	1.70	1.40	1.20
1.20	1.20						
4191045.17	1.90	1.90	1.90	1.80	1.20	0.50	0.00
0.00	0.00						
4191025.17	0.60	0.60	0.60	0.50	0.30	0.20	0.00
0.00	0.00						
4191005.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00						
4190985.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00						
4190965.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00						
4190945.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00						
4190925.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00						
4190905.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00						
4190885.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00						
4190865.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00

0.00 0.00
4190845.17 | 0.00 0.00 0.00 0.00 0.00 0.00 0.00
0.00 0.00

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)						
	560637.30	560657.30	560677.30	560697.30	560717.30	560737.30	560757.30
560777.30	560797.30						
4190825.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00						
4190805.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00						
4190785.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00						
4190765.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00						
4190745.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00						
4190725.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00						
4190705.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00						
4190685.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00						
4190665.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00						
4190645.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00						

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)						
	560817.30	560837.30	560857.30	560877.30	560897.30	560917.30	560937.30
560957.30	560977.30						
4191625.17	2.00	2.00	2.00	2.00	2.00	2.00	2.00
2.00	2.00						
4191605.17	2.40	2.40	2.20	2.00	2.00	2.00	2.00
2.00	2.00						
4191585.17	3.00	3.00	2.60	2.00	2.00	2.00	2.00
2.00	2.00						
4191565.17	3.60	3.10	2.90	2.70	2.70	2.70	2.60
2.10	2.00						
4191545.17	3.90	3.20	3.00	3.00	3.00	3.00	2.90
2.50	2.40						

4191525.17	3.90	3.20	3.00	3.00	3.00	3.00	3.00
3.00	3.00						
4191505.17	3.90	3.20	2.70	2.40	2.90	3.00	3.00
3.00	3.00						
4191485.17	3.20	2.80	2.50	2.40	2.60	2.80	3.00
2.70	2.60						
4191465.17	2.00	2.00	2.40	2.80	2.20	2.40	2.80
2.20	2.00						
4191445.17	2.00	2.00	2.10	2.30	2.10	2.10	2.30
2.60	2.70						
4191425.17	2.00	2.30	2.20	2.00	2.30	2.40	2.50
2.90	3.00						
4191405.17	2.20	2.80	2.60	2.20	2.80	3.00	3.00
3.00	3.00						
4191385.17	3.50	3.70	3.20	2.70	2.90	3.00	3.00
3.00	3.00						
4191365.17	3.70	3.90	3.50	3.00	3.00	3.00	3.00
3.00	3.00						
4191345.17	3.10	3.80	3.50	3.00	3.00	3.00	3.00
3.00	3.00						
4191325.17	3.10	3.80	3.50	3.00	3.00	3.00	3.00
3.00	3.00						
4191305.17	3.10	3.80	3.50	3.00	3.00	3.00	3.00
3.00	3.00						
4191285.17	3.10	3.80	3.60	3.00	3.00	3.00	3.00
3.00	3.00						
4191265.17	3.10	3.80	3.90	3.60	3.10	3.00	3.00
3.00	3.00						
4191245.17	3.10	3.80	3.80	3.50	3.10	3.00	3.00
3.00	3.00						
4191225.17	3.10	3.70	3.50	3.00	3.00	3.00	3.00
3.00	3.00						
4191205.17	2.90	2.70	2.80	3.00	3.00	3.00	2.90
2.40	2.60						
4191185.17	2.50	2.10	2.30	2.60	2.60	2.80	2.90
2.50	2.50						
4191165.17	2.00	2.00	2.00	2.00	2.00	2.40	3.00
3.00	2.50						
4191145.17	2.00	2.00	2.00	2.00	2.00	2.10	2.30
2.30	1.50						
4191125.17	2.00	2.00	2.00	2.00	2.00	1.80	1.60
1.30	0.70						
4191105.17	2.00	2.00	2.00	2.00	1.90	1.50	0.80
0.20	0.00						
4191085.17	1.90	1.40	1.30	1.20	0.70	0.40	0.30
0.10	0.00						
4191065.17	1.20	0.80	0.60	0.50	0.10	0.00	0.00
0.30	0.40						
4191045.17	0.00	0.00	0.00	0.00	0.00	0.00	0.20
0.80	1.00						
4191025.17	0.00	0.00	0.00	0.00	0.00	0.30	0.80
1.50	1.40						
4191005.17	0.00	0.00	0.00	0.00	0.00	0.50	1.10
1.80	1.70						
4190985.17	0.00	0.00	0.00	0.00	0.00	0.40	1.10
1.80	2.00						
4190965.17	0.00	0.00	0.00	0.00	0.00	0.10	0.50
1.70	2.00						
4190945.17	0.00	0.00	0.00	0.00	0.00	0.00	0.30
1.60	2.00						
4190925.17	0.00	0.00	0.00	0.00	0.00	0.00	0.30
1.60	2.00						
4190905.17	0.00	0.00	0.00	0.00	0.00	0.00	0.30
1.60	2.00						
4190885.17	0.00	0.00	0.00	0.00	0.00	0.00	0.20
1.30	1.80						
4190865.17	0.00	0.00	0.00	0.00	0.00	0.00	0.10
0.80	1.40						
4190845.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)						
	560817.30	560837.30	560857.30	560877.30	560897.30	560917.30	560937.30
560957.30	560977.30						
4190825.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.90						
4190805.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.90						
4190785.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.90						
4190765.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.80						
4190745.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.40						
4190725.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.10						
4190705.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00						
4190685.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00						
4190665.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00						
4190645.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00						

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)						
	560997.30	561017.30	561037.30	561057.30	561077.30	561097.30	561117.30
561137.30	561157.30						
4191625.17	2.00	2.20	2.50	2.70	2.90	3.00	3.00
3.00	3.00						
4191605.17	2.00	2.30	2.50	2.70	2.90	3.00	3.00
3.00	3.00						
4191585.17	2.10	2.80	2.50	2.10	2.80	3.00	3.00
3.00	3.00						
4191565.17	2.10	2.80	2.50	2.00	2.20	2.60	3.00
3.00	3.00						
4191545.17	2.40	2.60	2.30	2.00	2.00	2.50	3.00
3.00	3.00						
4191525.17	2.90	2.20	2.00	2.00	2.00	2.50	3.00
3.00	3.00						

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  4191505.17 |         3.00         2.80         2.40         2.10         2.60         2.80         3.00
3.00         3.00
  4191485.17 |         2.70         2.90         2.70         2.40         2.60         2.80         3.00
3.00         3.00
  4191465.17 |         2.20         2.80         3.00         2.90         2.20         2.50         3.00
3.00         3.00
  4191445.17 |         2.70         2.90         3.00         3.00         2.80         2.80         3.00
3.00         3.00
  4191425.17 |         3.00         3.00         3.00         3.00         3.00         3.00         3.00
3.30         3.40
  4191405.17 |         3.00         3.00         3.00         3.00         3.00         3.00         3.10
3.80         4.00
  4191385.17 |         3.00         3.00         3.00         3.00         3.00         3.00         3.00
3.20         3.30
  4191365.17 |         3.00         3.00         3.00         3.00         3.00         3.20         3.40
3.40         3.40
  4191345.17 |         3.00         3.00         3.00         3.00         3.00         3.50         4.00
4.00         4.00
  4191325.17 |         3.00         3.00         3.00         3.10         3.60         3.80         4.00
4.00         4.00
  4191305.17 |         3.00         3.00         3.20         3.50         3.90         4.20         4.40
4.40         4.00
  4191285.17 |         3.00         3.00         3.50         4.00         4.00         4.50         5.00
5.00         4.20
  4191265.17 |         3.00         3.00         3.50         4.00         4.00         4.50         5.10
5.60         5.80
  4191245.17 |         3.00         3.00         3.50         4.00         4.00         4.50         5.10
5.50         6.10
  4191225.17 |         3.00         3.00         3.40         4.00         4.00         4.50         5.00
5.00         5.40
  4191205.17 |         3.00         3.00         3.10         3.40         3.90         4.50         5.00
5.00         4.80
  4191185.17 |         2.60         2.60         2.80         3.10         3.80         4.30         4.60
4.60         4.30
  4191165.17 |         1.90         2.00         2.40         3.10         3.80         4.00         4.00
4.00         4.00
  4191145.17 |         0.80         1.70         2.10         2.40         3.10         3.60         4.00
4.00         4.00
  4191125.17 |         0.20         1.30         2.00         2.50         2.90         3.30         3.60
3.60         3.60
  4191105.17 |         0.10         0.80         1.90         3.00         3.00         3.00         3.00
3.00         3.00
  4191085.17 |         0.10         0.80         1.90         3.00         3.00         3.00         3.00
3.00         3.00
  4191065.17 |         0.50         0.90         1.60         2.40         3.10         3.20         3.00
3.00         3.00
  4191045.17 |         1.00         1.10         1.00         1.40         3.30         3.50         3.00
3.00         3.00
  4191025.17 |         1.20         2.10         1.80         1.10         1.70         2.70         3.60
3.10         3.00
  4191005.17 |         1.50         2.40         2.00         1.40         1.40         2.40         3.50
3.10         3.00
  4190985.17 |         2.00         2.00         2.00         2.00         2.00         2.50         3.00
3.00         3.00
  4190965.17 |         2.00         2.00         2.30         2.70         2.70         2.50         2.30
2.30         2.60
  4190945.17 |         2.00         2.30         2.70         3.00         2.70         2.30         2.00
2.00         2.30
  4190925.17 |         2.10         2.80         3.00         2.80         2.20         2.00         2.00
2.00         2.00
  4190905.17 |         2.10         2.80         2.70         2.20         1.50         1.60         2.00
2.00         2.00
  4190885.17 |         2.10         2.50         2.20         1.50         1.10         1.50         2.00
2.00         2.00
  4190865.17 |         2.00         2.00         1.50         1.00         1.00         1.40         2.00
1.90         1.90
  4190845.17 |         1.90         1.40         1.20         1.00         1.00         1.10         1.20
0.70         0.60
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*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)						
	560997.30	561017.30	561037.30	561057.30	561077.30	561097.30	561117.30
561137.30	561157.30						
4190825.17	1.90	1.20	0.80	0.60	0.60	0.60	0.50
0.10	0.00						
4190805.17	1.90	1.20	0.50	0.00	0.00	0.00	0.00
0.00	0.00						
4190785.17	1.90	1.20	0.50	0.00	0.00	0.00	0.00
0.00	0.00						
4190765.17	1.50	1.10	0.50	0.00	0.00	0.00	0.00
0.00	0.00						
4190745.17	1.00	1.00	0.60	0.00	0.00	0.00	0.00
0.00	0.00						
4190725.17	0.50	1.40	1.20	0.60	0.10	0.00	0.00
0.00	0.00						
4190705.17	0.30	1.60	1.50	0.90	0.20	0.00	0.00
0.00	0.00						
4190685.17	0.30	1.60	1.50	0.90	0.30	0.00	0.00
0.00	0.00						
4190665.17	0.30	1.60	1.50	1.10	1.30	0.80	0.00
0.00	0.00						
4190645.17	0.20	1.30	1.30	1.20	2.10	1.30	0.00
0.00	0.00						

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)						
	561177.30	561197.30	561217.30	561237.30	561257.30	561277.30	561297.30
561317.30	561337.30						
4191625.17	3.00	3.00	3.00	3.00	3.00	3.00	3.00
3.00	3.50						
4191605.17	3.00	3.00	3.00	3.00	3.00	3.00	3.00
3.00	3.50						
4191585.17	3.00	3.00	3.00	3.00	3.00	3.00	3.00
3.00	3.50						
4191565.17	3.00	3.00	3.00	3.00	3.00	3.00	3.00
3.00	3.50						
4191545.17	3.00	3.00	3.00	3.00	3.00	3.00	3.00
3.00	3.50						
4191525.17	3.00	3.00	3.00	3.00	3.00	3.00	3.00
3.00	3.50						
4191505.17	3.00	3.00	3.00	3.00	3.00	3.00	3.00
3.00	3.50						

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  4191485.17 |         3.00         3.00         2.80         2.70         2.90         3.00         3.00
3.30         3.50
  4191465.17 |         3.00         3.00         2.60         2.20         2.80         3.10         3.20
3.80         3.50
  4191445.17 |         3.00         3.00         3.20         3.50         3.70         4.00         4.30
3.50         3.20
  4191425.17 |         3.40         3.70         3.90         4.00         4.30         4.70         4.80
3.70         3.40
  4191405.17 |         4.10         4.70         4.50         4.20         4.70         4.90         4.80
4.20         4.00
  4191385.17 |         3.30         3.50         4.10         4.60         3.80         3.60         3.50
3.30         3.30
  4191365.17 |         3.40         3.40         3.80         4.10         3.30         3.00         3.00
3.00         3.00
  4191345.17 |         4.00         4.00         3.50         3.00         3.00         3.00         3.00
3.00         3.00
  4191325.17 |         4.00         4.00         3.50         3.00         3.00         3.00         3.00
3.00         3.00
  4191305.17 |         3.60         3.60         3.50         3.30         3.10         3.00         3.00
3.00         3.00
  4191285.17 |         3.20         3.10         3.50         3.80         3.30         3.00         3.00
3.00         3.00
  4191265.17 |         5.70         5.30         4.30         3.40         4.20         3.80         3.10
3.60         3.40
  4191245.17 |         6.50         6.10         4.80         3.60         5.00         4.80         4.20
4.30         3.70
  4191225.17 |         5.90         5.90         5.00         4.30         5.60         6.00         5.90
5.20         4.10
  4191205.17 |         4.60         4.60         4.60         4.80         5.20         5.90         6.60
5.90         4.50
  4191185.17 |         4.00         4.00         4.30         4.70         5.20         6.00         6.50
6.10         4.60
  4191165.17 |         4.00         4.00         4.00         4.30         5.60         6.00         5.90
5.90         4.60
  4191145.17 |         3.90         3.40         3.60         4.30         5.60         5.30         4.70
5.10         4.20
  4191125.17 |         3.50         3.10         3.50         4.10         4.70         4.30         3.70
4.10         3.70
  4191105.17 |         3.00         3.00         3.40         3.80         3.20         3.00         3.00
3.00         3.00
  4191085.17 |         3.00         3.00         3.10         3.30         3.10         3.00         2.90
2.40         2.60
  4191065.17 |         3.00         3.00         3.00         3.00         3.00         3.00         2.90
2.20         2.30
  4191045.17 |         3.00         3.00         3.00         3.00         3.00         3.00         2.80
2.20         2.00
  4191025.17 |         3.00         3.00         3.00         3.00         3.00         2.70         2.30
2.10         2.00
  4191005.17 |         3.00         3.00         2.80         2.60         2.60         2.30         2.00
2.00         2.00
  4190985.17 |         3.00         3.00         2.50         2.00         2.00         2.00         2.00
2.00         2.00
  4190965.17 |         2.90         2.40         2.20         2.00         2.00         2.00         2.00
2.00         2.00
  4190945.17 |         2.50         2.10         1.80         1.70         1.90         2.00         2.00
2.00         2.00
  4190925.17 |         2.00         2.00         1.60         1.20         1.80         2.00         2.00
2.00         2.00
  4190905.17 |         2.00         2.00         2.20         2.40         2.10         2.00         2.00
2.00         2.00
  4190885.17 |         2.00         2.00         2.10         2.20         2.10         2.00         2.00
2.00         2.00
  4190865.17 |         1.90         1.90         1.50         1.20         1.80         2.00         2.10
2.00         2.00
  4190845.17 |         0.60         0.60         1.10         1.70         1.90         2.70         3.10
1.70         1.60
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
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*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)							
	561177.30	561197.30	561217.30	561237.30	561257.30	561277.30	561297.30	561317.30	561337.30
4190825.17	0.00	0.00	0.60	1.30	1.80	2.60	3.10	2.40	2.10
4190805.17	0.00	0.00	0.00	0.30	1.60	2.00	2.20	3.50	3.10
4190785.17	0.00	0.00	0.00	0.30	1.60	2.00	2.00	1.90	2.90
4190765.17	0.00	0.00	0.00	0.20	1.30	1.80	1.90	1.20	2.30
4190745.17	0.00	0.00	0.00	0.10	0.80	1.40	1.90	1.30	1.60
4190725.17	0.00	0.00	0.00	0.00	0.20	1.10	2.10	2.90	3.30
4190705.17	0.00	0.00	0.00	0.00	0.00	0.60	1.50	2.80	3.60
4190685.17	0.00	0.00	0.00	0.00	0.00	0.00	0.30	1.60	2.90
4190665.17	0.00	0.00	0.00	0.00	0.00	0.00	0.20	1.00	1.90
4190645.17	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.50	1.30

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)		
	561357.30	561377.30	561397.30
4191625.17	4.00	4.00	4.00
4191605.17	4.00	4.00	4.00
4191585.17	4.00	4.00	4.00
4191565.17	4.00	4.00	4.00
4191545.17	4.00	4.00	4.00
4191525.17	4.00	4.00	4.00
4191505.17	4.00	4.00	4.00
4191485.17	3.70	3.90	4.00
4191465.17	3.10	3.80	4.00
4191445.17	3.10	3.80	4.00
4191425.17	3.50	3.90	4.00
4191405.17	4.00	4.00	4.00
4191385.17	3.30	3.30	3.60
4191365.17	3.00	3.00	3.50
4191345.17	3.00	3.00	3.50
4191325.17	3.00	3.00	3.50
4191305.17	3.00	3.00	3.30

4191285.17	3.00	3.00	3.00
4191265.17	3.00	3.00	3.00
4191245.17	3.00	3.00	3.20
4191225.17	3.00	3.00	3.50
4191205.17	3.00	3.00	3.50
4191185.17	3.00	2.70	3.10
4191165.17	2.90	2.20	2.40
4191145.17	2.80	1.60	1.80
4191125.17	2.70	1.40	1.50
4191105.17	2.70	1.40	1.40
4191085.17	2.70	1.40	1.10
4191065.17	2.40	1.30	1.00
4191045.17	1.90	1.20	1.00
4191025.17	1.90	1.20	1.00
4191005.17	1.90	1.20	1.00
4190985.17	1.90	1.20	1.00
4190965.17	1.90	1.20	1.00
4190945.17	1.90	1.20	1.00
4190925.17	1.90	1.20	1.00
4190905.17	2.00	1.80	1.40
4190885.17	2.00	2.00	1.50
4190865.17	2.00	2.00	1.50
4190845.17	2.00	2.00	1.50

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 561357.30	561377.30	561397.30
4190825.17	2.00	2.00	1.50
4190805.17	2.10	2.10	1.60
4190785.17	3.90	3.00	2.20
4190765.17	3.80	3.50	2.70
4190745.17	2.30	3.50	3.00
4190725.17	3.30	2.80	2.60
4190705.17	3.80	2.70	2.50
4190685.17	3.80	3.20	2.60
4190665.17	2.70	3.50	3.20
4190645.17	2.20	3.00	3.10

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 559917.30	559937.30	559957.30	559977.30	559997.30	560017.30	560037.30	560057.30	560077.30
4191625.17	1.00	1.00	1.00	1.00	1.20	1.30	1.40		

1.90 2.00
4191605.17 | 1.00 1.00 1.00 1.00 1.00 1.00 1.10
1.50 1.80
4191585.17 | 1.00 1.00 1.00 1.00 1.10 1.10 1.00
1.00 1.50
4191565.17 | 1.00 1.00 1.00 1.20 2.10 2.10 1.60
1.10 1.50
4191545.17 | 1.00 1.30 1.40 1.60 2.70 2.50 1.90
1.50 1.70
4191525.17 | 1.10 1.80 2.00 2.10 2.80 2.50 2.00
2.00 2.00
4191505.17 | 1.10 1.80 2.00 2.00 2.20 2.20 2.00
2.00 2.00
4191485.17 | 1.10 1.80 2.00 2.00 2.00 2.00 1.90
1.40 1.20
4191465.17 | 1.10 1.80 2.00 2.00 2.00 1.90 1.70
0.40 0.00
4191445.17 | 1.00 1.20 1.30 1.30 1.30 1.00 0.50
0.10 0.00
4191425.17 | 1.00 1.00 0.80 0.60 0.60 0.30 0.00
0.00 0.00
4191405.17 | 1.00 1.00 0.50 0.00 0.00 0.00 0.00
0.00 0.00
4191385.17 | 0.40 0.90 0.50 0.00 0.00 0.00 0.00
0.00 0.00
4191365.17 | 0.10 0.80 0.50 0.00 0.00 0.00 0.00
0.00 0.00
4191345.17 | 0.10 0.80 0.50 0.00 0.00 0.00 0.00
0.00 0.00
4191325.17 | 0.10 0.80 0.50 0.00 0.00 0.00 0.00
0.00 0.00
4191305.17 | 0.10 0.50 0.50 0.30 0.10 0.00 0.00
0.00 0.00
4191285.17 | 0.00 0.00 0.40 0.80 0.20 0.00 0.00
0.00 0.00
4191265.17 | 0.00 0.00 0.10 0.30 0.10 0.00 0.00
0.00 0.00
4191245.17 | 0.00 0.00 0.00 0.00 0.00 0.00 0.00
0.00 0.00
4191225.17 | 0.00 0.00 0.00 0.00 0.00 0.00 0.00
0.00 0.00
4191205.17 | 0.00 0.00 0.00 0.10 0.60 0.70 0.60
0.10 0.00
4191185.17 | 0.00 0.00 0.20 0.50 0.90 1.00 0.90
0.50 0.20
4191165.17 | 0.00 0.00 0.40 1.00 1.00 1.00 1.00
1.00 0.50
4191145.17 | 0.00 0.00 0.10 0.40 0.90 1.00 1.00
1.00 0.50
4191125.17 | 0.00 0.00 0.00 0.10 0.80 1.00 1.00
1.00 0.50
4191105.17 | 0.00 0.00 0.00 0.10 0.80 1.00 1.00
1.00 0.50
4191085.17 | 0.60 0.10 0.00 0.10 0.80 1.00 1.00
1.00 0.50
4191065.17 | 0.50 0.10 0.00 0.10 0.80 1.00 1.00
1.00 0.50
4191045.17 | 0.00 0.00 0.00 0.10 0.80 1.00 1.00
1.00 0.60
4191025.17 | 0.00 0.00 0.00 0.10 0.80 1.00 1.00
1.00 0.90
4191005.17 | 0.00 0.00 0.00 0.10 0.80 1.00 1.00
1.30 1.20
4190985.17 | 0.00 0.00 0.00 0.10 0.80 1.00 1.10
1.80 1.60
4190965.17 | 0.00 0.00 0.00 0.10 0.80 1.00 1.10
1.80 1.90
4190945.17 | 0.00 0.00 0.00 0.10 0.80 1.20 1.50
1.90 2.00

```
  4190925.17 |          0.00         0.00         0.00         0.10         0.80         1.50         2.00
2.00         2.00
  4190905.17 |          0.00         0.00         0.00         0.10         0.80         1.50         2.00
2.00         2.00
  4190885.17 |          0.00         0.00         0.00         0.10         0.50         1.30         2.00
2.00         2.00
  4190865.17 |          0.00         0.00         0.00         0.00         0.00         0.90         2.00
2.00         2.00
  4190845.17 |          0.00         0.00         0.00         0.00         0.00         0.90         2.00
2.00         2.00
```



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                                *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                          * HILL HEIGHT SCALES IN METERS *

    Y-COORD  |                                          X-COORD (METERS)
    (METERS) |     559917.30    559937.30    559957.30    559977.30    559997.30    560017.30    560037.30
560057.30    560077.30
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -

  4190825.17 |          0.00         0.00         0.00         0.00         0.30         1.00         1.70
1.90         2.00
  4190805.17 |          0.00         0.00         0.00         0.20         0.80         1.00         1.10
1.80         2.00
  4190785.17 |          0.10         0.60         0.70         0.70         0.40         0.30         0.50
1.70         2.00
  4190765.17 |          0.40         0.60         0.60         0.50         0.10         0.00         0.30
1.60         2.00
  4190745.17 |          0.80         0.20         0.00         0.00         0.00         0.00         0.30
1.60         2.00
  4190725.17 |          0.30         0.10         0.00         0.00         0.00         0.00         0.20
1.00         1.60
  4190705.17 |          0.00         0.00         0.00         0.00         0.00         0.00         0.10
0.50         1.30
  4190685.17 |          0.00         0.00         0.00         0.00         0.00         0.00         0.00
0.00         0.90
  4190665.17 |          0.00         0.00         0.00         0.00         0.00         0.00         0.00
0.00         0.90
  4190645.17 |          0.00         0.00         0.00         0.00         0.00         0.00         0.00
0.00         0.90
```



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                                *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                          * HILL HEIGHT SCALES IN METERS *

    Y-COORD  |                                          X-COORD (METERS)
    (METERS) |     560097.30    560117.30    560137.30    560157.30    560177.30    560197.30    560217.30
560237.30    560257.30
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -

  4191625.17 |          2.00         2.00         2.00         2.00         2.00         2.00         2.00
2.00         2.00
  4191605.17 |          2.00         2.00         2.00         2.00         2.00         2.00         2.00
```

2.00 2.00
4191585.17 | 2.00 2.00 2.00 2.00 2.00 2.00 2.00
2.00 2.00
4191565.17 | 2.10 2.60 2.70 2.70 2.70 2.40 2.00
2.00 2.00
4191545.17 | 2.10 2.50 2.80 3.00 3.00 2.50 2.00
2.00 2.00
4191525.17 | 2.00 2.00 2.40 2.90 2.90 2.40 1.90
1.90 1.90
4191505.17 | 2.00 2.00 1.80 1.60 1.60 1.10 0.60
0.60 0.90
4191485.17 | 1.20 1.20 1.00 0.60 0.60 0.30 0.00
0.00 0.50
4191465.17 | 0.00 0.00 0.00 0.00 0.00 0.00 0.00
0.00 0.40
4191445.17 | 0.00 0.00 0.00 0.00 0.00 0.00 0.00
0.00 0.10
4191425.17 | 0.00 0.00 0.00 0.00 0.00 0.00 0.00
0.00 0.00
4191405.17 | 0.00 0.00 0.00 0.00 0.00 0.00 0.00
0.00 0.00
4191385.17 | 0.00 0.00 0.00 0.00 0.00 0.00 0.00
0.00 0.00
4191365.17 | 0.00 0.00 0.00 0.00 0.00 0.00 0.00
0.00 0.00
4191345.17 | 0.00 0.00 0.00 0.00 0.00 0.00 0.00
0.00 0.00
4191325.17 | 0.00 0.00 0.00 0.00 0.00 0.00 0.00
0.00 0.00
4191305.17 | 0.00 0.00 0.00 0.00 0.00 0.00 0.00
0.00 0.00
4191285.17 | 0.00 0.00 0.00 0.00 0.00 0.00 0.00
0.00 0.00
4191265.17 | 0.00 0.00 0.00 0.00 0.00 0.00 0.00
0.00 0.00
4191245.17 | 0.00 0.00 0.00 0.00 0.00 0.00 0.00
0.00 0.00
4191225.17 | 0.00 0.00 0.00 0.00 0.00 0.00 0.00
0.00 0.00
4191205.17 | 0.00 0.00 0.00 0.00 0.00 0.00 0.00
0.00 0.00
4191185.17 | 0.00 0.00 0.00 0.00 0.00 0.00 0.00
0.00 0.00
4191165.17 | 0.00 0.00 0.00 0.00 0.00 0.00 0.00
0.00 0.00
4191145.17 | 0.00 0.00 0.00 0.00 0.00 0.00 0.00
0.00 0.00
4191125.17 | 0.00 0.00 0.00 0.00 0.00 0.00 0.00
0.00 0.00
4191105.17 | 0.00 0.00 0.00 0.00 0.00 0.00 0.00
0.00 0.00
4191085.17 | 0.00 0.00 0.00 0.00 0.00 0.00 0.00
0.00 0.00
4191065.17 | 0.00 0.00 0.00 0.00 0.00 0.00 0.00
0.00 0.00
4191045.17 | 0.00 0.00 0.00 0.00 0.00 0.00 0.00
0.00 0.00
4191025.17 | 0.60 0.10 0.00 0.00 0.00 0.00 0.00
0.00 0.00
4191005.17 | 0.90 0.20 0.00 0.00 0.00 0.00 0.00
0.00 0.00
4190985.17 | 0.90 0.20 0.00 0.00 0.00 0.00 0.00
0.10 0.10
4190965.17 | 1.60 0.90 0.40 0.00 0.00 0.30 0.80
1.30 1.40
4190945.17 | 1.90 1.50 1.10 0.80 0.80 1.00 1.50
1.90 2.00
4190925.17 | 2.00 2.00 2.00 2.00 2.00 2.00 2.00
2.00 2.00

```
  4190905.17 |          2.00         2.00         2.00         2.00         2.00         2.00         1.90
1.40         1.30
  4190885.17 |          2.00         2.00         1.80         1.70         1.90         1.80         1.50
1.10         1.00
  4190865.17 |          2.00         2.00         1.60         1.20         1.80         1.50         1.00
1.00         1.00
  4190845.17 |          2.00         2.00         1.90         1.70         1.40         1.20         1.00
1.00         1.00
```


*** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

```
   Y-COORD  |                                        X-COORD (METERS)
   (METERS) |     560097.30    560117.30    560137.30    560157.30    560177.30    560197.30    560217.30
560237.30    560257.30
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

  4190825.17 |          2.00         2.00         1.80         1.50         1.10         1.00         1.00
1.00         1.00
  4190805.17 |          2.00         2.00         1.50         1.00         1.00         1.00         1.00
1.00         1.00
  4190785.17 |          2.00         2.00         1.50         1.00         1.00         1.00         1.00
1.00         0.70
  4190765.17 |          2.00         2.00         1.50         1.00         1.00         1.00         1.00
0.70         0.30
  4190745.17 |          2.00         2.00         1.50         1.00         1.00         1.00         0.90
0.20         0.00
  4190725.17 |          2.00         2.00         1.50         1.00         1.00         1.00         0.90
0.20         0.00
  4190705.17 |          2.00         2.00         1.50         1.00         1.00         0.80         0.50
0.10         0.00
  4190685.17 |          2.00         2.00         1.50         1.00         1.00         0.50         0.00
0.00         0.00
  4190665.17 |          2.00         2.00         1.50         1.00         1.00         0.50         0.00
0.00         0.00
  4190645.17 |          2.00         2.00         1.50         1.00         1.00         0.50         0.00
0.00         0.00
```


*** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

```
   Y-COORD  |                                        X-COORD (METERS)
   (METERS) |     560277.30    560297.30    560317.30    560337.30    560357.30    560377.30    560397.30
560417.30    560437.30
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

  4191625.17 |          2.00         2.00         2.00         1.70         0.40         0.00         0.00
0.00         0.00
  4191605.17 |          2.00         2.00         2.00         1.80         1.00         0.40         0.00
0.00         0.00
  4191585.17 |          2.00         2.00         2.00         2.00         2.00         1.10         0.10
```

0.10 0.10
4191565.17 | 2.00 2.00 2.00 2.00 2.00 1.70 1.40
1.40 1.40
4191545.17 | 2.00 2.00 2.00 2.00 2.00 2.00 2.00
2.00 2.00
4191525.17 | 2.00 2.00 2.00 2.00 2.00 2.00 2.00
2.00 2.00
4191505.17 | 1.40 1.90 2.00 2.00 2.00 2.00 2.00
2.00 2.00
4191485.17 | 1.10 1.80 2.00 2.00 2.00 2.00 2.00
2.00 2.00
4191465.17 | 1.10 1.80 2.00 2.00 2.00 2.00 2.00
2.00 2.00
4191445.17 | 0.50 1.70 2.00 2.00 2.00 2.00 2.00
2.00 2.00
4191425.17 | 0.20 1.30 1.80 2.00 2.00 2.00 2.00
2.00 2.00
4191405.17 | 0.10 0.80 1.40 1.90 1.90 1.90 2.00
2.00 2.00
4191385.17 | 0.00 0.20 0.40 0.60 0.60 0.90 1.30
1.30 1.60
4191365.17 | 0.00 0.00 0.00 0.00 0.00 0.30 0.60
0.60 1.10
4191345.17 | 0.00 0.00 0.00 0.00 0.00 0.00 0.00
0.00 0.50
4191325.17 | 0.00 0.00 0.00 0.00 0.00 0.00 0.00
0.00 0.80
4191305.17 | 0.00 0.00 0.00 0.00 0.00 0.00 0.00
0.00 0.80
4191285.17 | 0.00 0.00 0.00 0.00 0.00 0.00 0.00
0.00 0.40
4191265.17 | 0.00 0.00 0.00 0.00 0.00 0.00 0.00
0.00 0.10
4191245.17 | 0.00 0.00 0.00 0.00 0.00 0.00 0.00
0.00 0.00
4191225.17 | 0.00 0.00 0.00 0.00 0.00 0.00 0.00
0.00 0.00
4191205.17 | 0.00 0.00 0.00 0.00 0.00 0.00 0.00
0.00 0.00
4191185.17 | 0.00 0.00 0.00 0.00 0.00 0.00 0.00
0.00 0.00
4191165.17 | 0.00 0.00 0.00 0.00 0.00 0.00 0.00
0.00 0.00
4191145.17 | 0.00 0.00 0.00 0.00 0.00 0.00 0.00
0.00 0.00
4191125.17 | 0.00 0.00 0.00 0.00 0.00 0.00 0.00
0.00 0.00
4191105.17 | 0.00 0.00 0.00 0.00 0.00 0.00 0.00
0.00 0.00
4191085.17 | 0.00 0.00 0.00 0.00 0.00 0.00 0.00
0.00 0.00
4191065.17 | 0.00 0.00 0.00 0.00 0.00 0.00 0.00
0.00 0.00
4191045.17 | 0.00 0.00 0.00 0.00 0.00 0.00 0.00
0.00 0.00
4191025.17 | 0.00 0.00 0.00 0.00 0.00 0.00 0.10
0.60 0.70
4191005.17 | 0.00 0.30 0.40 0.40 0.40 0.60 0.80
1.30 1.40
4190985.17 | 0.20 0.80 1.00 1.00 1.00 1.50 2.00
2.00 2.00
4190965.17 | 1.50 1.70 1.70 1.70 1.70 1.80 2.00
2.00 2.00
4190945.17 | 2.00 2.00 2.00 2.00 2.00 2.00 2.00
1.70 1.60
4190925.17 | 2.00 2.00 2.00 2.00 2.00 2.00 1.80
1.20 1.00
4190905.17 | 1.30 1.30 1.30 1.30 1.30 1.30 1.30
1.10 1.00

*** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)						
	560277.30	560297.30	560317.30	560337.30	560357.30	560377.30	560397.30	560417.30	560437.30
4190825.17	1.00	1.00	0.80	0.60	0.60	0.60	0.60	0.60	0.60
4190805.17	1.00	1.00	0.50	0.00	0.00	0.00	0.00	0.00	0.00
4190785.17	0.30	0.30	0.20	0.00	0.00	0.00	0.00	0.00	0.00
4190765.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4190745.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4190725.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4190705.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4190685.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4190665.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4190645.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

*** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)						
	560457.30	560477.30	560497.30	560517.30	560537.30	560557.30	560577.30	560597.30	560617.30
4191625.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4191605.17	0.00	0.00	0.00	0.10	0.60	0.80	0.80	0.80	0.90
4191585.17	0.10	0.10	0.10	0.30	1.60	2.00	2.00	2.00	2.50
4191565.17	1.40	1.40	1.40	1.60	2.40	2.70	2.70		

2.70 3.20
4191545.17 | 2.00 2.00 2.00 2.10 2.50 2.60 2.60
2.60 2.90
4191525.17 | 2.00 2.00 2.00 2.00 2.00 2.00 2.00
2.00 2.00
4191505.17 | 2.00 2.00 2.00 2.00 2.00 2.00 2.00
2.00 2.00
4191485.17 | 2.00 2.00 1.80 1.60 1.60 1.80 2.00
2.00 2.00
4191465.17 | 2.00 2.00 1.60 1.00 1.00 1.50 2.00
2.00 2.00
4191445.17 | 2.00 2.00 1.90 1.70 1.70 1.80 2.00
2.00 2.00
4191425.17 | 2.00 2.00 2.00 2.00 1.70 1.60 1.60
1.60 1.60
4191405.17 | 2.00 2.00 2.00 1.90 1.20 1.00 1.00
1.00 1.00
4191385.17 | 2.00 2.00 2.00 2.00 1.80 1.40 1.00
1.00 1.00
4191365.17 | 1.60 1.60 1.80 2.00 2.00 1.70 1.40
1.40 1.20
4191345.17 | 1.00 1.00 1.50 2.00 2.00 2.00 2.00
2.00 1.50
4191325.17 | 1.70 1.70 1.80 2.00 2.00 2.00 2.00
2.00 1.50
4191305.17 | 1.70 1.90 2.00 2.00 2.00 2.00 2.00
2.00 1.70
4191285.17 | 1.10 1.80 2.00 2.00 2.00 2.00 2.00
2.00 2.00
4191265.17 | 0.50 1.70 2.00 2.00 2.00 2.00 2.00
2.00 2.00
4191245.17 | 0.20 1.30 1.80 2.00 2.00 2.00 2.00
2.00 2.00
4191225.17 | 0.10 0.80 1.40 2.00 2.00 2.00 2.00
2.00 2.00
4191205.17 | 0.00 0.20 1.10 2.00 2.00 2.00 2.00
2.00 2.00
4191185.17 | 0.00 0.00 0.90 2.00 2.00 2.00 2.00
2.00 2.00
4191165.17 | 0.00 0.00 0.90 1.90 2.00 2.00 2.00
2.00 2.00
4191145.17 | 0.00 0.00 0.30 0.80 1.70 2.00 2.00
2.00 2.00
4191125.17 | 0.00 0.00 0.00 0.20 1.30 2.00 2.40
2.40 2.70
4191105.17 | 0.00 0.00 0.00 0.10 0.80 1.90 2.90
2.90 3.80
4191085.17 | 0.00 0.00 0.00 0.00 0.20 0.90 1.60
1.60 5.00
4191065.17 | 0.00 0.30 0.40 0.40 0.40 0.70 1.00
1.30 1.40
4191045.17 | 0.20 0.80 1.00 1.00 1.00 1.00 1.20
1.80 1.90
4191025.17 | 0.70 0.90 1.30 1.70 1.70 1.70 1.70
1.40 1.00
4191005.17 | 1.40 1.40 1.70 2.00 1.70 1.60 1.50
0.80 0.30
4190985.17 | 2.00 2.00 2.00 1.90 1.20 1.00 0.90
0.20 0.00
4190965.17 | 2.00 2.00 2.00 1.90 1.20 1.00 0.90
0.20 0.00
4190945.17 | 1.60 1.60 1.60 1.50 1.10 1.00 0.90
0.20 0.00
4190925.17 | 1.00 1.00 1.00 1.00 1.00 1.00 0.90
0.20 0.00
4190905.17 | 1.00 1.00 1.00 1.00 1.00 1.00 0.90
0.20 0.00
4190885.17 | 1.00 1.00 1.00 1.00 1.00 1.00 0.90
0.20 0.00

```
  4190865.17 |          1.00         1.00         1.00         1.00         1.00         1.00         0.80
0.20         0.00
  4190845.17 |          0.90         0.40         0.30         0.30         0.30         0.30         0.30
0.10         0.00


                                *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                          * HILL HEIGHT SCALES IN METERS *

    Y-COORD  |                                          X-COORD (METERS)
    (METERS) |     560457.30    560477.30    560497.30    560517.30    560537.30    560557.30    560577.30
560597.30    560617.30
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

  4190825.17 |          0.50         0.10         0.00         0.00         0.00         0.00         0.00
0.00         0.00
  4190805.17 |          0.00         0.00         0.00         0.00         0.00         0.00         0.00
0.00         0.00
  4190785.17 |          0.00         0.00         0.00         0.00         0.00         0.00         0.00
0.00         0.00
  4190765.17 |          0.00         0.00         0.00         0.00         0.00         0.00         0.00
0.00         0.00
  4190745.17 |          0.00         0.00         0.00         0.00         0.00         0.00         0.00
0.00         0.00
  4190725.17 |          0.00         0.00         0.00         0.00         0.00         0.00         0.00
0.00         0.00
  4190705.17 |          0.00         0.00         0.00         0.00         0.00         0.00         0.00
0.00         0.00
  4190685.17 |          0.00         0.00         0.00         0.00         0.00         0.00         0.00
0.00         0.00
  4190665.17 |          0.00         0.00         0.00         0.00         0.00         0.00         0.00
0.00         0.00
  4190645.17 |          0.00         0.00         0.00         0.00         0.00         0.00         0.00
0.00         0.00


                                *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                          * HILL HEIGHT SCALES IN METERS *

    Y-COORD  |                                          X-COORD (METERS)
    (METERS) |     560637.30    560657.30    560677.30    560697.30    560717.30    560737.30    560757.30
560777.30    560797.30
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

  4191625.17 |          0.00         0.00         0.00         0.20         1.10         1.40         1.40
1.40         1.70
  4191605.17 |          1.10         1.10         1.10         1.30         2.40         2.80         2.70
2.50         2.40
  4191585.17 |          3.00         3.00         3.00         3.20         3.80         4.00         3.90
3.20         3.00
  4191565.17 |          3.70         3.70         3.70         3.70         3.40         3.60         4.00
3.80         3.70
  4191545.17 |          3.20         3.20         3.10         2.80         2.70         2.90         3.30
```

3.80 4.00
4191525.17 | 2.00 2.00 1.50 1.10 1.80 2.00 2.20
3.50 4.00
4191505.17 | 2.00 2.00 1.50 1.00 1.20 1.60 2.10
2.50 3.20
4191485.17 | 2.00 2.00 1.70 1.30 1.10 1.30 1.70
1.90 2.60
4191465.17 | 2.00 2.00 2.00 1.80 1.20 1.00 1.10
1.80 2.00
4191445.17 | 2.00 2.00 1.70 1.30 1.60 1.40 1.00
1.20 1.60
4191425.17 | 1.60 1.60 1.30 1.10 1.80 1.70 1.30
1.10 1.50
4191405.17 | 1.00 1.00 1.00 1.10 1.80 2.00 1.90
1.20 1.50
4191385.17 | 1.00 1.00 1.00 1.10 1.80 2.00 2.00
1.80 2.50
4191365.17 | 1.00 1.00 1.20 1.50 1.90 2.00 2.00
2.00 2.80
4191345.17 | 1.00 1.00 1.50 2.00 2.00 2.00 2.00
2.00 2.50
4191325.17 | 1.00 1.00 1.50 2.00 2.00 2.00 2.10
2.60 2.80
4191305.17 | 1.40 1.40 1.70 2.00 2.00 2.00 2.10
2.80 3.00
4191285.17 | 2.00 2.00 2.00 2.00 2.00 2.00 2.20
2.80 3.00
4191265.17 | 2.00 2.00 2.00 2.00 2.00 2.30 2.70
2.90 3.00
4191245.17 | 2.00 2.00 2.00 2.00 2.00 2.50 3.00
3.00 3.00
4191225.17 | 2.00 2.00 2.00 2.00 2.00 2.40 3.00
3.00 3.00
4191205.17 | 2.00 2.00 2.00 2.00 2.00 2.10 2.40
2.90 3.00
4191185.17 | 2.00 2.00 2.00 2.00 2.00 2.20 2.50
2.90 2.80
4191165.17 | 2.00 2.00 2.00 2.00 2.00 2.50 3.00
3.00 2.50
4191145.17 | 2.00 2.00 2.00 2.10 2.60 2.80 2.90
2.40 2.20
4191125.17 | 5.00 2.80 2.60 2.50 2.90 2.80 2.50
2.10 2.00
4191105.17 | 4.70 4.10 3.50 3.00 3.00 2.50 2.00
2.00 2.00
4191085.17 | 5.00 2.50 2.40 2.30 2.30 2.20 2.00
2.00 2.00
4191065.17 | 1.50 1.90 2.00 2.00 1.70 1.40 1.20
1.20 1.20
4191045.17 | 1.90 1.90 1.90 1.80 1.20 0.50 0.00
0.00 0.00
4191025.17 | 0.60 0.60 0.60 0.50 0.30 0.20 0.00
0.00 0.00
4191005.17 | 0.00 0.00 0.00 0.00 0.00 0.00 0.00
0.00 0.00
4190985.17 | 0.00 0.00 0.00 0.00 0.00 0.00 0.00
0.00 0.00
4190965.17 | 0.00 0.00 0.00 0.00 0.00 0.00 0.00
0.00 0.00
4190945.17 | 0.00 0.00 0.00 0.00 0.00 0.00 0.00
0.00 0.00
4190925.17 | 0.00 0.00 0.00 0.00 0.00 0.00 0.00
0.00 0.00
4190905.17 | 0.00 0.00 0.00 0.00 0.00 0.00 0.00
0.00 0.00
4190885.17 | 0.00 0.00 0.00 0.00 0.00 0.00 0.00
0.00 0.00
4190865.17 | 0.00 0.00 0.00 0.00 0.00 0.00 0.00
0.00 0.00

```
  4190845.17 |          0.00         0.00         0.00         0.00         0.00         0.00         0.00
0.00         0.00
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                  ***
  09:59:03

  PAGE 588
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

                                *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                          * HILL HEIGHT SCALES IN METERS *

    Y-COORD  |                                          X-COORD (METERS)
    (METERS) |     560637.30    560657.30    560677.30    560697.30    560717.30    560737.30    560757.30
560777.30    560797.30
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

  4190825.17 |          0.00         0.00         0.00         0.00         0.00         0.00         0.00
0.00         0.00
  4190805.17 |          0.00         0.00         0.00         0.00         0.00         0.00         0.00
0.00         0.00
  4190785.17 |          0.00         0.00         0.00         0.00         0.00         0.00         0.00
0.00         0.00
  4190765.17 |          0.00         0.00         0.00         0.00         0.00         0.00         0.00
0.00         0.00
  4190745.17 |          0.00         0.00         0.00         0.00         0.00         0.00         0.00
0.00         0.00
  4190725.17 |          0.00         0.00         0.00         0.00         0.00         0.00         0.00
0.00         0.00
  4190705.17 |          0.00         0.00         0.00         0.00         0.00         0.00         0.00
0.00         0.00
  4190685.17 |          0.00         0.00         0.00         0.00         0.00         0.00         0.00
0.00         0.00
  4190665.17 |          0.00         0.00         0.00         0.00         0.00         0.00         0.00
0.00         0.00
  4190645.17 |          0.00         0.00         0.00         0.00         0.00         0.00         0.00
0.00         0.00
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                  ***
  09:59:03

  PAGE 589
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

                                *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                          * HILL HEIGHT SCALES IN METERS *

    Y-COORD  |                                          X-COORD (METERS)
    (METERS) |     560817.30    560837.30    560857.30    560877.30    560897.30    560917.30    560937.30
560957.30    560977.30
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

  4191625.17 |          2.00         2.00         2.00         2.00         2.00         2.00         2.00
2.00         2.00
  4191605.17 |          2.40         2.40         2.20         2.00         2.00         2.00         2.00
2.00         2.00
  4191585.17 |          3.00         3.00         2.60         2.00         2.00         2.00         2.00
2.00         2.00
  4191565.17 |          3.60         3.10         2.90         2.70         2.70         2.70         2.60
2.10         2.00
  4191545.17 |          3.90         3.20         3.00         3.00         3.00         3.00         2.90
2.50         2.40
  4191525.17 |          3.90         3.20         3.00         3.00         3.00         3.00         3.00
```

3.00 3.00
4191505.17 | 3.90 3.20 2.70 2.40 2.90 3.00 3.00
3.00 3.00
4191485.17 | 3.20 2.80 2.50 2.40 2.60 2.80 3.00
2.70 2.60
4191465.17 | 2.00 2.00 2.40 2.80 2.20 2.40 2.80
2.20 2.00
4191445.17 | 2.00 2.00 2.10 2.30 2.10 2.10 2.30
2.60 2.70
4191425.17 | 2.00 2.30 2.20 2.00 2.30 2.40 2.50
2.90 3.00
4191405.17 | 2.20 2.80 2.60 2.20 2.80 3.00 3.00
3.00 3.00
4191385.17 | 3.50 3.70 3.20 2.70 2.90 3.00 3.00
3.00 3.00
4191365.17 | 3.70 3.90 3.50 3.00 3.00 3.00 3.00
3.00 3.00
4191345.17 | 3.10 3.80 3.50 3.00 3.00 3.00 3.00
3.00 3.00
4191325.17 | 3.10 3.80 3.50 3.00 3.00 3.00 3.00
3.00 3.00
4191305.17 | 3.10 3.80 3.50 3.00 3.00 3.00 3.00
3.00 3.00
4191285.17 | 3.10 3.80 3.60 3.00 3.00 3.00 3.00
3.00 3.00
4191265.17 | 3.10 3.80 3.90 3.60 3.10 3.00 3.00
3.00 3.00
4191245.17 | 3.10 3.80 3.80 3.50 3.10 3.00 3.00
3.00 3.00
4191225.17 | 3.10 3.70 3.50 3.00 3.00 3.00 3.00
3.00 3.00
4191205.17 | 2.90 2.70 2.80 3.00 3.00 3.00 2.90
2.40 2.60
4191185.17 | 2.50 2.10 2.30 2.60 2.60 2.80 2.90
2.50 2.50
4191165.17 | 2.00 2.00 2.00 2.00 2.00 2.40 3.00
3.00 2.50
4191145.17 | 2.00 2.00 2.00 2.00 2.00 2.10 2.30
2.30 1.50
4191125.17 | 2.00 2.00 2.00 2.00 2.00 1.80 1.60
1.30 0.70
4191105.17 | 2.00 2.00 2.00 2.00 1.90 1.50 0.80
0.20 0.00
4191085.17 | 1.90 1.40 1.30 1.20 0.70 0.40 0.30
0.10 0.00
4191065.17 | 1.20 0.80 0.60 0.50 0.10 0.00 0.00
0.30 0.40
4191045.17 | 0.00 0.00 0.00 0.00 0.00 0.00 0.20
0.80 1.00
4191025.17 | 0.00 0.00 0.00 0.00 0.00 0.30 0.80
1.50 1.40
4191005.17 | 0.00 0.00 0.00 0.00 0.00 0.50 1.10
1.80 1.70
4190985.17 | 0.00 0.00 0.00 0.00 0.00 0.40 1.10
1.80 2.00
4190965.17 | 0.00 0.00 0.00 0.00 0.00 0.10 0.50
1.70 2.00
4190945.17 | 0.00 0.00 0.00 0.00 0.00 0.00 0.30
1.60 2.00
4190925.17 | 0.00 0.00 0.00 0.00 0.00 0.00 0.30
1.60 2.00
4190905.17 | 0.00 0.00 0.00 0.00 0.00 0.00 0.30
1.60 2.00
4190885.17 | 0.00 0.00 0.00 0.00 0.00 0.00 0.20
1.30 1.80
4190865.17 | 0.00 0.00 0.00 0.00 0.00 0.00 0.10
0.80 1.40
4190845.17 | 0.00 0.00 0.00 0.00 0.00 0.00 0.00
0.20 1.10

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)						
	560817.30	560837.30	560857.30	560877.30	560897.30	560917.30	560937.30
560957.30	560977.30						
4190825.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.90						
4190805.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.90						
4190785.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.90						
4190765.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.80						
4190745.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.40						
4190725.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.10						
4190705.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00						
4190685.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00						
4190665.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00						
4190645.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00						

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)						
	560997.30	561017.30	561037.30	561057.30	561077.30	561097.30	561117.30
561137.30	561157.30						
4191625.17	2.00	2.20	2.50	2.70	2.90	3.00	3.00
3.00	3.00						
4191605.17	2.00	2.30	2.50	2.70	2.90	3.00	3.00
3.00	3.00						
4191585.17	2.10	2.80	2.50	2.10	2.80	3.00	3.00
3.00	3.00						
4191565.17	2.10	2.80	2.50	2.00	2.20	2.60	3.00
3.00	3.00						
4191545.17	2.40	2.60	2.30	2.00	2.00	2.50	3.00
3.00	3.00						
4191525.17	2.90	2.20	2.00	2.00	2.00	2.50	3.00
3.00	3.00						
4191505.17	3.00	2.80	2.40	2.10	2.60	2.80	3.00

3.00 3.00
4191485.17 | 2.70 2.90 2.70 2.40 2.60 2.80 3.00
3.00 3.00
4191465.17 | 2.20 2.80 3.00 2.90 2.20 2.50 3.00
3.00 3.00
4191445.17 | 2.70 2.90 3.00 3.00 2.80 2.80 3.00
3.00 3.00
4191425.17 | 3.00 3.00 3.00 3.00 3.00 3.00 3.00
3.30 3.40
4191405.17 | 3.00 3.00 3.00 3.00 3.00 3.00 3.10
3.80 4.00
4191385.17 | 3.00 3.00 3.00 3.00 3.00 3.00 3.00
3.20 3.30
4191365.17 | 3.00 3.00 3.00 3.00 3.00 3.20 3.40
3.40 3.40
4191345.17 | 3.00 3.00 3.00 3.00 3.00 3.50 4.00
4.00 4.00
4191325.17 | 3.00 3.00 3.00 3.10 3.60 3.80 4.00
4.00 4.00
4191305.17 | 3.00 3.00 3.20 3.50 3.90 4.20 4.40
4.40 4.00
4191285.17 | 3.00 3.00 3.50 4.00 4.00 4.50 5.00
5.00 4.20
4191265.17 | 3.00 3.00 3.50 4.00 4.00 4.50 5.10
5.60 5.80
4191245.17 | 3.00 3.00 3.50 4.00 4.00 4.50 5.10
5.50 6.10
4191225.17 | 3.00 3.00 3.40 4.00 4.00 4.50 5.00
5.00 5.40
4191205.17 | 3.00 3.00 3.10 3.40 3.90 4.50 5.00
5.00 4.80
4191185.17 | 2.60 2.60 2.80 3.10 3.80 4.30 4.60
4.60 4.30
4191165.17 | 1.90 2.00 2.40 3.10 3.80 4.00 4.00
4.00 4.00
4191145.17 | 0.80 1.70 2.10 2.40 3.10 3.60 4.00
4.00 4.00
4191125.17 | 0.20 1.30 2.00 2.50 2.90 3.30 3.60
3.60 3.60
4191105.17 | 0.10 0.80 1.90 3.00 3.00 3.00 3.00
3.00 3.00
4191085.17 | 0.10 0.80 1.90 3.00 3.00 3.00 3.00
3.00 3.00
4191065.17 | 0.50 0.90 1.60 2.40 3.10 3.20 3.00
3.00 3.00
4191045.17 | 1.00 1.10 1.00 4.00 4.00 3.50 3.00
3.00 3.00
4191025.17 | 1.20 2.10 1.80 1.10 4.00 2.70 3.60
3.10 3.00
4191005.17 | 1.50 2.40 2.00 1.40 1.40 2.40 3.50
3.10 3.00
4190985.17 | 2.00 2.00 2.00 2.00 2.00 2.50 3.00
3.00 3.00
4190965.17 | 2.00 2.00 2.30 2.70 2.70 2.50 2.30
2.30 2.60
4190945.17 | 2.00 2.30 2.70 3.00 2.70 2.30 2.00
2.00 2.30
4190925.17 | 2.10 2.80 3.00 2.80 2.20 2.00 2.00
2.00 2.00
4190905.17 | 2.10 2.80 2.70 2.20 1.50 1.60 2.00
2.00 2.00
4190885.17 | 2.10 2.50 2.20 1.50 1.10 1.50 2.00
2.00 2.00
4190865.17 | 2.00 2.00 1.50 1.00 1.00 1.40 2.00
1.90 1.90
4190845.17 | 1.90 1.40 1.20 1.00 1.00 1.10 1.20
0.70 0.60

*** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)								
	560997.30	561017.30	561037.30	561057.30	561077.30	561097.30	561117.30	561137.30	561157.30
4190825.17	1.90	1.20	0.80	0.60	0.60	0.60	0.50	0.10	0.00
4190805.17	1.90	1.20	0.50	0.00	0.00	0.00	0.00	0.00	0.00
4190785.17	1.90	1.20	0.50	0.00	0.00	0.00	0.00	0.00	0.00
4190765.17	1.50	1.10	0.50	0.00	0.00	0.00	0.00	0.00	0.00
4190745.17	1.00	1.00	0.60	0.00	0.00	0.00	0.00	0.00	0.00
4190725.17	0.50	1.40	1.20	0.60	0.10	0.00	0.00	0.00	0.00
4190705.17	0.30	1.60	1.50	0.90	0.20	0.00	0.00	0.00	0.00
4190685.17	0.30	1.60	1.50	0.90	0.30	0.00	0.00	0.00	0.00
4190665.17	0.30	1.60	1.50	1.10	1.30	0.80	0.00	0.00	0.00
4190645.17	0.20	1.30	1.30	1.20	2.10	1.30	0.00	0.00	0.00

*** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)								
	561177.30	561197.30	561217.30	561237.30	561257.30	561277.30	561297.30	561317.30	561337.30
4191625.17	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.50
4191605.17	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.50
4191585.17	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.50
4191565.17	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.50
4191545.17	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.50
4191525.17	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.50
4191505.17	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.50
4191485.17	3.00	3.00	2.80	2.70	2.90	3.00	3.00		

```
3.30         3.50
  4191465.17 |          3.00         3.00         2.60         2.20         2.80         3.10         3.20
3.80         3.50
  4191445.17 |          3.00         3.00         3.20         3.50         3.70         4.00         4.30
3.50         3.20
  4191425.17 |          3.40         3.70         3.90         4.00         4.30         4.70         4.80
3.70         3.40
  4191405.17 |          4.10         4.70         4.50         4.20         4.70         4.90         4.80
4.20         4.00
  4191385.17 |          3.30         3.50         4.10         4.60         3.80         3.60         3.50
3.30         3.30
  4191365.17 |          3.40         3.40         3.80         4.10         3.30         3.00         3.00
3.00         3.00
  4191345.17 |          4.00         4.00         3.50         3.00         3.00         3.00         3.00
3.00         3.00
  4191325.17 |          4.00         4.00         3.50         3.00         3.00         3.00         3.00
3.00         3.00
  4191305.17 |          3.60         3.60         3.50         3.30         3.10         3.00         3.00
3.00         3.00
  4191285.17 |          7.00         7.00         3.50         3.80         3.30         3.00         3.00
3.00         3.00
  4191265.17 |          7.00         5.30         6.00         3.40         4.20         3.80         3.10
3.60         3.40
  4191245.17 |          6.50         6.10         4.80         3.60         5.00         4.80         4.20
4.30         3.70
  4191225.17 |          5.90         5.90         5.00         4.30         5.60         6.00         5.90
5.20         4.10
  4191205.17 |          4.60         4.60         4.60         4.80         5.20         5.90         6.60
5.90         4.50
  4191185.17 |          4.00         4.00         4.30         4.70         5.20         6.00         6.50
6.10         4.60
  4191165.17 |          4.00         4.00         4.00         4.30         5.60         6.00         5.90
5.90         6.00
  4191145.17 |          3.90         3.40         3.60         4.30         5.60         5.30         4.70
5.10         4.20
  4191125.17 |          3.50         3.10         3.50         4.10         6.00         4.30         3.70
4.10         3.70
  4191105.17 |          3.00         3.00         3.40         3.80         3.20         3.00         3.00
3.00         3.00
  4191085.17 |          3.00         3.00         3.10         3.30         3.10         3.00         2.90
2.40         2.60
  4191065.17 |          3.00         3.00         3.00         3.00         3.00         3.00         2.90
2.20         2.30
  4191045.17 |          3.00         3.00         3.00         3.00         3.00         3.00         2.80
2.20         2.00
  4191025.17 |          3.00         3.00         3.00         3.00         3.00         2.70         2.30
2.10         2.00
  4191005.17 |          3.00         3.00         2.80         2.60         2.60         2.30         2.00
2.00         2.00
  4190985.17 |          3.00         3.00         2.50         2.00         2.00         2.00         2.00
2.00         2.00
  4190965.17 |          2.90         2.40         2.20         2.00         2.00         2.00         2.00
2.00         2.00
  4190945.17 |          2.50         2.10         1.80         1.70         1.90         2.00         2.00
2.00         2.00
  4190925.17 |          2.00         2.00         1.60         1.20         1.80         2.00         2.00
2.00         2.00
  4190905.17 |          2.00         2.00         2.20         2.40         2.10         2.00         2.00
2.00         2.00
  4190885.17 |          2.00         2.00         2.10         2.20         2.10         2.00         2.00
2.00         2.00
  4190865.17 |          1.90         1.90         1.50         1.20         1.80         2.00         2.10
2.00         2.00
  4190845.17 |          0.60         0.60         1.10         1.70         1.90         2.70         3.10
1.70         1.60
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03
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*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)						
	561177.30	561197.30	561217.30	561237.30	561257.30	561277.30	561297.30
561317.30	561337.30						
4190825.17	0.00	0.00	0.60	1.30	1.80	2.60	3.10
2.40	2.10						
4190805.17	0.00	0.00	0.00	0.30	1.60	2.00	2.20
3.50	3.10						
4190785.17	0.00	0.00	0.00	0.30	1.60	2.00	2.00
1.90	5.00						
4190765.17	0.00	0.00	0.00	0.20	1.30	1.80	1.90
5.00	5.00						
4190745.17	0.00	0.00	0.00	0.10	0.80	1.40	1.90
1.30	1.60						
4190725.17	0.00	0.00	0.00	0.00	0.20	1.10	2.10
4.00	3.30						
4190705.17	0.00	0.00	0.00	0.00	0.00	0.60	1.50
2.80	3.60						
4190685.17	0.00	0.00	0.00	0.00	0.00	0.00	0.30
1.60	2.90						
4190665.17	0.00	0.00	0.00	0.00	0.00	0.00	0.20
1.00	1.90						
4190645.17	0.00	0.00	0.00	0.00	0.00	0.00	0.10
0.50	1.30						

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)		
	561357.30	561377.30	561397.30
4191625.17	4.00	4.00	4.00
4191605.17	4.00	4.00	4.00
4191585.17	4.00	4.00	4.00
4191565.17	4.00	4.00	4.00
4191545.17	4.00	4.00	4.00
4191525.17	4.00	4.00	4.00
4191505.17	4.00	4.00	4.00
4191485.17	3.70	3.90	4.00
4191465.17	3.10	3.80	4.00
4191445.17	3.10	3.80	4.00
4191425.17	3.50	3.90	4.00
4191405.17	4.00	4.00	4.00
4191385.17	3.30	3.30	3.60
4191365.17	3.00	3.00	3.50
4191345.17	3.00	3.00	3.50
4191325.17	3.00	3.00	3.50
4191305.17	3.00	3.00	3.30
4191285.17	3.00	3.00	3.00

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  4191265.17 |          3.00         3.00         3.00
  4191245.17 |          3.00         3.00         3.20
  4191225.17 |          3.00         3.00         3.50
  4191205.17 |          3.00         3.00         3.50
  4191185.17 |          3.00         2.70         3.10
  4191165.17 |          2.90         2.20         2.40
  4191145.17 |          2.80         1.60         1.80
  4191125.17 |          2.70         1.40         1.50
  4191105.17 |          2.70         1.40         1.40
  4191085.17 |          2.70         1.40         1.10
  4191065.17 |          2.40         1.30         1.00
  4191045.17 |          1.90         1.20         1.00
  4191025.17 |          1.90         1.20         1.00
  4191005.17 |          1.90         1.20         1.00
  4190985.17 |          1.90         1.20         1.00
  4190965.17 |          1.90         1.20         1.00
  4190945.17 |          1.90         1.20         1.00
  4190925.17 |          1.90         1.20         1.00
  4190905.17 |          2.00         1.80         1.40
  4190885.17 |          2.00         2.00         1.50
  4190865.17 |          2.00         2.00         1.50
  4190845.17 |          2.00         2.00         1.50
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                              ***
  09:59:03

  PAGE 596
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

                               *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                        * HILL HEIGHT SCALES IN METERS *

    Y-COORD  |                                          X-COORD (METERS)
    (METERS) |     561357.30    561377.30    561397.30
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

  4190825.17 |          2.00         2.00         1.50
  4190805.17 |          2.10         2.10         1.60
  4190785.17 |          5.00         3.00         2.20
  4190765.17 |          3.80         3.50         2.70
  4190745.17 |          2.30         3.50         3.00
  4190725.17 |          3.30         2.80         2.60
  4190705.17 |          3.80         2.70         2.50
  4190685.17 |          3.80         3.20         2.60
  4190665.17 |          2.70         3.50         3.20
  4190645.17 |          2.20         3.00         3.10
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                              ***
  09:59:03

  PAGE 597
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

                               *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                        * RECEPTOR FLAGPOLE HEIGHTS IN METERS *

    Y-COORD  |                                          X-COORD (METERS)
    (METERS) |     559917.30    559937.30    559957.30    559977.30    559997.30    560017.30    560037.30
560057.30    560077.30
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

  4191625.17 |          1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
```

4191605.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4191585.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4191565.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4191545.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4191525.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4191505.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4191485.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4191465.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4191445.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4191425.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4191405.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4191385.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4191365.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4191345.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4191325.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4191305.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4191285.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4191265.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4191245.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4191225.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4191205.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4191185.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4191165.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4191145.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4191125.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4191105.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4191085.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4191065.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4191045.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4191025.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4191005.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4190985.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4190965.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4190945.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4190925.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50

1.50 1.50
4190905.17 | 1.50 1.50 1.50 1.50 1.50 1.50 1.50
1.50 1.50
4190885.17 | 1.50 1.50 1.50 1.50 1.50 1.50 1.50
1.50 1.50
4190865.17 | 1.50 1.50 1.50 1.50 1.50 1.50 1.50
1.50 1.50
4190845.17 | 1.50 1.50 1.50 1.50 1.50 1.50 1.50
1.50 1.50

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* RECEPTOR FLAGPOLE HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)								
	559917.30	559937.30	559957.30	559977.30	559997.30	560017.30	560037.30	560057.30	560077.30
4190825.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4190805.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4190785.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4190765.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4190745.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4190725.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4190705.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4190685.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4190665.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4190645.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* RECEPTOR FLAGPOLE HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)								
	560097.30	560117.30	560137.30	560157.30	560177.30	560197.30	560217.30	560237.30	560257.30
4191625.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4191605.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50

4191585.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4191565.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4191545.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4191525.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4191505.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4191485.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4191465.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4191445.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4191425.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4191405.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4191385.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4191365.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4191345.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4191325.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4191305.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4191285.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4191265.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4191245.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4191225.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4191205.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4191185.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4191165.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4191145.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4191125.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4191105.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4191085.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4191065.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4191045.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4191025.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4191005.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4190985.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4190965.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4190945.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4190925.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4190905.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50

Y-COORD (METERS)									
								1.50	1.50
4190885.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4190865.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4190845.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* RECEPTOR FLAGPOLE HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 560097.30	560117.30	560137.30	560157.30	560177.30	560197.30	560217.30	560237.30	560257.30
4190825.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4190805.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4190785.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4190765.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4190745.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4190725.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4190705.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4190685.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4190665.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4190645.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* RECEPTOR FLAGPOLE HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 560277.30	560297.30	560317.30	560337.30	560357.30	560377.30	560397.30	560417.30	560437.30
4191625.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4191605.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4191585.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50

4191565.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4191545.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4191525.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4191505.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4191485.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4191465.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4191445.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4191425.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4191405.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4191385.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4191365.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4191345.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4191325.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4191305.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4191285.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4191265.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4191245.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4191225.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4191205.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4191185.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4191165.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4191145.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4191125.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4191105.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4191085.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4191065.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4191045.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4191025.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4191005.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4190985.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4190965.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4190945.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4190925.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4190905.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4190885.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50

1.50 1.50
4190865.17 | 1.50 1.50 1.50 1.50 1.50 1.50 1.50
1.50 1.50
4190845.17 | 1.50 1.50 1.50 1.50 1.50 1.50 1.50
1.50 1.50

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* RECEPTOR FLAGPOLE HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)						
	560277.30	560297.30	560317.30	560337.30	560357.30	560377.30	560397.30
560417.30	560437.30						
4190825.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4190805.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4190785.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4190765.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4190745.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4190725.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4190705.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4190685.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4190665.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4190645.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* RECEPTOR FLAGPOLE HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)						
	560457.30	560477.30	560497.30	560517.30	560537.30	560557.30	560577.30
560597.30	560617.30						
4191625.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4191605.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4191585.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4191565.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						

4191545.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4191525.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4191505.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4191485.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4191465.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4191445.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4191425.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4191405.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4191385.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4191365.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4191345.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4191325.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4191305.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4191285.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4191265.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4191245.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4191225.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4191205.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4191185.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4191165.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4191145.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4191125.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4191105.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4191085.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4191065.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4191045.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4191025.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4191005.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4190985.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4190965.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4190945.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4190925.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4190905.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4190885.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4190865.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50

1.50 1.50
4190845.17 | 1.50 1.50 1.50 1.50 1.50 1.50 1.50
1.50 1.50

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* RECEPTOR FLAGPOLE HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)						
	560457.30	560477.30	560497.30	560517.30	560537.30	560557.30	560577.30
560597.30	560617.30						
4190825.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4190805.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4190785.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4190765.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4190745.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4190725.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4190705.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4190685.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4190665.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4190645.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* RECEPTOR FLAGPOLE HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)						
	560637.30	560657.30	560677.30	560697.30	560717.30	560737.30	560757.30
560777.30	560797.30						
4191625.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4191605.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4191585.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4191565.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4191545.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						

4191525.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4191505.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4191485.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4191465.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4191445.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4191425.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4191405.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4191385.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4191365.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4191345.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4191325.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4191305.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4191285.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4191265.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4191245.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4191225.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4191205.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4191185.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4191165.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4191145.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4191125.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4191105.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4191085.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4191065.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4191045.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4191025.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4191005.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4190985.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4190965.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4190945.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4190925.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4190905.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4190885.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4190865.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4190845.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* RECEPTOR FLAGPOLE HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)								
	560637.30	560657.30	560677.30	560697.30	560717.30	560737.30	560757.30	560777.30	560797.30
4190825.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4190805.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4190785.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4190765.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4190745.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4190725.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4190705.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4190685.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4190665.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4190645.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* RECEPTOR FLAGPOLE HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)								
	560817.30	560837.30	560857.30	560877.30	560897.30	560917.30	560937.30	560957.30	560977.30
4191625.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4191605.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4191585.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4191565.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4191545.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4191525.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50

```
  4191505.17 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4191485.17 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4191465.17 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4191445.17 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4191425.17 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4191405.17 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4191385.17 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4191365.17 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4191345.17 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4191325.17 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4191305.17 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4191285.17 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4191265.17 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4191245.17 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4191225.17 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4191205.17 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4191185.17 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4191165.17 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4191145.17 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4191125.17 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4191105.17 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4191085.17 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4191065.17 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4191045.17 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4191025.17 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4191005.17 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4190985.17 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4190965.17 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4190945.17 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4190925.17 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4190905.17 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4190885.17 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4190865.17 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4190845.17 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
```

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* RECEPTOR FLAGPOLE HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)								
	560817.30	560837.30	560857.30	560877.30	560897.30	560917.30	560937.30	560957.30	560977.30
4190825.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4190805.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4190785.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4190765.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4190745.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4190725.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4190705.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4190685.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4190665.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4190645.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* RECEPTOR FLAGPOLE HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)								
	560997.30	561017.30	561037.30	561057.30	561077.30	561097.30	561117.30	561137.30	561157.30
4191625.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4191605.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4191585.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4191565.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4191545.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4191525.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4191505.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50

4191485.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4191465.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4191445.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4191425.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4191405.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4191385.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4191365.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4191345.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4191325.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4191305.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4191285.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4191265.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4191245.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4191225.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4191205.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4191185.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4191165.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4191145.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4191125.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4191105.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4191085.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4191065.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4191045.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4191025.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4191005.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4190985.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4190965.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4190945.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4190925.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4190905.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4190885.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4190865.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4190845.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* RECEPTOR FLAGPOLE HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)							
	560997.30	561017.30	561037.30	561057.30	561077.30	561097.30	561117.30	561137.30	561157.30
4190825.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4190805.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4190785.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4190765.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4190745.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4190725.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4190705.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4190685.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4190665.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4190645.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* RECEPTOR FLAGPOLE HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)							
	561177.30	561197.30	561217.30	561237.30	561257.30	561277.30	561297.30	561317.30	561337.30
4191625.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4191605.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4191585.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4191565.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4191545.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4191525.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4191505.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4191485.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50

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  4191465.17 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4191445.17 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4191425.17 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4191405.17 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4191385.17 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4191365.17 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4191345.17 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4191325.17 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4191305.17 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4191285.17 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4191265.17 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4191245.17 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4191225.17 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4191205.17 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4191185.17 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4191165.17 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4191145.17 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4191125.17 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4191105.17 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4191085.17 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4191065.17 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4191045.17 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4191025.17 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4191005.17 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4190985.17 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4190965.17 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4190945.17 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4190925.17 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4190905.17 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4190885.17 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4190865.17 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4190845.17 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03
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*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* RECEPTOR FLAGPOLE HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)						
	561177.30	561197.30	561217.30	561237.30	561257.30	561277.30	561297.30
561317.30	561337.30						
4190825.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4190805.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4190785.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4190765.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4190745.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4190725.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4190705.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4190685.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4190665.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4190645.17	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* RECEPTOR FLAGPOLE HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)		
	561357.30	561377.30	561397.30
4191625.17	1.50	1.50	1.50
4191605.17	1.50	1.50	1.50
4191585.17	1.50	1.50	1.50
4191565.17	1.50	1.50	1.50
4191545.17	1.50	1.50	1.50
4191525.17	1.50	1.50	1.50
4191505.17	1.50	1.50	1.50
4191485.17	1.50	1.50	1.50
4191465.17	1.50	1.50	1.50
4191445.17	1.50	1.50	1.50
4191425.17	1.50	1.50	1.50
4191405.17	1.50	1.50	1.50
4191385.17	1.50	1.50	1.50
4191365.17	1.50	1.50	1.50
4191345.17	1.50	1.50	1.50
4191325.17	1.50	1.50	1.50
4191305.17	1.50	1.50	1.50
4191285.17	1.50	1.50	1.50
4191265.17	1.50	1.50	1.50

4191245.17	1.50	1.50	1.50
4191225.17	1.50	1.50	1.50
4191205.17	1.50	1.50	1.50
4191185.17	1.50	1.50	1.50
4191165.17	1.50	1.50	1.50
4191145.17	1.50	1.50	1.50
4191125.17	1.50	1.50	1.50
4191105.17	1.50	1.50	1.50
4191085.17	1.50	1.50	1.50
4191065.17	1.50	1.50	1.50
4191045.17	1.50	1.50	1.50
4191025.17	1.50	1.50	1.50
4191005.17	1.50	1.50	1.50
4190985.17	1.50	1.50	1.50
4190965.17	1.50	1.50	1.50
4190945.17	1.50	1.50	1.50
4190925.17	1.50	1.50	1.50
4190905.17	1.50	1.50	1.50
4190885.17	1.50	1.50	1.50
4190865.17	1.50	1.50	1.50
4190845.17	1.50	1.50	1.50

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* RECEPTOR FLAGPOLE HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 561357.30	561377.30	561397.30
4190825.17	1.50	1.50	1.50
4190805.17	1.50	1.50	1.50
4190785.17	1.50	1.50	1.50
4190765.17	1.50	1.50	1.50
4190745.17	1.50	1.50	1.50
4190725.17	1.50	1.50	1.50
4190705.17	1.50	1.50	1.50
4190685.17	1.50	1.50	1.50
4190665.17	1.50	1.50	1.50
4190645.17	1.50	1.50	1.50

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(560122.0, 4190978.0, 0.3, 0.3, 1.5); (560142.0, 4190978.0, 0.1, 0.1, 1.5);
(560162.0, 4190978.0, 0.0, 0.0, 1.5); (560182.0, 4190978.0, 0.0, 0.0, 1.5);
(560202.0, 4190978.0, 0.2, 0.2, 1.5); (560222.0, 4190978.0, 0.4, 0.4, 1.5);
(560242.0, 4190978.0, 0.6, 0.6, 1.5); (560262.0, 4190978.0, 0.6, 0.6, 1.5);
(560102.0, 4190998.0, 0.7, 0.7, 1.5); (560122.0, 4190998.0, 0.1, 0.1,

1.5);
 (560142.0, 4190998.0,   0.0,   0.0,   1.5);   (560162.0, 4190998.0,   0.0,   0.0,
1.5);
 (560182.0, 4190998.0,   0.0,   0.0,   1.5);   (560202.0, 4190998.0,   0.0,   0.0,
1.5);
 (560222.0, 4190998.0,   0.0,   0.0,   1.5);   (560242.0, 4190998.0,   0.0,   0.0,
1.5);
 (560262.0, 4190998.0,   0.0,   0.0,   1.5);   (560282.0, 4190998.0,   0.2,   0.2,
1.5);
 (560302.0, 4190998.0,   0.6,   0.6,   1.5);   (560322.0, 4190998.0,   0.6,   0.6,
1.5);
 (560102.0, 4191018.0,   0.7,   0.7,   1.5);   (560122.0, 4191018.0,   0.0,   0.0,
1.5);
 (560142.0, 4191018.0,   0.0,   0.0,   1.5);   (560162.0, 4191018.0,   0.0,   0.0,
1.5);
 (560182.0, 4191018.0,   0.0,   0.0,   1.5);   (560202.0, 4191018.0,   0.0,   0.0,
1.5);
 (560222.0, 4191018.0,   0.0,   0.0,   1.5);   (560242.0, 4191018.0,   0.0,   0.0,
1.5);
 (560262.0, 4191018.0,   0.0,   0.0,   1.5);   (560282.0, 4191018.0,   0.0,   0.0,
1.5);
 (560302.0, 4191018.0,   0.0,   0.0,   1.5);   (560322.0, 4191018.0,   0.0,   0.0,
1.5);
 (560342.0, 4191018.0,   0.0,   0.0,   1.5);   (560362.0, 4191018.0,   0.0,   0.0,
1.5);
 (560382.0, 4191018.0,   0.0,   0.0,   1.5);   (560402.0, 4191018.0,   0.3,   0.3,
1.5);
 (560102.0, 4191038.0,   0.2,   0.2,   1.5);   (560122.0, 4191038.0,   0.0,   0.0,
1.5);
 (560142.0, 4191038.0,   0.0,   0.0,   1.5);   (560162.0, 4191038.0,   0.0,   0.0,
1.5);
 (560182.0, 4191038.0,   0.0,   0.0,   1.5);   (560202.0, 4191038.0,   0.0,   0.0,
1.5);
 (560222.0, 4191038.0,   0.0,   0.0,   1.5);   (560242.0, 4191038.0,   0.0,   0.0,
1.5);
 (560262.0, 4191038.0,   0.0,   0.0,   1.5);   (560282.0, 4191038.0,   0.0,   0.0,
1.5);
 (560302.0, 4191038.0,   0.0,   0.0,   1.5);   (560322.0, 4191038.0,   0.0,   0.0,
1.5);
 (560342.0, 4191038.0,   0.0,   0.0,   1.5);   (560362.0, 4191038.0,   0.0,   0.0,
1.5);
 (560382.0, 4191038.0,   0.0,   0.0,   1.5);   (560402.0, 4191038.0,   0.1,   0.1,
1.5);
 (560422.0, 4191038.0,   0.3,   0.3,   1.5);   (560442.0, 4191038.0,   0.3,   0.3,
1.5);
 (560462.0, 4191038.0,   0.5,   0.5,   1.5);   (560082.0, 4191058.0,   0.4,   0.4,
1.5);
 (560102.0, 4191058.0,   0.0,   0.0,   1.5);   (560122.0, 4191058.0,   0.0,   0.0,
1.5);
 (560142.0, 4191058.0,   0.0,   0.0,   1.5);   (560162.0, 4191058.0,   0.0,   0.0,
1.5);
 (560182.0, 4191058.0,   0.0,   0.0,   1.5);   (560202.0, 4191058.0,   0.0,   0.0,
1.5);
 (560222.0, 4191058.0,   0.0,   0.0,   1.5);   (560242.0, 4191058.0,   0.0,   0.0,
1.5);
 (560262.0, 4191058.0,   0.0,   0.0,   1.5);   (560282.0, 4191058.0,   0.0,   0.0,
1.5);
 (560302.0, 4191058.0,   0.0,   0.0,   1.5);   (560322.0, 4191058.0,   0.0,   0.0,
1.5);
 (560342.0, 4191058.0,   0.0,   0.0,   1.5);   (560362.0, 4191058.0,   0.0,   0.0,
1.5);
 (560382.0, 4191058.0,   0.0,   0.0,   1.5);   (560402.0, 4191058.0,   0.0,   0.0,
1.5);
 (560422.0, 4191058.0,   0.0,   0.0,   1.5);   (560442.0, 4191058.0,   0.0,   0.0,
1.5);
 (560462.0, 4191058.0,   0.2,   0.2,   1.5);   (560082.0, 4191078.0,   0.4,   0.4,
1.5);
 (560102.0, 4191078.0,   0.0,   0.0,   1.5);   (560122.0, 4191078.0,   0.0,   0.0,
1.5);

(560142.0, 4191078.0, 0.0, 0.0, 1.5); (560162.0, 4191078.0, 0.0, 0.0, 1.5);
(560182.0, 4191078.0, 0.0, 0.0, 1.5); (560202.0, 4191078.0, 0.0, 0.0, 1.5);
(560222.0, 4191078.0, 0.0, 0.0, 1.5); (560242.0, 4191078.0, 0.0, 0.0, 1.5);
(560262.0, 4191078.0, 0.0, 0.0, 1.5); (560282.0, 4191078.0, 0.0, 0.0, 1.5);
(560302.0, 4191078.0, 0.0, 0.0, 1.5); (560322.0, 4191078.0, 0.0, 0.0, 1.5);
(560342.0, 4191078.0, 0.0, 0.0, 1.5); (560362.0, 4191078.0, 0.0, 0.0, 1.5);

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(560382.0, 4191078.0, 0.0, 0.0, 1.5); (560402.0, 4191078.0, 0.0, 0.0, 1.5);
(560422.0, 4191078.0, 0.0, 0.0, 1.5); (560442.0, 4191078.0, 0.0, 0.0, 1.5);
(560462.0, 4191078.0, 0.0, 0.0, 1.5); (560482.0, 4191078.0, 0.0, 0.0, 1.5);
(560502.0, 4191078.0, 0.0, 0.0, 1.5); (560082.0, 4191098.0, 0.4, 0.4, 1.5);
(560102.0, 4191098.0, 0.0, 0.0, 1.5); (560122.0, 4191098.0, 0.0, 0.0, 1.5);
(560142.0, 4191098.0, 0.0, 0.0, 1.5); (560162.0, 4191098.0, 0.0, 0.0, 1.5);
(560182.0, 4191098.0, 0.0, 0.0, 1.5); (560202.0, 4191098.0, 0.0, 0.0, 1.5);
(560222.0, 4191098.0, 0.0, 0.0, 1.5); (560242.0, 4191098.0, 0.0, 0.0, 1.5);
(560262.0, 4191098.0, 0.0, 0.0, 1.5); (560282.0, 4191098.0, 0.0, 0.0, 1.5);
(560302.0, 4191098.0, 0.0, 0.0, 1.5); (560322.0, 4191098.0, 0.0, 0.0, 1.5);
(560342.0, 4191098.0, 0.0, 0.0, 1.5); (560362.0, 4191098.0, 0.0, 0.0, 1.5);
(560382.0, 4191098.0, 0.0, 0.0, 1.5); (560402.0, 4191098.0, 0.0, 0.0, 1.5);
(560422.0, 4191098.0, 0.0, 0.0, 1.5); (560442.0, 4191098.0, 0.0, 0.0, 1.5);
(560462.0, 4191098.0, 0.0, 0.0, 1.5); (560482.0, 4191098.0, 0.0, 0.0, 1.5);
(560502.0, 4191098.0, 0.0, 0.0, 1.5); (560522.0, 4191098.0, 0.2, 0.2, 1.5);
(560062.0, 4191118.0, 1.0, 1.0, 1.5); (560082.0, 4191118.0, 0.4, 0.4, 1.5);
(560102.0, 4191118.0, 0.0, 0.0, 1.5); (560122.0, 4191118.0, 0.0, 0.0, 1.5);
(560142.0, 4191118.0, 0.0, 0.0, 1.5); (560162.0, 4191118.0, 0.0, 0.0, 1.5);
(560182.0, 4191118.0, 0.0, 0.0, 1.5); (560202.0, 4191118.0, 0.0, 0.0, 1.5);
(560222.0, 4191118.0, 0.0, 0.0, 1.5); (560242.0, 4191118.0, 0.0, 0.0, 1.5);
(560262.0, 4191118.0, 0.0, 0.0, 1.5); (560282.0, 4191118.0, 0.0, 0.0, 1.5);
(560302.0, 4191118.0, 0.0, 0.0, 1.5); (560322.0, 4191118.0, 0.0, 0.0, 1.5);
(560342.0, 4191118.0, 0.0, 0.0, 1.5); (560362.0, 4191118.0, 0.0, 0.0,

1.5);
(560382.0, 4191118.0, 0.0, 0.0, 1.5); (560402.0, 4191118.0, 0.0, 0.0,
1.5);
(560422.0, 4191118.0, 0.0, 0.0, 1.5); (560442.0, 4191118.0, 0.0, 0.0,
1.5);
(560462.0, 4191118.0, 0.0, 0.0, 1.5); (560482.0, 4191118.0, 0.0, 0.0,
1.5);
(560502.0, 4191118.0, 0.0, 0.0, 1.5); (560522.0, 4191118.0, 0.4, 0.4,
1.5);
(560062.0, 4191138.0, 1.0, 1.0, 1.5); (560082.0, 4191138.0, 0.4, 0.4,
1.5);
(560102.0, 4191138.0, 0.0, 0.0, 1.5); (560122.0, 4191138.0, 0.0, 0.0,
1.5);
(560142.0, 4191138.0, 0.0, 0.0, 1.5); (560162.0, 4191138.0, 0.0, 0.0,
1.5);
(560182.0, 4191138.0, 0.0, 0.0, 1.5); (560202.0, 4191138.0, 0.0, 0.0,
1.5);
(560222.0, 4191138.0, 0.0, 0.0, 1.5); (560242.0, 4191138.0, 0.0, 0.0,
1.5);
(560262.0, 4191138.0, 0.0, 0.0, 1.5); (560282.0, 4191138.0, 0.0, 0.0,
1.5);
(560302.0, 4191138.0, 0.0, 0.0, 1.5); (560322.0, 4191138.0, 0.0, 0.0,
1.5);
(560342.0, 4191138.0, 0.0, 0.0, 1.5); (560362.0, 4191138.0, 0.0, 0.0,
1.5);
(560382.0, 4191138.0, 0.0, 0.0, 1.5); (560402.0, 4191138.0, 0.0, 0.0,
1.5);
(560422.0, 4191138.0, 0.0, 0.0, 1.5); (560442.0, 4191138.0, 0.0, 0.0,
1.5);
(560462.0, 4191138.0, 0.0, 0.0, 1.5); (560482.0, 4191138.0, 0.0, 0.0,
1.5);
(560502.0, 4191138.0, 0.1, 0.1, 1.5); (560062.0, 4191158.0, 1.0, 1.0,
1.5);
(560082.0, 4191158.0, 0.4, 0.4, 1.5); (560102.0, 4191158.0, 0.0, 0.0,
1.5);
(560122.0, 4191158.0, 0.0, 0.0, 1.5); (560142.0, 4191158.0, 0.0, 0.0,
1.5);
(560162.0, 4191158.0, 0.0, 0.0, 1.5); (560182.0, 4191158.0, 0.0, 0.0,
1.5);
(560202.0, 4191158.0, 0.0, 0.0, 1.5); (560222.0, 4191158.0, 0.0, 0.0,
1.5);
(560242.0, 4191158.0, 0.0, 0.0, 1.5); (560262.0, 4191158.0, 0.0, 0.0,
1.5);
(560282.0, 4191158.0, 0.0, 0.0, 1.5); (560302.0, 4191158.0, 0.0, 0.0,
1.5);

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(560322.0, 4191158.0, 0.0, 0.0, 1.5); (560342.0, 4191158.0, 0.0, 0.0,
1.5);
(560362.0, 4191158.0, 0.0, 0.0, 1.5); (560382.0, 4191158.0, 0.0, 0.0,
1.5);
(560402.0, 4191158.0, 0.0, 0.0, 1.5); (560422.0, 4191158.0, 0.0, 0.0,
1.5);
(560442.0, 4191158.0, 0.0, 0.0, 1.5); (560462.0, 4191158.0, 0.0, 0.0,
1.5);
(560482.0, 4191158.0, 0.0, 0.0, 1.5); (560502.0, 4191158.0, 0.9, 0.9,
1.5);
(560062.0, 4191178.0, 0.6, 0.6, 1.5); (560082.0, 4191178.0, 0.2, 0.2,
1.5);

```
 ( 560102.0, 4191178.0,       0.0,       0.0,       1.5);        ( 560122.0, 4191178.0,       0.0,       0.0,
1.5);
 ( 560142.0, 4191178.0,       0.0,       0.0,       1.5);        ( 560162.0, 4191178.0,       0.0,       0.0,
1.5);
 ( 560182.0, 4191178.0,       0.0,       0.0,       1.5);        ( 560202.0, 4191178.0,       0.0,       0.0,
1.5);
 ( 560222.0, 4191178.0,       0.0,       0.0,       1.5);        ( 560242.0, 4191178.0,       0.0,       0.0,
1.5);
 ( 560322.0, 4191178.0,       0.0,       0.0,       1.5);        ( 560342.0, 4191178.0,       0.0,       0.0,
1.5);
 ( 560362.0, 4191178.0,       0.0,       0.0,       1.5);        ( 560382.0, 4191178.0,       0.0,       0.0,
1.5);
 ( 560402.0, 4191178.0,       0.0,       0.0,       1.5);        ( 560422.0, 4191178.0,       0.0,       0.0,
1.5);
 ( 560442.0, 4191178.0,       0.0,       0.0,       1.5);        ( 560462.0, 4191178.0,       0.0,       0.0,
1.5);
 ( 560482.0, 4191178.0,       0.0,       0.0,       1.5);        ( 560502.0, 4191178.0,       1.2,       1.2,
1.5);
 ( 560062.0, 4191198.0,       0.0,       0.0,       1.5);        ( 560082.0, 4191198.0,       0.0,       0.0,
1.5);
 ( 560102.0, 4191198.0,       0.0,       0.0,       1.5);        ( 560122.0, 4191198.0,       0.0,       0.0,
1.5);
 ( 560142.0, 4191198.0,       0.0,       0.0,       1.5);        ( 560162.0, 4191198.0,       0.0,       0.0,
1.5);
 ( 560182.0, 4191198.0,       0.0,       0.0,       1.5);        ( 560202.0, 4191198.0,       0.0,       0.0,
1.5);
 ( 560222.0, 4191198.0,       0.0,       0.0,       1.5);        ( 560362.0, 4191198.0,       0.0,       0.0,
1.5);
 ( 560382.0, 4191198.0,       0.0,       0.0,       1.5);        ( 560402.0, 4191198.0,       0.0,       0.0,
1.5);
 ( 560422.0, 4191198.0,       0.0,       0.0,       1.5);        ( 560442.0, 4191198.0,       0.0,       0.0,
1.5);
 ( 560462.0, 4191198.0,       0.0,       0.0,       1.5);        ( 560482.0, 4191198.0,       0.1,       0.1,
1.5);
 ( 560042.0, 4191218.0,       0.2,       0.2,       1.5);        ( 560062.0, 4191218.0,       0.0,       0.0,
1.5);
 ( 560082.0, 4191218.0,       0.0,       0.0,       1.5);        ( 560102.0, 4191218.0,       0.0,       0.0,
1.5);
 ( 560122.0, 4191218.0,       0.0,       0.0,       1.5);        ( 560142.0, 4191218.0,       0.0,       0.0,
1.5);
 ( 560162.0, 4191218.0,       0.0,       0.0,       1.5);        ( 560182.0, 4191218.0,       0.0,       0.0,
1.5);
 ( 560202.0, 4191218.0,       0.0,       0.0,       1.5);        ( 560222.0, 4191218.0,       0.0,       0.0,
1.5);
 ( 560342.0, 4191218.0,       0.0,       0.0,       1.5);        ( 560362.0, 4191218.0,       0.0,       0.0,
1.5);
 ( 560382.0, 4191218.0,       0.0,       0.0,       1.5);        ( 560402.0, 4191218.0,       0.0,       0.0,
1.5);
 ( 560422.0, 4191218.0,       0.0,       0.0,       1.5);        ( 560442.0, 4191218.0,       0.0,       0.0,
1.5);
 ( 560462.0, 4191218.0,       0.2,       0.2,       1.5);        ( 560482.0, 4191218.0,       0.7,       0.7,
1.5);
 ( 560082.0, 4191238.0,       0.0,       0.0,       1.5);        ( 560102.0, 4191238.0,       0.0,       0.0,
1.5);
 ( 560122.0, 4191238.0,       0.0,       0.0,       1.5);        ( 560142.0, 4191238.0,       0.0,       0.0,
1.5);
 ( 560162.0, 4191238.0,       0.0,       0.0,       1.5);        ( 560182.0, 4191238.0,       0.0,       0.0,
1.5);
 ( 560202.0, 4191238.0,       0.0,       0.0,       1.5);        ( 560222.0, 4191238.0,       0.0,       0.0,
1.5);
 ( 560342.0, 4191238.0,       0.0,       0.0,       1.5);        ( 560362.0, 4191238.0,       0.0,       0.0,
1.5);
 ( 560382.0, 4191238.0,       0.0,       0.0,       1.5);        ( 560402.0, 4191238.0,       0.0,       0.0,
1.5);
 ( 560422.0, 4191238.0,       0.0,       0.0,       1.5);        ( 560442.0, 4191238.0,       0.0,       0.0,
1.5);
 ( 560462.0, 4191238.0,       0.4,       0.4,       1.5);        ( 560182.0, 4191258.0,       0.0,       0.0,
1.5);
 ( 560202.0, 4191258.0,       0.0,       0.0,       1.5);        ( 560322.0, 4191258.0,       0.0,       0.0,
```

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(560342.0, 4191258.0, 0.0, 0.0, 1.5); (560362.0, 4191258.0, 0.0, 0.0, 1.5);
(560382.0, 4191258.0, 0.0, 0.0, 1.5); (560402.0, 4191258.0, 0.0, 0.0, 1.5);
(560422.0, 4191258.0, 0.0, 0.0, 1.5); (560442.0, 4191258.0, 0.0, 0.0, 1.5);
(560462.0, 4191258.0, 0.6, 0.6, 1.5); (560322.0, 4191278.0, 0.0, 0.0, 1.5);
(560342.0, 4191278.0, 0.0, 0.0, 1.5); (560362.0, 4191278.0, 0.0, 0.0, 1.5);
(560382.0, 4191278.0, 0.0, 0.0, 1.5); (560402.0, 4191278.0, 0.0, 0.0, 1.5);
(560422.0, 4191278.0, 0.0, 0.0, 1.5); (560442.0, 4191278.0, 0.5, 0.5, 1.5);
(559982.0, 4191298.0, 0.4, 0.4, 1.5); (560002.0, 4191298.0, 0.0, 0.0, 1.5);
(560022.0, 4191298.0, 0.0, 0.0, 1.5); (560042.0, 4191298.0, 0.0, 0.0, 1.5);
(560062.0, 4191298.0, 0.0, 0.0, 1.5); (560302.0, 4191298.0, 0.0, 0.0, 1.5);
(560322.0, 4191298.0, 0.0, 0.0, 1.5); (560342.0, 4191298.0, 0.0, 0.0, 1.5);
(560362.0, 4191298.0, 0.0, 0.0, 1.5); (560382.0, 4191298.0, 0.0, 0.0, 1.5);
(560402.0, 4191298.0, 0.0, 0.0, 1.5); (560422.0, 4191298.0, 0.0, 0.0, 1.5);
(560442.0, 4191298.0, 0.9, 0.9, 1.5); (559962.0, 4191318.0, 0.4, 0.4, 1.5);
(559982.0, 4191318.0, 0.0, 0.0, 1.5); (560002.0, 4191318.0, 0.0, 0.0, 1.5);
(560022.0, 4191318.0, 0.0, 0.0, 1.5); (560042.0, 4191318.0, 0.0, 0.0, 1.5);
(560062.0, 4191318.0, 0.0, 0.0, 1.5); (560082.0, 4191318.0, 0.0, 0.0, 1.5);
(560102.0, 4191318.0, 0.0, 0.0, 1.5); (560122.0, 4191318.0, 0.0, 0.0, 1.5);
(560142.0, 4191318.0, 0.0, 0.0, 1.5); (560162.0, 4191318.0, 0.0, 0.0, 1.5);
(560302.0, 4191318.0, 0.0, 0.0, 1.5); (560322.0, 4191318.0, 0.0, 0.0, 1.5);
(560342.0, 4191318.0, 0.0, 0.0, 1.5); (560362.0, 4191318.0, 0.0, 0.0, 1.5);
(560382.0, 4191318.0, 0.0, 0.0, 1.5); (560402.0, 4191318.0, 0.0, 0.0, 1.5);
(560422.0, 4191318.0, 0.0, 0.0, 1.5); (559962.0, 4191338.0, 0.4, 0.4, 1.5);
(559982.0, 4191338.0, 0.0, 0.0, 1.5); (560002.0, 4191338.0, 0.0, 0.0, 1.5);
(560022.0, 4191338.0, 0.0, 0.0, 1.5); (560042.0, 4191338.0, 0.0, 0.0, 1.5);
(560062.0, 4191338.0, 0.0, 0.0, 1.5); (560082.0, 4191338.0, 0.0, 0.0, 1.5);
(560102.0, 4191338.0, 0.0, 0.0, 1.5); (560122.0, 4191338.0, 0.0, 0.0, 1.5);
(560142.0, 4191338.0, 0.0, 0.0, 1.5); (560162.0, 4191338.0, 0.0, 0.0, 1.5);

(560182.0, 4191338.0, 0.0, 0.0, 1.5); (560202.0, 4191338.0, 0.0, 0.0, 1.5);
(560222.0, 4191338.0, 0.0, 0.0, 1.5); (560242.0, 4191338.0, 0.0, 0.0, 1.5);
(560302.0, 4191338.0, 0.0, 0.0, 1.5); (560322.0, 4191338.0, 0.0, 0.0, 1.5);
(560342.0, 4191338.0, 0.0, 0.0, 1.5); (560362.0, 4191338.0, 0.0, 0.0, 1.5);
(560382.0, 4191338.0, 0.0, 0.0, 1.5); (560402.0, 4191338.0, 0.0, 0.0, 1.5);
(560422.0, 4191338.0, 0.0, 0.0, 1.5); (559962.0, 4191358.0, 0.4, 0.4, 1.5);
(559982.0, 4191358.0, 0.0, 0.0, 1.5); (560002.0, 4191358.0, 0.0, 0.0, 1.5);
(560022.0, 4191358.0, 0.0, 0.0, 1.5); (560042.0, 4191358.0, 0.0, 0.0, 1.5);
(560062.0, 4191358.0, 0.0, 0.0, 1.5); (560082.0, 4191358.0, 0.0, 0.0, 1.5);
(560102.0, 4191358.0, 0.0, 0.0, 1.5); (560122.0, 4191358.0, 0.0, 0.0, 1.5);
(560142.0, 4191358.0, 0.0, 0.0, 1.5); (560162.0, 4191358.0, 0.0, 0.0, 1.5);
(560182.0, 4191358.0, 0.0, 0.0, 1.5); (560202.0, 4191358.0, 0.0, 0.0, 1.5);
(560222.0, 4191358.0, 0.0, 0.0, 1.5); (560242.0, 4191358.0, 0.0, 0.0, 1.5);
(560262.0, 4191358.0, 0.0, 0.0, 1.5); (560282.0, 4191358.0, 0.0, 0.0, 1.5);
(560302.0, 4191358.0, 0.0, 0.0, 1.5); (560322.0, 4191358.0, 0.0, 0.0, 1.5);
(560342.0, 4191358.0, 0.0, 0.0, 1.5); (560362.0, 4191358.0, 0.0, 0.0, 1.5);
(560382.0, 4191358.0, 0.2, 0.2, 1.5); (560402.0, 4191358.0, 0.4, 0.4, 1.5);
(559962.0, 4191378.0, 0.4, 0.4, 1.5); (559982.0, 4191378.0, 0.0, 0.0, 1.5);
(560002.0, 4191378.0, 0.0, 0.0, 1.5); (560022.0, 4191378.0, 0.0, 0.0, 1.5);
(560042.0, 4191378.0, 0.0, 0.0, 1.5); (560062.0, 4191378.0, 0.0, 0.0, 1.5);
(560082.0, 4191378.0, 0.0, 0.0, 1.5); (560102.0, 4191378.0, 0.0, 0.0, 1.5);

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(560122.0, 4191378.0, 0.0, 0.0, 1.5); (560142.0, 4191378.0, 0.0, 0.0, 1.5);
(560162.0, 4191378.0, 0.0, 0.0, 1.5); (560182.0, 4191378.0, 0.0, 0.0, 1.5);
(560202.0, 4191378.0, 0.0, 0.0, 1.5); (560222.0, 4191378.0, 0.0, 0.0, 1.5);
(560242.0, 4191378.0, 0.0, 0.0, 1.5); (560262.0, 4191378.0, 0.0, 0.0, 1.5);
(560282.0, 4191378.0, 0.0, 0.0, 1.5); (560302.0, 4191378.0, 0.1, 0.1, 1.5);
(560322.0, 4191378.0, 0.1, 0.1, 1.5); (560342.0, 4191378.0, 0.1, 0.1, 1.5);
(559982.0, 4191398.0, 0.0, 0.0, 1.5); (560002.0, 4191398.0, 0.0, 0.0, 1.5);
(560022.0, 4191398.0, 0.0, 0.0, 1.5); (560042.0, 4191398.0, 0.0, 0.0,

1.5);
 (560062.0, 4191398.0,   0.0,   0.0,   1.5);   (560082.0, 4191398.0,   0.0,   0.0,
1.5);
 (560102.0, 4191398.0,   0.0,   0.0,   1.5);   (560122.0, 4191398.0,   0.0,   0.0,
1.5);
 (560142.0, 4191398.0,   0.0,   0.0,   1.5);   (560162.0, 4191398.0,   0.0,   0.0,
1.5);
 (560182.0, 4191398.0,   0.0,   0.0,   1.5);   (560202.0, 4191398.0,   0.0,   0.0,
1.5);
 (560222.0, 4191398.0,   0.0,   0.0,   1.5);   (560242.0, 4191398.0,   0.0,   0.0,
1.5);
 (560262.0, 4191398.0,   0.0,   0.0,   1.5);   (560282.0, 4191398.0,   0.2,   0.2,
1.5);
 (559982.0, 4191418.0,   0.4,   0.4,   1.5);   (560002.0, 4191418.0,   0.4,   0.4,
1.5);
 (560022.0, 4191418.0,   0.2,   0.2,   1.5);   (560042.0, 4191418.0,   0.0,   0.0,
1.5);
 (560062.0, 4191418.0,   0.0,   0.0,   1.5);   (560082.0, 4191418.0,   0.0,   0.0,
1.5);
 (560102.0, 4191418.0,   0.0,   0.0,   1.5);   (560122.0, 4191418.0,   0.0,   0.0,
1.5);
 (560142.0, 4191418.0,   0.0,   0.0,   1.5);   (560162.0, 4191418.0,   0.0,   0.0,
1.5);
 (560182.0, 4191418.0,   0.0,   0.0,   1.5);   (560202.0, 4191418.0,   0.0,   0.0,
1.5);
 (560222.0, 4191418.0,   0.0,   0.0,   1.5);   (560242.0, 4191418.0,   0.0,   0.0,
1.5);
 (560262.0, 4191418.0,   0.0,   0.0,   1.5);   (560002.0, 4191438.0,   1.1,   1.1,
1.5);
 (560022.0, 4191438.0,   0.5,   0.5,   1.5);   (560042.0, 4191438.0,   0.1,   0.1,
1.5);
 (560062.0, 4191438.0,   0.0,   0.0,   1.5);   (560082.0, 4191438.0,   0.0,   0.0,
1.5);
 (560102.0, 4191438.0,   0.0,   0.0,   1.5);   (560122.0, 4191438.0,   0.0,   0.0,
1.5);
 (560142.0, 4191438.0,   0.0,   0.0,   1.5);   (560162.0, 4191438.0,   0.0,   0.0,
1.5);
 (560182.0, 4191438.0,   0.0,   0.0,   1.5);   (560202.0, 4191438.0,   0.0,   0.0,
1.5);
 (560222.0, 4191438.0,   0.0,   0.0,   1.5);   (560242.0, 4191438.0,   0.0,   0.0,
1.5);
 (560262.0, 4191438.0,   0.0,   0.0,   1.5);   (560042.0, 4191458.0,   1.0,   1.0,
1.5);
 (560062.0, 4191458.0,   0.1,   0.1,   1.5);   (560082.0, 4191458.0,   0.0,   0.0,
1.5);
 (560102.0, 4191458.0,   0.0,   0.0,   1.5);   (560122.0, 4191458.0,   0.0,   0.0,
1.5);
 (560142.0, 4191458.0,   0.0,   0.0,   1.5);   (560162.0, 4191458.0,   0.0,   0.0,
1.5);
 (560182.0, 4191458.0,   0.0,   0.0,   1.5);   (560202.0, 4191458.0,   0.0,   0.0,
1.5);
 (560222.0, 4191458.0,   0.0,   0.0,   1.5);   (560242.0, 4191458.0,   0.0,   0.0,
1.5);
 (560262.0, 4191458.0,   0.5,   0.5,   1.5);   (560142.0, 4191478.0,   0.5,   0.5,
1.5);
 (560162.0, 4191478.0,   0.4,   0.4,   1.5);   (560182.0, 4191478.0,   0.4,   0.4,
1.5);
 (560202.0, 4191478.0,   0.2,   0.2,   1.5);   (560222.0, 4191478.0,   0.0,   0.0,
1.5);
 (560242.0, 4191478.0,   0.0,   0.0,   1.5);   (560155.0, 4190663.0,   1.0,   1.0,
1.5);
 (560175.0, 4190663.0,   1.0,   1.0,   1.5);   (560115.0, 4190683.0,   2.0,   2.0,
1.5);
 (560135.0, 4190683.0,   1.6,   1.6,   1.5);   (560155.0, 4190683.0,   1.0,   1.0,
1.5);
 (560175.0, 4190683.0,   1.0,   1.0,   1.5);   (560095.0, 4190703.0,   2.0,   2.0,
1.5);
 (560115.0, 4190703.0,   2.0,   2.0,   1.5);   (560135.0, 4190703.0,   1.6,   1.6,
1.5);

(560155.0, 4190703.0, 1.0, 1.0, 1.5); (560175.0, 4190703.0, 1.0, 1.0, 1.5);
(560095.0, 4190723.0, 2.0, 2.0, 1.5); (560115.0, 4190723.0, 2.0, 2.0, 1.5);
(560135.0, 4190723.0, 1.6, 1.6, 1.5); (560155.0, 4190723.0, 1.0, 1.0, 1.5);

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(560175.0, 4190723.0, 1.0, 1.0, 1.5); (560195.0, 4190723.0, 1.0, 1.0, 1.5);
(560095.0, 4190743.0, 2.0, 2.0, 1.5); (560115.0, 4190743.0, 2.0, 2.0, 1.5);
(560135.0, 4190743.0, 1.6, 1.6, 1.5); (560155.0, 4190743.0, 1.0, 1.0, 1.5);
(560175.0, 4190743.0, 1.0, 1.0, 1.5); (560195.0, 4190743.0, 1.0, 1.0, 1.5);
(560075.0, 4190763.0, 2.0, 2.0, 1.5); (560095.0, 4190763.0, 2.0, 2.0, 1.5);
(560115.0, 4190763.0, 2.0, 2.0, 1.5); (560135.0, 4190763.0, 1.6, 1.6, 1.5);
(560155.0, 4190763.0, 1.0, 1.0, 1.5); (560175.0, 4190763.0, 1.0, 1.0, 1.5);
(560195.0, 4190763.0, 1.0, 1.0, 1.5); (560215.0, 4190763.0, 1.0, 1.0, 1.5);
(560075.0, 4190783.0, 2.0, 2.0, 1.5); (560095.0, 4190783.0, 2.0, 2.0, 1.5);
(560115.0, 4190783.0, 2.0, 2.0, 1.5); (560135.0, 4190783.0, 1.6, 1.6, 1.5);
(560155.0, 4190783.0, 1.0, 1.0, 1.5); (560175.0, 4190783.0, 1.0, 1.0, 1.5);
(560195.0, 4190783.0, 1.0, 1.0, 1.5); (560215.0, 4190783.0, 1.0, 1.0, 1.5);
(560235.0, 4190783.0, 1.0, 1.0, 1.5); (560075.0, 4190803.0, 2.0, 2.0, 1.5);
(560095.0, 4190803.0, 2.0, 2.0, 1.5); (560115.0, 4190803.0, 2.0, 2.0, 1.5);
(560135.0, 4190803.0, 1.6, 1.6, 1.5); (560155.0, 4190803.0, 1.0, 1.0, 1.5);
(560175.0, 4190803.0, 1.0, 1.0, 1.5); (560195.0, 4190803.0, 1.0, 1.0, 1.5);
(560215.0, 4190803.0, 1.0, 1.0, 1.5); (560235.0, 4190803.0, 1.0, 1.0, 1.5);
(560255.0, 4190803.0, 1.0, 1.0, 1.5); (560275.0, 4190803.0, 0.9, 0.9, 1.5);
(560075.0, 4190823.0, 2.0, 2.0, 1.5); (560095.0, 4190823.0, 2.0, 2.0, 1.5);
(560115.0, 4190823.0, 2.0, 2.0, 1.5); (560135.0, 4190823.0, 1.8, 1.8, 1.5);
(560155.0, 4190823.0, 1.5, 1.5, 1.5); (560175.0, 4190823.0, 1.2, 1.2, 1.5);
(560195.0, 4190823.0, 1.0, 1.0, 1.5); (560215.0, 4190823.0, 1.0, 1.0, 1.5);
(560235.0, 4190823.0, 1.0, 1.0, 1.5); (560255.0, 4190823.0, 1.0, 1.0, 1.5);
(560275.0, 4190823.0, 1.0, 1.0, 1.5); (560295.0, 4190823.0, 1.0, 1.0, 1.5);
(560315.0, 4190823.0, 0.8, 0.8, 1.5); (560115.0, 4190843.0, 2.0, 2.0, 1.5);
(560135.0, 4190843.0, 1.9, 1.9, 1.5); (560155.0, 4190843.0, 1.8, 1.8,

```
   1.5);
    ( 560175.0, 4190843.0,       1.4,       1.4,       1.5);        ( 560195.0, 4190843.0,       1.1,       1.1,
   1.5);
    ( 560215.0, 4190843.0,       1.0,       1.0,       1.5);        ( 560235.0, 4190843.0,       1.0,       1.0,
   1.5);
    ( 560255.0, 4190843.0,       1.0,       1.0,       1.5);        ( 560275.0, 4190843.0,       1.0,       1.0,
   1.5);
    ( 560295.0, 4190843.0,       1.0,       1.0,       1.5);        ( 560315.0, 4190843.0,       1.0,       1.0,
   1.5);
    ( 560335.0, 4190843.0,       1.0,       1.0,       1.5);        ( 560195.0, 4190863.0,       1.5,       1.5,
   1.5);
    ( 560215.0, 4190863.0,       1.0,       1.0,       1.5);        ( 560235.0, 4190863.0,       1.0,       1.0,
   1.5);
    ( 560255.0, 4190863.0,       1.0,       1.0,       1.5);        ( 560275.0, 4190863.0,       1.0,       1.0,
   1.5);
    ( 560295.0, 4190863.0,       1.0,       1.0,       1.5);        ( 560315.0, 4190863.0,       1.0,       1.0,
   1.5);
    ( 560335.0, 4190863.0,       1.0,       1.0,       1.5);        ( 560075.0, 4190883.0,       2.0,       2.0,
   1.5);
    ( 560095.0, 4190883.0,       2.0,       2.0,       1.5);        ( 560115.0, 4190883.0,       2.0,       2.0,
   1.5);
    ( 560255.0, 4190883.0,       1.0,       1.0,       1.5);        ( 560275.0, 4190883.0,       1.0,       1.0,
   1.5);
    ( 560295.0, 4190883.0,       1.0,       1.0,       1.5);        ( 560315.0, 4190883.0,       1.0,       1.0,
   1.5);
    ( 560335.0, 4190883.0,       1.0,       1.0,       1.5);

 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

  PAGE 621
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

                      * SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
                        LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

                            SOURCE          - - RECEPTOR LOCATION - -         DISTANCE
                              ID            XR (METERS)   YR (METERS)         (METERS)
                          - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

                           L0000688           559917.3     4190865.2           -8.65
                           L0000688           559917.3     4190885.2          -17.59
                           L0000688           559917.3     4190905.2          -11.33
                           L0000689           559917.3     4190845.2           -6.43
                           L0000689           559937.3     4190845.2           -2.59
                           L0000689           559917.3     4190865.2          -26.21
                           L0000689           559937.3     4190865.2          -18.48
                           L0000689           559957.3     4190865.2           -0.81
                           L0000689           559917.3     4190885.2          -32.67
                           L0000689           559937.3     4190885.2          -21.93
                           L0000689           559957.3     4190885.2           -2.59
                           L0000689           559917.3     4190905.2          -13.21
                           L0000689           559937.3     4190905.2           -8.53
                           L0000690           559917.3     4190805.2           -1.52
                           L0000690           559937.3     4190805.2           -4.39
                           L0000690           559917.3     4190825.2          -18.35
                           L0000690           559937.3     4190825.2          -24.00
                           L0000690           559957.3     4190825.2          -10.95
                           L0000690           559917.3     4190845.2          -23.97
                           L0000690           559937.3     4190845.2          -33.34
                           L0000690           559957.3     4190845.2          -14.85
                           L0000690           559917.3     4190865.2          -10.92
                           L0000690           559937.3     4190865.2          -14.84
                           L0000690           559957.3     4190865.2           -5.06
                           L0000691           559937.3     4190765.2           -2.08
                           L0000691           559957.3     4190765.2           -0.75
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L0000691	559917.3	4190785.2	-7.62
L0000691	559937.3	4190785.2	-21.27
L0000691	559957.3	4190785.2	-18.71
L0000691	559977.3	4190785.2	-3.18
L0000691	559917.3	4190805.2	-12.41
L0000691	559937.3	4190805.2	-32.03
L0000691	559957.3	4190805.2	-27.11
L0000691	559977.3	4190805.2	-7.30
L0000691	559917.3	4190825.2	-4.30
L0000691	559937.3	4190825.2	-15.98
L0000691	559957.3	4190825.2	-13.94
L0000691	559977.3	4190825.2	-0.22
L0000692	559957.3	4190725.2	-0.93
L0000692	559937.3	4190745.2	-12.68

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0000692	559957.3	4190745.2	-20.93
L0000692	559977.3	4190745.2	-12.05
L0000692	559917.3	4190765.2	-0.41
L0000692	559937.3	4190765.2	-20.40
L0000692	559957.3	4190765.2	-38.95
L0000692	559977.3	4190765.2	-19.53
L0000692	559997.3	4190765.2	0.46
L0000692	559937.3	4190785.2	-11.33
L0000692	559957.3	4190785.2	-19.04
L0000692	559977.3	4190785.2	-10.73
L0000692	559957.3	4190805.2	0.96
L0000693	559937.3	4190705.2	-2.00
L0000693	559957.3	4190705.2	-16.01
L0000693	559977.3	4190705.2	-17.46
L0000693	559997.3	4190705.2	-4.78
L0000693	559937.3	4190725.2	-8.28
L0000693	559957.3	4190725.2	-28.26
L0000693	559977.3	4190725.2	-31.63
L0000693	559997.3	4190725.2	-11.67
L0000693	559937.3	4190745.2	-3.01
L0000693	559957.3	4190745.2	-17.63
L0000693	559977.3	4190745.2	-19.20
L0000693	559997.3	4190745.2	-5.87
L0000693	559957.3	4190765.2	0.78
L0000693	559977.3	4190765.2	-0.06
L0000694	559957.3	4190665.2	-7.00
L0000694	559977.3	4190665.2	-16.85
L0000694	559997.3	4190665.2	-12.01
L0000694	559957.3	4190685.2	-16.00
L0000694	559977.3	4190685.2	-35.24
L0000694	559997.3	4190685.2	-23.57
L0000694	560017.3	4190685.2	-3.70
L0000694	559957.3	4190705.2	-10.62
L0000694	559977.3	4190705.2	-22.39
L0000694	559997.3	4190705.2	-16.39
L0000694	560017.3	4190705.2	0.06
L0000694	559977.3	4190725.2	-2.62
L0000694	559997.3	4190725.2	0.55
L0000695	559937.3	4190645.2	0.50

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SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0000695	559977.3	4190645.2	-27.63
L0000695	559997.3	4190645.2	-15.31
L0000695	559937.3	4190665.2	-0.64
L0000695	559957.3	4190665.2	-19.86
L0000695	559977.3	4190665.2	-32.14
L0000695	559997.3	4190665.2	-17.23
L0000695	559957.3	4190685.2	-6.61
L0000695	559977.3	4190685.2	-12.23
L0000695	559997.3	4190685.2	-4.96
L0000696	559917.3	4190645.2	-17.09
L0000696	559937.3	4190645.2	-34.65
L0000696	559957.3	4190645.2	-21.76
L0000696	559977.3	4190645.2	-2.09
L0000696	559917.3	4190665.2	-6.60
L0000696	559937.3	4190665.2	-15.11
L0000696	559957.3	4190665.2	-9.61
L0000697	559917.3	4190645.2	-14.18
L0000697	559937.3	4190645.2	0.23
L0000751	559917.3	4190685.2	-15.50
L0000751	559937.3	4190685.2	0.44
L0000751	559917.3	4190705.2	-24.07
L0000751	559937.3	4190705.2	-4.10
L0000751	559917.3	4190725.2	-13.40
L0000752	559917.3	4190705.2	-17.87
L0000752	559937.3	4190705.2	-10.20
L0000752	559917.3	4190725.2	-37.87
L0000752	559937.3	4190725.2	-19.93
L0000752	559957.3	4190725.2	0.02
L0000752	559917.3	4190745.2	-22.11
L0000752	559937.3	4190745.2	-13.20
L0000752	559917.3	4190765.2	-2.11
L0000753	559917.3	4190745.2	-14.40
L0000753	559917.3	4190765.2	-21.09
L0000753	559937.3	4190765.2	-1.18
L0000753	559917.3	4190785.2	-10.67
L0000754	559917.3	4190785.2	-0.38
L0000754	559917.3	4190805.2	-1.80
L0000850	559977.3	4190765.2	-11.97
L0000850	559997.3	4190765.2	-18.95
L0000850	560017.3	4190765.2	-9.98

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SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0000850	559957.3	4190785.2	-1.43
L0000850	559977.3	4190785.2	-21.41
L0000850	559997.3	4190785.2	-38.23
L0000850	560017.3	4190785.2	-18.52
L0000850	559977.3	4190805.2	-13.43
L0000850	559997.3	4190805.2	-20.93
L0000850	560017.3	4190805.2	-11.33
L0000850	559997.3	4190825.2	-0.96
L0000851	559937.3	4190745.2	-7.57
L0000851	559957.3	4190745.2	-16.78
L0000851	559977.3	4190745.2	-11.24
L0000851	559937.3	4190765.2	-16.98
L0000851	559957.3	4190765.2	-35.85
L0000851	559977.3	4190765.2	-22.53
L0000851	559997.3	4190765.2	-2.67
L0000851	559937.3	4190785.2	-11.57
L0000851	559957.3	4190785.2	-22.80
L0000851	559977.3	4190785.2	-15.84
L0000851	559997.3	4190785.2	0.89
L0000851	559957.3	4190805.2	-2.93
L0000851	559977.3	4190805.2	0.77
L0000852	559917.3	4190725.2	-13.92
L0000852	559937.3	4190725.2	-11.76
L0000852	559917.3	4190745.2	-31.29
L0000852	559937.3	4190745.2	-26.08
L0000852	559957.3	4190745.2	-6.66
L0000852	559917.3	4190765.2	-23.50
L0000852	559937.3	4190765.2	-20.25
L0000852	559957.3	4190765.2	-3.83
L0000852	559917.3	4190785.2	-4.38
L0000852	559937.3	4190785.2	-2.76
L0000853	559917.3	4190705.2	-0.50
L0000853	559917.3	4190725.2	-10.43
L0000853	559917.3	4190745.2	-8.55
L0000897	559917.3	4190805.2	-2.78
L0000897	559917.3	4190825.2	-1.20
L0000898	559917.3	4190805.2	-16.68
L0000898	559937.3	4190805.2	-9.27
L0000898	559917.3	4190825.2	-36.68
L0000898	559937.3	4190825.2	-19.70

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
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SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0000898	559957.3	4190825.2	0.17
L0000898	559917.3	4190845.2	-23.29
L0000898	559937.3	4190845.2	-13.92
L0000898	559917.3	4190865.2	-3.29
L0000899	559957.3	4190805.2	-0.23
L0000899	559937.3	4190825.2	-14.36
L0000899	559957.3	4190825.2	-20.08
L0000899	559977.3	4190825.2	-9.39
L0000899	559917.3	4190845.2	-3.48

L0000899	559937.3	4190845.2	-23.48
L0000899	559957.3	4190845.2	-36.48
L0000899	559977.3	4190845.2	-16.50
L0000899	559937.3	4190865.2	-13.75
L0000899	559957.3	4190865.2	-19.30
L0000899	559977.3	4190865.2	-8.88
L0000899	559957.3	4190885.2	0.56
L0000369	560057.3	4190745.2	-5.10
L0000369	560037.3	4190765.2	-7.97
L0000369	560057.3	4190765.2	-24.92
L0000369	560077.3	4190765.2	-10.86
L0000369	560037.3	4190785.2	-3.70
L0000369	560057.3	4190785.2	-14.77
L0000369	560077.3	4190785.2	-6.07
L0000369	560075.0	4190763.0	-12.33
L0000369	560075.0	4190783.0	-9.22
L0000370	560057.3	4190725.2	-12.44
L0000370	560077.3	4190725.2	-10.37
L0000370	560037.3	4190745.2	-1.57
L0000370	560057.3	4190745.2	-20.78
L0000370	560077.3	4190745.2	-17.28
L0000370	560057.3	4190765.2	-4.27
L0000370	560077.3	4190765.2	-2.82
L0000370	560095.0	4190743.0	-0.28
L0000370	560075.0	4190763.0	-5.75
L0000371	560057.3	4190685.2	0.13
L0000371	560077.3	4190685.2	-3.15
L0000371	560057.3	4190705.2	-14.02
L0000371	560077.3	4190705.2	-21.73
L0000371	560097.3	4190705.2	-3.89
L0000371	560057.3	4190725.2	-9.93

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
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SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0000371	560077.3	4190725.2	-15.30
L0000371	560097.3	4190725.2	-1.20
L0000371	560095.0	4190703.0	-5.45
L0000371	560095.0	4190723.0	-4.24
L0000372	560057.3	4190665.2	-2.74
L0000372	560077.3	4190665.2	-12.90
L0000372	560097.3	4190665.2	-4.66
L0000372	560057.3	4190685.2	-8.53
L0000372	560077.3	4190685.2	-26.78
L0000372	560097.3	4190685.2	-11.02
L0000372	560077.3	4190705.2	-7.00
L0000372	560097.3	4190705.2	-0.36
L0000372	560095.0	4190703.0	-3.49
L0000373	560057.3	4190645.2	-1.08
L0000373	560077.3	4190645.2	-18.94
L0000373	560097.3	4190645.2	-15.57
L0000373	560057.3	4190665.2	0.42
L0000373	560077.3	4190665.2	-15.47
L0000373	560097.3	4190665.2	-12.76
L0000374	560077.3	4190645.2	-4.10
L0000374	560097.3	4190645.2	-7.80
L0000391	560177.3	4190645.2	-4.02

L0000392	560137.3	4190645.2	-4.85
L0000392	560157.3	4190645.2	-23.66
L0000392	560177.3	4190645.2	-14.25
L0000392	560157.3	4190665.2	-5.40
L0000392	560177.3	4190665.2	-1.49
L0000392	560155.0	4190663.0	-6.92
L0000392	560175.0	4190663.0	-4.54
L0000393	560117.3	4190645.2	-7.26
L0000393	560137.3	4190645.2	-18.14
L0000393	560157.3	4190645.2	-6.24
L0000393	560117.3	4190665.2	-8.94
L0000393	560137.3	4190665.2	-21.81
L0000393	560157.3	4190665.2	-7.84
L0000393	560137.3	4190685.2	-1.83
L0000393	560155.0	4190663.0	-10.74
L0000393	560135.0	4190683.0	-3.95
L0000394	560117.3	4190645.2	-1.55
L0000394	560097.3	4190665.2	-13.96

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SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0000394	560117.3	4190665.2	-20.15
L0000394	560137.3	4190665.2	-2.85
L0000394	560097.3	4190685.2	-11.42
L0000394	560117.3	4190685.2	-16.40
L0000394	560137.3	4190685.2	-1.28
L0000394	560115.0	4190683.0	-19.31
L0000394	560135.0	4190683.0	-4.26
L0000394	560115.0	4190703.0	0.26
L0000395	560077.3	4190665.2	-5.18
L0000395	560097.3	4190665.2	-4.44
L0000395	560057.3	4190685.2	-0.76
L0000395	560077.3	4190685.2	-20.41
L0000395	560097.3	4190685.2	-18.64
L0000395	560077.3	4190705.2	-10.81
L0000395	560097.3	4190705.2	-9.86
L0000395	560115.0	4190683.0	-0.89
L0000395	560095.0	4190703.0	-12.92
L0000396	560077.3	4190645.2	-9.31
L0000396	560097.3	4190645.2	-15.48
L0000396	560117.3	4190645.2	-1.82
L0000396	560077.3	4190665.2	-13.35
L0000396	560097.3	4190665.2	-22.27
L0000396	560117.3	4190665.2	-4.65
L0000396	560077.3	4190685.2	0.43
L0000396	560097.3	4190685.2	-3.37
L0000397	560077.3	4190645.2	-3.23
L0000397	560097.3	4190645.2	-14.35
L0000397	560117.3	4190645.2	-6.05
L0000410	560157.3	4190645.2	-0.28
L0000410	560177.3	4190645.2	-2.74
L0000411	560137.3	4190645.2	-16.10
L0000411	560157.3	4190645.2	-17.72
L0000411	560177.3	4190645.2	0.15
L0000411	560137.3	4190665.2	0.49
L0000411	560157.3	4190665.2	-0.21

L0000411	560155.0	4190663.0	-2.93
L0000412	560097.3	4190645.2	-3.42
L0000412	560117.3	4190645.2	-20.79
L0000412	560137.3	4190645.2	-13.76
L0000412	560097.3	4190665.2	-1.50

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SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0000412	560117.3	4190665.2	-16.19
L0000412	560137.3	4190665.2	-10.77
L0000413	560077.3	4190645.2	-0.25
L0000413	560097.3	4190645.2	-10.78
L0000413	560117.3	4190645.2	-4.43
L0000413	560077.3	4190665.2	-7.08
L0000413	560097.3	4190665.2	-26.93
L0000413	560117.3	4190665.2	-12.86
L0000413	560097.3	4190685.2	-8.79
L0000413	560117.3	4190685.2	-2.90
L0000413	560115.0	4190683.0	-6.03
L0000414	560077.3	4190645.2	0.84
L0000414	560097.3	4190645.2	-16.24
L0000414	560117.3	4190645.2	-14.89
L0000425	560137.3	4190645.2	-4.25
L0000425	560157.3	4190645.2	-4.32
L0000426	560097.3	4190645.2	-4.24
L0000426	560117.3	4190645.2	-20.71
L0000426	560137.3	4190645.2	-12.41
L0000426	560117.3	4190665.2	-1.49
L0000427	560097.3	4190645.2	-11.41
L0000427	560117.3	4190645.2	-15.99
L0000427	560137.3	4190645.2	-0.89
L0000437	560117.3	4190645.2	-6.26
L0000437	560137.3	4190645.2	-0.99
L0000447	560017.3	4190825.2	-13.56
L0000447	560037.3	4190825.2	-10.53
L0000447	559997.3	4190845.2	-2.20
L0000447	560017.3	4190845.2	-21.00
L0000447	560037.3	4190845.2	-16.23
L0000447	560017.3	4190865.2	-3.69
L0000447	560037.3	4190865.2	-1.70
L0000448	560017.3	4190785.2	-0.50
L0000448	560037.3	4190785.2	-3.34
L0000448	560017.3	4190805.2	-14.79
L0000448	560037.3	4190805.2	-21.52
L0000448	560057.3	4190805.2	-3.30
L0000448	560017.3	4190825.2	-10.18
L0000448	560037.3	4190825.2	-14.72
L0000448	560057.3	4190825.2	-0.43

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SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0000449	560037.3	4190765.2	-3.51
L0000449	560057.3	4190765.2	-6.06
L0000449	560037.3	4190785.2	-16.44
L0000449	560057.3	4190785.2	-22.60
L0000449	560077.3	4190785.2	-3.05
L0000449	560037.3	4190805.2	-8.42
L0000449	560057.3	4190805.2	-11.64
L0000449	560075.0	4190783.0	-4.99
L0000449	560075.0	4190803.0	-1.35
L0000450	560057.3	4190785.2	-7.37
L0000450	560077.3	4190785.2	-6.95
L0000450	560037.3	4190805.2	-0.46
L0000450	560057.3	4190805.2	-20.45
L0000450	560077.3	4190805.2	-19.51
L0000450	560097.3	4190805.2	0.48
L0000450	560057.3	4190825.2	-8.31
L0000450	560077.3	4190825.2	-7.88
L0000450	560075.0	4190783.0	-5.88
L0000450	560075.0	4190803.0	-21.39
L0000450	560095.0	4190803.0	-1.69
L0000450	560075.0	4190823.0	-10.85
L0000451	560057.3	4190805.2	-0.22
L0000451	560037.3	4190825.2	-5.56
L0000451	560057.3	4190825.2	-20.02
L0000451	560077.3	4190825.2	-9.94
L0000451	560037.3	4190845.2	-5.29
L0000451	560057.3	4190845.2	-19.38
L0000451	560077.3	4190845.2	-9.62
L0000451	560057.3	4190865.2	0.44
L0000451	560075.0	4190823.0	-10.68
L0000452	560037.3	4190825.2	-8.07
L0000452	560057.3	4190825.2	-3.38
L0000452	560017.3	4190845.2	-5.64
L0000452	560037.3	4190845.2	-25.43
L0000452	560057.3	4190845.2	-14.23
L0000452	560017.3	4190865.2	0.56
L0000452	560037.3	4190865.2	-11.00
L0000452	560057.3	4190865.2	-5.73
L0000453	560017.3	4190805.2	-0.06
L0000453	560037.3	4190805.2	-6.46

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SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0000453	560017.3	4190825.2	-11.11
L0000453	560037.3	4190825.2	-26.22
L0000453	560057.3	4190825.2	-8.27
L0000453	560017.3	4190845.2	-5.15
L0000453	560037.3	4190845.2	-13.42

L0000453	560057.3	4190845.2	-2.93
L0000454	560037.3	4190785.2	-10.44
L0000454	560057.3	4190785.2	-11.46
L0000454	560037.3	4190805.2	-18.38
L0000454	560057.3	4190805.2	-20.19
L0000454	560077.3	4190805.2	-0.71
L0000454	560037.3	4190825.2	-3.77
L0000454	560057.3	4190825.2	-4.52
L0000454	560075.0	4190803.0	-3.21
L0000455	560037.3	4190805.2	-5.83
L0000455	560057.3	4190805.2	-13.99
L0000455	560077.3	4190805.2	-3.01
L0000455	560037.3	4190825.2	-11.34
L0000455	560057.3	4190825.2	-25.51
L0000455	560077.3	4190825.2	-7.80
L0000455	560037.3	4190845.2	0.21
L0000455	560057.3	4190845.2	-5.82
L0000455	560075.0	4190803.0	-3.40
L0000455	560075.0	4190823.0	-10.39
L0000456	560017.3	4190825.2	-0.78
L0000456	560037.3	4190825.2	-13.54
L0000456	560057.3	4190825.2	-7.90
L0000456	560017.3	4190845.2	-5.07
L0000456	560037.3	4190845.2	-23.79
L0000456	560057.3	4190845.2	-14.00
L0000456	560037.3	4190865.2	-5.37
L0000456	560057.3	4190865.2	-1.29
L0000457	560037.3	4190805.2	-14.89
L0000457	560057.3	4190805.2	-16.56
L0000457	560077.3	4190805.2	0.55
L0000457	560037.3	4190825.2	-15.08
L0000457	560057.3	4190825.2	-16.77
L0000457	560077.3	4190825.2	0.45
L0000457	560075.0	4190803.0	-0.76
L0000457	560075.0	4190823.0	-2.39

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SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0000458	560077.3	4190825.2	-6.06
L0000458	560097.3	4190825.2	0.30
L0000458	560077.3	4190845.2	-11.78
L0000458	560097.3	4190845.2	-3.11
L0000458	560075.0	4190823.0	-3.19
L0000458	560095.0	4190823.0	0.20
L0000459	560097.3	4190825.2	-0.44
L0000459	560097.3	4190845.2	-16.28
L0000459	560117.3	4190845.2	-3.60
L0000459	560115.0	4190843.0	-5.86
L0000460	560117.3	4190845.2	-14.09
L0000460	560137.3	4190845.2	-1.91
L0000460	560117.3	4190865.2	-5.01
L0000460	560115.0	4190843.0	-11.05
L0000460	560135.0	4190843.0	-3.25
L0000461	560137.3	4190845.2	-8.56
L0000461	560137.3	4190865.2	-11.12
L0000461	560157.3	4190865.2	0.22

L0000461	560135.0	4190843.0	-5.93
L0000461	560155.0	4190843.0	0.87
L0000462	560157.3	4190845.2	-2.63
L0000462	560157.3	4190865.2	-17.21
L0000462	560177.3	4190865.2	-0.64
L0000462	560155.0	4190843.0	-0.24
L0000463	560157.3	4190865.2	0.18
L0000463	560177.3	4190865.2	-16.61
L0000463	560197.3	4190865.2	0.40
L0000463	560177.3	4190885.2	-3.38
L0000463	560195.0	4190863.0	-1.34
L0000464	560197.3	4190865.2	-11.12
L0000464	560197.3	4190885.2	-8.80
L0000464	560195.0	4190863.0	-8.90
L0000465	560217.3	4190865.2	-5.68
L0000465	560197.3	4190885.2	-0.72
L0000465	560217.3	4190885.2	-14.00
L0000465	560215.0	4190863.0	-3.59
L0000466	560237.3	4190865.2	-0.25
L0000466	560217.3	4190885.2	-2.34
L0000466	560237.3	4190885.2	-17.62
L0000466	560237.3	4190905.2	0.53

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SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0000466	560255.0	4190883.0	0.13
L0000467	560237.3	4190885.2	-2.36
L0000467	560257.3	4190885.2	-14.13
L0000467	560257.3	4190905.2	-4.67
L0000467	560255.0	4190883.0	-12.79
L0000468	560257.3	4190885.2	-0.78
L0000468	560277.3	4190885.2	-8.94
L0000468	560257.3	4190905.2	-1.17
L0000468	560277.3	4190905.2	-9.64
L0000468	560275.0	4190883.0	-7.36
L0000469	560297.3	4190885.2	-3.59
L0000469	560277.3	4190905.2	-3.99
L0000469	560297.3	4190905.2	-13.77
L0000469	560295.0	4190883.0	-1.92
L0000470	560297.3	4190905.2	-5.25
L0000470	560317.3	4190905.2	-14.57
L0000470	560317.3	4190925.2	-0.41
L0000471	560317.3	4190905.2	-4.58
L0000471	560337.3	4190905.2	-11.10
L0000471	560317.3	4190925.2	-0.60
L0000471	560337.3	4190925.2	-5.23
L0000472	560337.3	4190905.2	-2.20
L0000472	560357.3	4190905.2	-6.28
L0000472	560337.3	4190925.2	-4.50
L0000472	560357.3	4190925.2	-9.45
L0000473	560377.3	4190905.2	-1.13
L0000473	560357.3	4190925.2	-7.22
L0000473	560377.3	4190925.2	-12.01
L0000474	560377.3	4190925.2	-7.95
L0000474	560397.3	4190925.2	-11.31
L0000474	560377.3	4190945.2	0.92

L0000474	560397.3	4190945.2	-0.82
L0000475	560397.3	4190925.2	-6.42
L0000475	560417.3	4190925.2	-8.09
L0000475	560397.3	4190945.2	-3.58
L0000475	560417.3	4190945.2	-4.92
L0000476	560417.3	4190925.2	-3.60
L0000476	560437.3	4190925.2	-4.20
L0000476	560417.3	4190945.2	-7.16
L0000476	560437.3	4190945.2	-7.95

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SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0000477	560437.3	4190925.2	0.24
L0000477	560457.3	4190925.2	0.41
L0000477	560437.3	4190945.2	-9.90
L0000477	560457.3	4190945.2	-9.56
L0000478	560457.3	4190945.2	-10.39
L0000478	560477.3	4190945.2	-8.54
L0000478	560457.3	4190965.2	-1.00
L0000478	560477.3	4190965.2	-0.00
L0000479	560477.3	4190945.2	-7.88
L0000479	560497.3	4190945.2	-5.25
L0000479	560477.3	4190965.2	-6.17
L0000479	560497.3	4190965.2	-3.81
L0000480	560497.3	4190945.2	-1.06
L0000480	560497.3	4190965.2	-14.07
L0000480	560517.3	4190965.2	-5.48
L0000481	560517.3	4190965.2	-9.66
L0000481	560517.3	4190985.2	-10.11
L0000481	560537.3	4190985.2	0.93
L0000482	560517.3	4190985.2	-3.15
L0000482	560537.3	4190985.2	-15.14
L0000482	560537.3	4191005.2	-3.01
L0000483	560537.3	4190985.2	0.53
L0000483	560557.3	4190985.2	-0.04
L0000483	560537.3	4191005.2	-9.15
L0000483	560557.3	4191005.2	-10.27
L0000484	560557.3	4191005.2	-7.31
L0000484	560577.3	4191005.2	-0.63
L0000484	560557.3	4191025.2	-10.58
L0000484	560577.3	4191025.2	-2.59
L0000485	560557.3	4191025.2	-0.79
L0000485	560577.3	4191025.2	-13.08
L0000485	560577.3	4191045.2	-6.47
L0000486	560577.3	4191045.2	-9.57
L0000486	560597.3	4191045.2	-9.77
L0000486	560577.3	4191065.2	0.16
L0000486	560597.3	4191065.2	0.06
L0000487	560597.3	4191045.2	-1.36
L0000487	560597.3	4191065.2	-17.35
L0000487	560617.3	4191065.2	-2.11
L0000488	560597.3	4191065.2	0.46

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SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0000488	560617.3	4191065.2	-6.02
L0000488	560597.3	4191085.2	-3.02
L0000488	560617.3	4191085.2	-11.93
L0000489	560617.3	4191085.2	-7.68
L0000489	560637.3	4191085.2	-8.01
L0000489	560617.3	4191105.2	-3.39
L0000489	560637.3	4191105.2	-3.63
L0000490	560637.3	4191085.2	-3.50
L0000490	560657.3	4191085.2	-1.26
L0000490	560637.3	4191105.2	-10.21
L0000490	560657.3	4191105.2	-6.79
L0000491	560657.3	4191085.2	0.13
L0000491	560657.3	4191105.2	-12.30
L0000491	560677.3	4191105.2	-7.50
L0000492	560677.3	4191105.2	-12.31
L0000492	560697.3	4191105.2	-6.80
L0000492	560677.3	4191125.2	-1.46
L0000493	560697.3	4191105.2	-10.23
L0000493	560717.3	4191105.2	-4.88
L0000493	560697.3	4191125.2	-5.50
L0000493	560717.3	4191125.2	-1.46
L0000494	560717.3	4191105.2	-7.04
L0000494	560737.3	4191105.2	-2.13
L0000494	560717.3	4191125.2	-9.36
L0000494	560737.3	4191125.2	-3.73
L0000495	560737.3	4191105.2	-3.36
L0000495	560737.3	4191125.2	-12.75
L0000495	560757.3	4191125.2	-5.09
L0000496	560757.3	4191105.2	0.70
L0000496	560757.3	4191125.2	-14.73
L0000496	560777.3	4191125.2	-5.26
L0000496	560757.3	4191145.2	0.67
L0000497	560777.3	4191125.2	-13.29
L0000497	560797.3	4191125.2	-3.95
L0000497	560777.3	4191145.2	-4.08
L0000498	560797.3	4191125.2	-9.58
L0000498	560817.3	4191125.2	-1.45
L0000498	560797.3	4191145.2	-8.78
L0000498	560817.3	4191145.2	-0.99
L0000499	560817.3	4191125.2	-5.22

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SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0000499	560817.3	4191145.2	-13.33

L0000499	560837.3	4191145.2	-2.58
L0000500	560837.3	4191125.2	-0.65
L0000500	560837.3	4191145.2	-16.91
L0000500	560857.3	4191145.2	-2.92
L0000501	560857.3	4191145.2	-15.44
L0000501	560877.3	4191145.2	-1.94
L0000501	560857.3	4191165.2	-3.71
L0000502	560877.3	4191145.2	-11.14
L0000502	560897.3	4191145.2	0.17
L0000502	560877.3	4191165.2	-8.52
L0000503	560897.3	4191145.2	-6.50
L0000503	560897.3	4191165.2	-13.33
L0000503	560917.3	4191165.2	-0.10
L0000504	560917.3	4191145.2	-1.77
L0000504	560897.3	4191165.2	0.72
L0000504	560917.3	4191165.2	-18.10
L0000504	560937.3	4191165.2	-0.55
L0000505	560917.3	4191165.2	0.29
L0000505	560937.3	4191165.2	-17.00
L0000505	560957.3	4191165.2	0.17
L0000505	560937.3	4191185.2	-2.99
L0000506	560937.3	4191165.2	0.93
L0000506	560957.3	4191165.2	-12.50
L0000506	560957.3	4191185.2	-7.47
L0000507	560977.3	4191165.2	-8.41
L0000507	560957.3	4191185.2	0.92
L0000507	560977.3	4191185.2	-11.50
L0000508	560997.3	4191165.2	-4.32
L0000508	560977.3	4191185.2	-0.78
L0000508	560997.3	4191185.2	-15.43
L0000509	561017.3	4191165.2	-0.24
L0000509	560997.3	4191185.2	-1.70
L0000509	561017.3	4191185.2	-18.26
L0000509	561017.3	4191205.2	0.39
L0000510	561017.3	4191185.2	-1.73
L0000510	561037.3	4191185.2	-15.68
L0000510	561037.3	4191205.2	-3.61
L0000511	561037.3	4191185.2	-0.87
L0000511	561057.3	4191185.2	-11.77

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SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0000511	561057.3	4191205.2	-7.55
L0000512	561057.3	4191185.2	0.78
L0000512	561077.3	4191185.2	-7.75
L0000512	561057.3	4191205.2	-1.12
L0000512	561077.3	4191205.2	-11.36
L0000513	561097.3	4191185.2	-1.10
L0000513	561077.3	4191205.2	-6.71
L0000513	561097.3	4191205.2	-12.64
L0000514	561077.3	4191205.2	-4.61
L0000514	561077.3	4191225.2	-14.03
L0000514	561097.3	4191225.2	-2.56
L0000515	561057.3	4191205.2	-5.61
L0000515	561077.3	4191205.2	-0.83
L0000515	561057.3	4191225.2	-10.84

L0000515	561077.3	4191225.2	-4.37
L0000516	561037.3	4191205.2	-10.24
L0000516	561057.3	4191205.2	-5.34
L0000516	561037.3	4191225.2	-5.04
L0000516	561057.3	4191225.2	-1.47
L0000517	561017.3	4191205.2	-11.95
L0000517	561037.3	4191205.2	-8.01
L0000518	560997.3	4191185.2	-3.16
L0000518	561017.3	4191185.2	-2.06
L0000518	560997.3	4191205.2	-9.25
L0000518	561017.3	4191205.2	-7.60
L0000519	560977.3	4191185.2	-7.11
L0000519	560997.3	4191185.2	-7.08
L0000519	560977.3	4191205.2	-4.50
L0000519	560997.3	4191205.2	-4.48
L0000520	560957.3	4191185.2	-8.92
L0000520	560977.3	4191185.2	-10.09
L0000520	560957.3	4191205.2	-0.10
L0000520	560977.3	4191205.2	-0.73
L0000521	560957.3	4191165.2	0.20
L0000521	560937.3	4191185.2	-8.61
L0000521	560957.3	4191185.2	-11.05
L0000522	560917.3	4191165.2	-2.22
L0000522	560937.3	4191165.2	-4.47
L0000522	560917.3	4191185.2	-6.33
L0000522	560937.3	4191185.2	-9.41

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SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0000523	560897.3	4191165.2	-5.02
L0000523	560917.3	4191165.2	-8.84
L0000523	560897.3	4191185.2	-2.84
L0000523	560917.3	4191185.2	-6.06
L0000524	560877.3	4191165.2	-6.46
L0000524	560897.3	4191165.2	-12.38
L0000524	560897.3	4191185.2	-1.92
L0000525	560877.3	4191145.2	-0.65
L0000525	560857.3	4191165.2	-6.14
L0000525	560877.3	4191165.2	-13.52
L0000526	560837.3	4191145.2	-0.38
L0000526	560857.3	4191145.2	-5.53
L0000526	560837.3	4191165.2	-4.14
L0000526	560857.3	4191165.2	-11.28
L0000527	560817.3	4191145.2	-2.81
L0000527	560837.3	4191145.2	-10.26
L0000527	560817.3	4191165.2	-1.00
L0000527	560837.3	4191165.2	-7.33
L0000528	560797.3	4191145.2	-4.00
L0000528	560817.3	4191145.2	-14.32
L0000528	560817.3	4191165.2	-2.98
L0000529	560797.3	4191125.2	-0.63
L0000529	560777.3	4191145.2	-3.83
L0000529	560797.3	4191145.2	-15.99
L0000530	560777.3	4191125.2	-5.24
L0000530	560757.3	4191145.2	-2.40
L0000530	560777.3	4191145.2	-13.45

L0000531	560737.3	4191125.2	-0.21
L0000531	560757.3	4191125.2	-9.83
L0000531	560737.3	4191145.2	0.02
L0000531	560757.3	4191145.2	-9.39
L0000532	560717.3	4191125.2	-1.52
L0000532	560737.3	4191125.2	-14.35
L0000532	560737.3	4191145.2	-5.00
L0000533	560717.3	4191105.2	0.66
L0000533	560697.3	4191125.2	-1.71
L0000533	560717.3	4191125.2	-18.17
L0000533	560717.3	4191145.2	-0.50
L0000534	560697.3	4191105.2	-3.97
L0000534	560677.3	4191125.2	-0.76

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SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0000534	560697.3	4191125.2	-15.80
L0000535	560677.3	4191105.2	-8.71
L0000535	560677.3	4191125.2	-11.24
L0000536	560637.3	4191105.2	0.97
L0000536	560657.3	4191105.2	-13.74
L0000536	560677.3	4191105.2	0.95
L0000536	560657.3	4191125.2	-6.25
L0000537	560617.3	4191105.2	0.69
L0000537	560637.3	4191105.2	-18.59
L0000537	560657.3	4191105.2	-0.61
L0000537	560637.3	4191125.2	-1.22
L0000538	560617.3	4191085.2	-3.72
L0000538	560617.3	4191105.2	-16.01
L0000538	560637.3	4191105.2	-0.91
L0000539	560597.3	4191085.2	-9.48
L0000539	560617.3	4191085.2	0.52
L0000539	560597.3	4191105.2	-10.01
L0000539	560617.3	4191105.2	0.25
L0000540	560577.3	4191085.2	-13.32
L0000540	560597.3	4191085.2	-6.67
L0000541	560577.3	4191045.2	0.85
L0000541	560577.3	4191065.2	-18.63
L0000541	560597.3	4191065.2	-1.07
L0000541	560577.3	4191085.2	-0.78
L0000542	560557.3	4191045.2	-5.62
L0000542	560577.3	4191045.2	-13.74
L0000542	560577.3	4191065.2	-1.37
L0000543	560557.3	4191025.2	-13.03
L0000543	560577.3	4191025.2	-0.35
L0000543	560557.3	4191045.2	-6.69
L0000544	560537.3	4191005.2	-5.60
L0000544	560557.3	4191005.2	-4.20
L0000544	560537.3	4191025.2	-7.51
L0000544	560557.3	4191025.2	-5.91
L0000545	560537.3	4190985.2	-3.80
L0000545	560517.3	4191005.2	-3.14
L0000545	560537.3	4191005.2	-14.38
L0000546	560517.3	4190985.2	-16.78
L0000546	560537.3	4190985.2	-3.10
L0000546	560517.3	4191005.2	-0.51

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0000547	560497.3	4190965.2	-8.81
L0000547	560517.3	4190965.2	-7.28
L0000547	560497.3	4190985.2	-3.74
L0000547	560517.3	4190985.2	-2.65
L0000548	560477.3	4190945.2	-0.24
L0000548	560497.3	4190945.2	-5.06
L0000548	560477.3	4190965.2	-4.50
L0000548	560497.3	4190965.2	-11.46
L0000549	560457.3	4190945.2	-2.83
L0000549	560477.3	4190945.2	-9.99
L0000549	560457.3	4190965.2	-1.25
L0000549	560477.3	4190965.2	-7.48
L0000550	560437.3	4190945.2	-4.08
L0000550	560457.3	4190945.2	-14.38
L0000550	560457.3	4190965.2	-2.82
L0000551	560437.3	4190925.2	-1.37
L0000551	560417.3	4190945.2	-3.68
L0000551	560437.3	4190945.2	-15.83
L0000552	560417.3	4190925.2	-6.56
L0000552	560397.3	4190945.2	-1.73
L0000552	560417.3	4190945.2	-12.40
L0000553	560377.3	4190925.2	-0.72
L0000553	560397.3	4190925.2	-11.73
L0000553	560397.3	4190945.2	-7.65
L0000554	560357.3	4190925.2	-1.53
L0000554	560377.3	4190925.2	-16.76
L0000554	560377.3	4190945.2	-2.64
L0000555	560357.3	4190905.2	-2.41
L0000555	560337.3	4190925.2	-0.90
L0000555	560357.3	4190925.2	-17.33
L0000556	560337.3	4190905.2	-7.60
L0000556	560337.3	4190925.2	-12.38
L0000557	560317.3	4190905.2	-12.71
L0000557	560317.3	4190925.2	-7.27
L0000558	560297.3	4190905.2	-17.63
L0000558	560317.3	4190905.2	-0.82
L0000558	560297.3	4190925.2	-2.13
L0000559	560277.3	4190885.2	-2.87
L0000559	560277.3	4190905.2	-16.63
L0000559	560297.3	4190905.2	-1.38

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SOURCE	- - RECEPTOR LOCATION - -		DISTANCE

SOURCE ID	RECEPTOR XR (METERS)	RECEPTOR YR (METERS)	DISTANCE (METERS)
L0000559	560275.0	4190883.0	-0.38
L0000560	560257.3	4190885.2	-7.85
L0000560	560257.3	4190905.2	-11.61
L0000560	560277.3	4190905.2	-0.53
L0000560	560255.0	4190883.0	-5.17
L0000560	560275.0	4190883.0	0.90
L0000561	560237.3	4190885.2	-12.57
L0000561	560257.3	4190885.2	-1.63
L0000561	560237.3	4190905.2	-6.49
L0000561	560255.0	4190883.0	-2.72
L0000562	560217.3	4190885.2	-16.00
L0000562	560237.3	4190885.2	-3.52
L0000562	560217.3	4190905.2	-1.34
L0000563	560197.3	4190865.2	-2.87
L0000563	560197.3	4190885.2	-14.52
L0000563	560217.3	4190885.2	-3.91
L0000563	560195.0	4190863.0	-0.12
L0000564	560177.3	4190865.2	-7.50
L0000564	560197.3	4190865.2	-1.07
L0000564	560177.3	4190885.2	-10.14
L0000564	560197.3	4190885.2	-2.69
L0000564	560195.0	4190863.0	-1.32
L0000565	560157.3	4190865.2	-11.52
L0000565	560177.3	4190865.2	-4.26
L0000565	560157.3	4190885.2	-5.24
L0000565	560177.3	4190885.2	-0.16
L0000566	560137.3	4190865.2	-13.60
L0000566	560157.3	4190865.2	-6.21
L0000566	560137.3	4190885.2	-0.21
L0000567	560117.3	4190845.2	-3.02
L0000567	560137.3	4190845.2	0.06
L0000567	560117.3	4190865.2	-11.49
L0000567	560137.3	4190865.2	-6.35
L0000567	560115.0	4190843.0	-0.05
L0000567	560135.0	4190843.0	0.49
L0000568	560097.3	4190845.2	-7.73
L0000568	560117.3	4190845.2	-5.02
L0000568	560097.3	4190865.2	-6.43
L0000568	560117.3	4190865.2	-3.94
L0000568	560115.0	4190843.0	-5.18

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
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SOURCE ID	RECEPTOR XR (METERS)	RECEPTOR YR (METERS)	DISTANCE (METERS)
L0000569	560077.3	4190845.2	-10.39
L0000569	560097.3	4190845.2	-8.76
L0000569	560077.3	4190865.2	-0.62
L0000569	560097.3	4190865.2	0.24
L0000570	561077.3	4191185.2	-5.13
L0000570	561097.3	4191185.2	-13.81
L0000570	561117.3	4191185.2	-12.51
L0000570	561137.3	4191185.2	-2.03
L0000570	561057.3	4191205.2	0.02
L0000570	561077.3	4191205.2	-18.41

L0000570	561097.3	4191205.2	-32.84
L0000570	561117.3	4191205.2	-30.24
L0000570	561137.3	4191205.2	-14.14
L0000570	561057.3	4191225.2	-2.19
L0000570	561077.3	4191225.2	-22.03
L0000570	561097.3	4191225.2	-41.12
L0000570	561117.3	4191225.2	-36.78
L0000570	561137.3	4191225.2	-17.28
L0000570	561077.3	4191245.2	-13.03
L0000570	561097.3	4191245.2	-24.25
L0000570	561117.3	4191245.2	-22.45
L0000570	561137.3	4191245.2	-9.32
L0000570	561097.3	4191265.2	-4.76
L0000570	561117.3	4191265.2	-3.71
L0000571	561157.3	4191185.2	-0.24
L0000571	561117.3	4191205.2	-3.77
L0000571	561137.3	4191205.2	-16.60
L0000571	561157.3	4191205.2	-20.11
L0000571	561177.3	4191205.2	-11.64
L0000571	561117.3	4191225.2	-13.20
L0000571	561137.3	4191225.2	-31.75
L0000571	561157.3	4191225.2	-39.46
L0000571	561177.3	4191225.2	-23.75
L0000571	561197.3	4191225.2	-4.54
L0000571	561117.3	4191245.2	-12.96
L0000571	561137.3	4191245.2	-31.28
L0000571	561157.3	4191245.2	-38.66
L0000571	561177.3	4191245.2	-23.42
L0000571	561197.3	4191245.2	-4.35
L0000571	561117.3	4191265.2	-3.21

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

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SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0000571	561137.3	4191265.2	-15.83
L0000571	561157.3	4191265.2	-19.25
L0000571	561177.3	4191265.2	-10.97
L0000571	561157.3	4191285.2	0.62
L0000572	561177.3	4191205.2	-0.36
L0000572	561197.3	4191205.2	-6.13
L0000572	561217.3	4191205.2	-3.26
L0000572	561157.3	4191225.2	-0.46
L0000572	561177.3	4191225.2	-16.61
L0000572	561197.3	4191225.2	-26.01
L0000572	561217.3	4191225.2	-21.10
L0000572	561237.3	4191225.2	-6.47
L0000572	561157.3	4191245.2	-6.35
L0000572	561177.3	4191245.2	-26.22
L0000572	561197.3	4191245.2	-44.89
L0000572	561217.3	4191245.2	-33.09
L0000572	561237.3	4191245.2	-13.32
L0000572	561157.3	4191265.2	-3.57
L0000572	561177.3	4191265.2	-21.43
L0000572	561197.3	4191265.2	-33.38
L0000572	561217.3	4191265.2	-26.84
L0000572	561237.3	4191265.2	-10.05
L0000572	561177.3	4191285.2	-6.80

L0000572	561197.3	4191285.2	-13.58
L0000572	561217.3	4191285.2	-10.17
L0000573	561217.3	4191145.2	-5.57
L0000573	561237.3	4191145.2	-8.99
L0000573	561257.3	4191145.2	-8.09
L0000573	561277.3	4191145.2	-2.98
L0000573	561177.3	4191165.2	-3.29
L0000573	561197.3	4191165.2	-15.63
L0000573	561217.3	4191165.2	-24.61
L0000573	561237.3	4191165.2	-28.94
L0000573	561257.3	4191165.2	-27.79
L0000573	561277.3	4191165.2	-21.38
L0000573	561297.3	4191165.2	-10.86
L0000573	561157.3	4191185.2	-0.23
L0000573	561177.3	4191185.2	-16.81
L0000573	561197.3	4191185.2	-31.55
L0000573	561217.3	4191185.2	-42.98

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SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0000573	561237.3	4191185.2	-48.85
L0000573	561257.3	4191185.2	-47.25
L0000573	561277.3	4191185.2	-38.78
L0000573	561297.3	4191185.2	-25.75
L0000573	561317.3	4191185.2	-10.11
L0000573	561157.3	4191205.2	-8.77
L0000573	561177.3	4191205.2	-27.28
L0000573	561197.3	4191205.2	-44.75
L0000573	561217.3	4191205.2	-59.77
L0000573	561237.3	4191205.2	-68.63
L0000573	561257.3	4191205.2	-66.09
L0000573	561277.3	4191205.2	-54.01
L0000573	561297.3	4191205.2	-37.70
L0000573	561317.3	4191205.2	-19.71
L0000573	561337.3	4191205.2	-0.94
L0000573	561157.3	4191225.2	-13.46
L0000573	561177.3	4191225.2	-33.25
L0000573	561197.3	4191225.2	-52.88
L0000573	561217.3	4191225.2	-71.97
L0000573	561237.3	4191225.2	-87.70
L0000573	561257.3	4191225.2	-82.20
L0000573	561277.3	4191225.2	-64.19
L0000573	561297.3	4191225.2	-44.79
L0000573	561317.3	4191225.2	-25.07
L0000573	561337.3	4191225.2	-5.24
L0000573	561157.3	4191245.2	-13.65
L0000573	561177.3	4191245.2	-33.50
L0000573	561197.3	4191245.2	-53.23
L0000573	561217.3	4191245.2	-72.55
L0000573	561237.3	4191245.2	-89.10
L0000573	561257.3	4191245.2	-83.13
L0000573	561277.3	4191245.2	-64.64
L0000573	561297.3	4191245.2	-45.08
L0000573	561317.3	4191245.2	-25.29
L0000573	561337.3	4191245.2	-5.41
L0000573	561157.3	4191265.2	-9.31

L0000573	561177.3	4191265.2	-27.96
L0000573	561197.3	4191265.2	-45.64
L0000573	561217.3	4191265.2	-61.00
L0000573	561237.3	4191265.2	-70.23

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SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0000573	561257.3	4191265.2	-67.56
L0000573	561277.3	4191265.2	-55.08
L0000573	561297.3	4191265.2	-38.49
L0000573	561317.3	4191265.2	-20.32
L0000573	561337.3	4191265.2	-1.44
L0000573	561157.3	4191285.2	-1.05
L0000573	561177.3	4191285.2	-17.80
L0000573	561197.3	4191285.2	-32.75
L0000573	561217.3	4191285.2	-44.43
L0000573	561237.3	4191285.2	-50.46
L0000573	561257.3	4191285.2	-48.82
L0000573	561277.3	4191285.2	-40.12
L0000573	561297.3	4191285.2	-26.85
L0000573	561317.3	4191285.2	-11.02
L0000573	561177.3	4191305.2	-4.47
L0000573	561197.3	4191305.2	-16.99
L0000573	561217.3	4191305.2	-26.13
L0000573	561237.3	4191305.2	-30.56
L0000573	561257.3	4191305.2	-29.38
L0000573	561277.3	4191305.2	-22.84
L0000573	561297.3	4191305.2	-12.14
L0000573	561197.3	4191325.2	0.29
L0000573	561217.3	4191325.2	-7.14
L0000573	561237.3	4191325.2	-10.62
L0000573	561257.3	4191325.2	-9.70
L0000573	561277.3	4191325.2	-4.50
L0000574	561237.3	4191045.2	-1.80
L0000574	561257.3	4191045.2	-5.86
L0000574	561277.3	4191045.2	-5.76
L0000574	561297.3	4191045.2	-1.51
L0000574	561217.3	4191065.2	-11.25
L0000574	561237.3	4191065.2	-20.65
L0000574	561257.3	4191065.2	-25.73
L0000574	561277.3	4191065.2	-25.60
L0000574	561297.3	4191065.2	-20.29
L0000574	561317.3	4191065.2	-10.70
L0000574	561197.3	4191085.2	-12.19
L0000574	561217.3	4191085.2	-26.99
L0000574	561237.3	4191085.2	-38.76
L0000574	561257.3	4191085.2	-45.51

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SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0000574	561277.3	4191085.2	-45.33
L0000574	561297.3	4191085.2	-38.29
L0000574	561317.3	4191085.2	-26.33
L0000574	561337.3	4191085.2	-11.41
L0000574	561177.3	4191105.2	-4.37
L0000574	561197.3	4191105.2	-22.77
L0000574	561217.3	4191105.2	-40.13
L0000574	561237.3	4191105.2	-55.24
L0000574	561257.3	4191105.2	-65.03
L0000574	561277.3	4191105.2	-64.75
L0000574	561297.3	4191105.2	-54.59
L0000574	561317.3	4191105.2	-39.32
L0000574	561337.3	4191105.2	-21.89
L0000574	561357.3	4191105.2	-3.46
L0000574	561177.3	4191125.2	-9.45
L0000574	561197.3	4191125.2	-29.15
L0000574	561217.3	4191125.2	-48.64
L0000574	561237.3	4191125.2	-67.48
L0000574	561257.3	4191125.2	-83.36
L0000574	561277.3	4191125.2	-82.78
L0000574	561297.3	4191125.2	-66.59
L0000574	561317.3	4191125.2	-47.70
L0000574	561337.3	4191125.2	-28.20
L0000574	561357.3	4191125.2	-8.49
L0000574	561177.3	4191145.2	-10.26
L0000574	561197.3	4191145.2	-30.19
L0000574	561217.3	4191145.2	-50.08
L0000574	561237.3	4191145.2	-69.81
L0000574	561257.3	4191145.2	-88.56
L0000574	561277.3	4191145.2	-87.74
L0000574	561297.3	4191145.2	-68.86
L0000574	561317.3	4191145.2	-49.11
L0000574	561337.3	4191145.2	-29.23
L0000574	561357.3	4191145.2	-9.29
L0000574	561177.3	4191165.2	-6.69
L0000574	561197.3	4191165.2	-25.66
L0000574	561217.3	4191165.2	-43.91
L0000574	561237.3	4191165.2	-60.43
L0000574	561257.3	4191165.2	-71.98
L0000574	561277.3	4191165.2	-71.64

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

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SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0000574	561297.3	4191165.2	-59.70
L0000574	561317.3	4191165.2	-43.05
L0000574	561337.3	4191165.2	-24.75
L0000574	561357.3	4191165.2	-5.75
L0000574	561177.3	4191185.2	0.81
L0000574	561197.3	4191185.2	-16.45

L0000574	561217.3	4191185.2	-32.17
L0000574	561237.3	4191185.2	-45.05
L0000574	561257.3	4191185.2	-52.68
L0000574	561277.3	4191185.2	-52.48
L0000574	561297.3	4191185.2	-44.52
L0000574	561317.3	4191185.2	-31.46
L0000574	561337.3	4191185.2	-15.64
L0000574	561197.3	4191205.2	-3.90
L0000574	561217.3	4191205.2	-17.21
L0000574	561237.3	4191205.2	-27.38
L0000574	561257.3	4191205.2	-32.97
L0000574	561277.3	4191205.2	-32.82
L0000574	561297.3	4191205.2	-26.98
L0000574	561317.3	4191205.2	-16.62
L0000574	561337.3	4191205.2	-3.20
L0000574	561217.3	4191225.2	-0.46
L0000574	561237.3	4191225.2	-8.74
L0000574	561257.3	4191225.2	-13.12
L0000574	561277.3	4191225.2	-13.01
L0000574	561297.3	4191225.2	-8.42
L0000574	561317.3	4191225.2	0.03
L0000575	561277.3	4190945.2	-2.61
L0000575	561297.3	4190945.2	-3.27
L0000575	561317.3	4190945.2	0.15
L0000575	561237.3	4190965.2	-6.85
L0000575	561257.3	4190965.2	-16.63
L0000575	561277.3	4190965.2	-22.38
L0000575	561297.3	4190965.2	-23.20
L0000575	561317.3	4190965.2	-18.94
L0000575	561337.3	4190965.2	-10.31
L0000575	561217.3	4190985.2	-7.56
L0000575	561237.3	4190985.2	-22.42
L0000575	561257.3	4190985.2	-34.49
L0000575	561277.3	4190985.2	-41.99

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
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SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0000575	561297.3	4190985.2	-43.10
L0000575	561317.3	4190985.2	-37.46
L0000575	561337.3	4190985.2	-26.62
L0000575	561357.3	4190985.2	-12.49
L0000575	561197.3	4191005.2	0.06
L0000575	561217.3	4191005.2	-18.24
L0000575	561237.3	4191005.2	-35.51
L0000575	561257.3	4191005.2	-50.69
L0000575	561277.3	4191005.2	-61.21
L0000575	561297.3	4191005.2	-62.87
L0000575	561317.3	4191005.2	-54.70
L0000575	561337.3	4191005.2	-40.63
L0000575	561357.3	4191005.2	-23.85
L0000575	561377.3	4191005.2	-5.81
L0000575	561197.3	4191025.2	-5.38
L0000575	561217.3	4191025.2	-24.99
L0000575	561237.3	4191025.2	-44.33
L0000575	561257.3	4191025.2	-62.96
L0000575	561277.3	4191025.2	-78.90

L0000575	561297.3	4191025.2	-82.15
L0000575	561317.3	4191025.2	-68.50
L0000575	561337.3	4191025.2	-50.35
L0000575	561357.3	4191025.2	-31.16
L0000575	561377.3	4191025.2	-11.61
L0000575	561197.3	4191045.2	-6.76
L0000575	561217.3	4191045.2	-26.75
L0000575	561237.3	4191045.2	-46.71
L0000575	561257.3	4191045.2	-66.64
L0000575	561277.3	4191045.2	-86.37
L0000575	561297.3	4191045.2	-92.31
L0000575	561317.3	4191045.2	-72.93
L0000575	561337.3	4191045.2	-53.03
L0000575	561357.3	4191045.2	-33.07
L0000575	561377.3	4191045.2	-13.09
L0000575	561197.3	4191065.2	-3.91
L0000575	561217.3	4191065.2	-23.14
L0000575	561237.3	4191065.2	-41.86
L0000575	561257.3	4191065.2	-59.34
L0000575	561277.3	4191065.2	-73.05
L0000575	561297.3	4191065.2	-75.51

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
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SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0000575	561317.3	4191065.2	-64.32
L0000575	561337.3	4191065.2	-47.59
L0000575	561357.3	4191065.2	-29.15
L0000575	561377.3	4191065.2	-10.04
L0000575	561217.3	4191085.2	-14.87
L0000575	561237.3	4191085.2	-31.29
L0000575	561257.3	4191085.2	-45.29
L0000575	561277.3	4191085.2	-54.54
L0000575	561297.3	4191085.2	-55.95
L0000575	561317.3	4191085.2	-48.88
L0000575	561337.3	4191085.2	-36.07
L0000575	561357.3	4191085.2	-20.25
L0000575	561377.3	4191085.2	-2.87
L0000575	561217.3	4191105.2	-3.11
L0000575	561237.3	4191105.2	-17.17
L0000575	561257.3	4191105.2	-28.35
L0000575	561277.3	4191105.2	-35.13
L0000575	561297.3	4191105.2	-36.12
L0000575	561317.3	4191105.2	-31.05
L0000575	561337.3	4191105.2	-21.08
L0000575	561357.3	4191105.2	-7.80
L0000575	561237.3	4191125.2	-1.00
L0000575	561257.3	4191125.2	-10.14
L0000575	561277.3	4191125.2	-15.45
L0000575	561297.3	4191125.2	-16.21
L0000575	561317.3	4191125.2	-12.28
L0000575	561337.3	4191125.2	-4.25
L0000576	561297.3	4190845.2	0.71
L0000576	561317.3	4190845.2	-0.64
L0000576	561257.3	4190865.2	-2.49
L0000576	561277.3	4190865.2	-12.60
L0000576	561297.3	4190865.2	-18.94

L0000576	561317.3	4190865.2	-20.62
L0000576	561337.3	4190865.2	-17.35
L0000576	561357.3	4190865.2	-9.66
L0000576	561237.3	4190885.2	-3.02
L0000576	561257.3	4190885.2	-17.92
L0000576	561277.3	4190885.2	-30.24
L0000576	561297.3	4190885.2	-38.38
L0000576	561317.3	4190885.2	-40.60

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SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0000576	561337.3	4190885.2	-36.29
L0000576	561357.3	4190885.2	-26.59
L0000576	561377.3	4190885.2	-13.28
L0000576	561237.3	4190905.2	-13.78
L0000576	561257.3	4190905.2	-30.98
L0000576	561277.3	4190905.2	-46.20
L0000576	561297.3	4190905.2	-57.28
L0000576	561317.3	4190905.2	-60.55
L0000576	561337.3	4190905.2	-54.32
L0000576	561357.3	4190905.2	-41.54
L0000576	561377.3	4190905.2	-25.51
L0000576	561397.3	4190905.2	-7.92
L0000576	561217.3	4190925.2	-1.36
L0000576	561237.3	4190925.2	-20.87
L0000576	561257.3	4190925.2	-40.07
L0000576	561277.3	4190925.2	-58.50
L0000576	561297.3	4190925.2	-74.45
L0000576	561317.3	4190925.2	-80.42
L0000576	561337.3	4190925.2	-69.76
L0000576	561357.3	4190925.2	-52.62
L0000576	561377.3	4190925.2	-33.85
L0000576	561397.3	4190925.2	-14.52
L0000576	561217.3	4190945.2	-3.26
L0000576	561237.3	4190945.2	-23.26
L0000576	561257.3	4190945.2	-43.26
L0000576	561277.3	4190945.2	-63.26
L0000576	561297.3	4190945.2	-83.25
L0000576	561317.3	4190945.2	-96.66
L0000576	561337.3	4190945.2	-76.72
L0000576	561357.3	4190945.2	-56.72
L0000576	561377.3	4190945.2	-36.73
L0000576	561397.3	4190945.2	-16.73
L0000576	561217.3	4190965.2	-1.07
L0000576	561237.3	4190965.2	-20.52
L0000576	561257.3	4190965.2	-39.61
L0000576	561277.3	4190965.2	-57.84
L0000576	561297.3	4190965.2	-73.38
L0000576	561317.3	4190965.2	-79.05
L0000576	561337.3	4190965.2	-68.86
L0000576	561357.3	4190965.2	-52.04

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SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0000576	561377.3	4190965.2	-33.43
L0000576	561397.3	4190965.2	-14.20
L0000576	561237.3	4190985.2	-13.14
L0000576	561257.3	4190985.2	-30.18
L0000576	561277.3	4190985.2	-45.18
L0000576	561297.3	4190985.2	-56.00
L0000576	561317.3	4190985.2	-59.17
L0000576	561337.3	4190985.2	-53.12
L0000576	561357.3	4190985.2	-40.60
L0000576	561377.3	4190985.2	-24.77
L0000576	561397.3	4190985.2	-7.32
L0000576	561237.3	4191005.2	-2.16
L0000576	561257.3	4191005.2	-16.92
L0000576	561277.3	4191005.2	-29.05
L0000576	561297.3	4191005.2	-37.04
L0000576	561317.3	4191005.2	-39.21
L0000576	561337.3	4191005.2	-35.00
L0000576	561357.3	4191005.2	-25.46
L0000576	561377.3	4191005.2	-12.32
L0000576	561257.3	4191025.2	-1.35
L0000576	561277.3	4191025.2	-11.34
L0000576	561297.3	4191025.2	-17.59
L0000576	561317.3	4191025.2	-19.24
L0000576	561337.3	4191025.2	-16.02
L0000576	561357.3	4191025.2	-8.43
L0000576	561317.3	4191045.2	0.75
L0000577	561277.3	4190765.2	0.06
L0000577	561297.3	4190765.2	-10.03
L0000577	561317.3	4190765.2	-16.47
L0000577	561337.3	4190765.2	-18.39
L0000577	561357.3	4190765.2	-15.49
L0000577	561377.3	4190765.2	-8.21
L0000577	561257.3	4190785.2	-0.68
L0000577	561277.3	4190785.2	-15.45
L0000577	561297.3	4190785.2	-27.68
L0000577	561317.3	4190785.2	-35.86
L0000577	561337.3	4190785.2	-38.38
L0000577	561357.3	4190785.2	-34.58
L0000577	561377.3	4190785.2	-25.42
L0000577	561397.3	4190785.2	-12.56

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SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0000577	561257.3	4190805.2	-11.67
L0000577	561277.3	4190805.2	-28.69

L0000577	561297.3	4190805.2	-43.72
L0000577	561317.3	4190805.2	-54.72
L0000577	561337.3	4190805.2	-58.37
L0000577	561357.3	4190805.2	-52.92
L0000577	561377.3	4190805.2	-40.85
L0000577	561397.3	4190805.2	-25.29
L0000577	561237.3	4190825.2	0.28
L0000577	561257.3	4190825.2	-19.14
L0000577	561277.3	4190825.2	-38.18
L0000577	561297.3	4190825.2	-56.36
L0000577	561317.3	4190825.2	-71.94
L0000577	561337.3	4190825.2	-78.32
L0000577	561357.3	4190825.2	-69.13
L0000577	561377.3	4190825.2	-52.71
L0000577	561397.3	4190825.2	-34.28
L0000577	561237.3	4190845.2	-2.06
L0000577	561257.3	4190845.2	-22.05
L0000577	561277.3	4190845.2	-42.05
L0000577	561297.3	4190845.2	-62.04
L0000577	561317.3	4190845.2	-82.00
L0000577	561337.3	4190845.2	-97.39
L0000577	561357.3	4190845.2	-77.87
L0000577	561377.3	4190845.2	-57.89
L0000577	561397.3	4190845.2	-37.90
L0000577	561237.3	4190865.2	-0.35
L0000577	561257.3	4190865.2	-19.92
L0000577	561277.3	4190865.2	-39.21
L0000577	561297.3	4190865.2	-57.83
L0000577	561317.3	4190865.2	-74.29
L0000577	561337.3	4190865.2	-81.46
L0000577	561357.3	4190865.2	-71.25
L0000577	561377.3	4190865.2	-54.07
L0000577	561397.3	4190865.2	-35.25
L0000577	561257.3	4190885.2	-13.11
L0000577	561277.3	4190885.2	-30.49
L0000577	561297.3	4190885.2	-46.01
L0000577	561317.3	4190885.2	-57.60
L0000577	561337.3	4190885.2	-61.52

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
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SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0000577	561357.3	4190885.2	-55.69
L0000577	561377.3	4190885.2	-43.02
L0000577	561397.3	4190885.2	-26.99
L0000577	561257.3	4190905.2	-2.60
L0000577	561277.3	4190905.2	-17.72
L0000577	561297.3	4190905.2	-30.34
L0000577	561317.3	4190905.2	-38.89
L0000577	561337.3	4190905.2	-41.54
L0000577	561357.3	4190905.2	-37.54
L0000577	561377.3	4190905.2	-28.00
L0000577	561397.3	4190905.2	-14.75
L0000577	561277.3	4190925.2	-2.50
L0000577	561297.3	4190925.2	-12.88
L0000577	561317.3	4190925.2	-19.55
L0000577	561337.3	4190925.2	-21.55

L0000577	561357.3	4190925.2	-18.53
L0000577	561377.3	4190925.2	-11.00
L0000577	561397.3	4190925.2	0.02
L0000577	561317.3	4190945.2	0.04
L0000577	561337.3	4190945.2	-1.55
L0000577	561357.3	4190945.2	0.87
L0000578	561317.3	4190665.2	-7.47
L0000578	561337.3	4190665.2	-13.99
L0000578	561357.3	4190665.2	-16.14
L0000578	561377.3	4190665.2	-13.59
L0000578	561397.3	4190665.2	-6.71
L0000578	561297.3	4190685.2	-12.98
L0000578	561317.3	4190685.2	-25.11
L0000578	561337.3	4190685.2	-33.34
L0000578	561357.3	4190685.2	-36.14
L0000578	561377.3	4190685.2	-32.82
L0000578	561397.3	4190685.2	-24.18
L0000578	561277.3	4190705.2	-9.54
L0000578	561297.3	4190705.2	-26.39
L0000578	561317.3	4190705.2	-41.23
L0000578	561337.3	4190705.2	-52.16
L0000578	561357.3	4190705.2	-56.14
L0000578	561377.3	4190705.2	-51.43
L0000578	561397.3	4190705.2	-40.05
L0000578	561277.3	4190725.2	-17.36

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SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0000578	561297.3	4190725.2	-36.25
L0000578	561317.3	4190725.2	-54.18
L0000578	561337.3	4190725.2	-69.43
L0000578	561357.3	4190725.2	-76.13
L0000578	561377.3	4190725.2	-68.30
L0000578	561397.3	4190725.2	-52.67
L0000578	561257.3	4190745.2	-0.80
L0000578	561277.3	4190745.2	-20.78
L0000578	561297.3	4190745.2	-40.75
L0000578	561317.3	4190745.2	-60.69
L0000578	561337.3	4190745.2	-80.49
L0000578	561357.3	4190745.2	-96.05
L0000578	561377.3	4190745.2	-78.77
L0000578	561397.3	4190745.2	-58.94
L0000578	561257.3	4190765.2	0.43
L0000578	561277.3	4190765.2	-19.24
L0000578	561297.3	4190765.2	-38.71
L0000578	561317.3	4190765.2	-57.67
L0000578	561337.3	4190765.2	-74.97
L0000578	561357.3	4190765.2	-83.82
L0000578	561377.3	4190765.2	-73.60
L0000578	561397.3	4190765.2	-56.04
L0000578	561277.3	4190785.2	-13.01
L0000578	561297.3	4190785.2	-30.70
L0000578	561317.3	4190785.2	-46.73
L0000578	561337.3	4190785.2	-59.10
L0000578	561357.3	4190785.2	-63.84
L0000578	561377.3	4190785.2	-58.25

L0000578	561397.3	4190785.2	-45.43
L0000578	561277.3	4190805.2	-2.98
L0000578	561297.3	4190805.2	-18.46
L0000578	561317.3	4190805.2	-31.56
L0000578	561337.3	4190805.2	-40.68
L0000578	561357.3	4190805.2	-43.84
L0000578	561377.3	4190805.2	-40.09
L0000578	561397.3	4190805.2	-30.54
L0000578	561297.3	4190825.2	-3.59
L0000578	561317.3	4190825.2	-14.39
L0000578	561337.3	4190825.2	-21.48
L0000578	561357.3	4190825.2	-23.84

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SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0000578	561377.3	4190825.2	-21.04
L0000578	561397.3	4190825.2	-13.57
L0000578	561337.3	4190845.2	-1.96
L0000578	561357.3	4190845.2	-3.84
L0000578	561377.3	4190845.2	-1.61
L0000579	561297.3	4190645.2	-16.67
L0000579	561317.3	4190645.2	-36.59
L0000579	561337.3	4190645.2	-56.42
L0000579	561357.3	4190645.2	-75.97
L0000579	561377.3	4190645.2	-92.57
L0000579	561397.3	4190645.2	-81.74
L0000579	561297.3	4190665.2	-15.90
L0000579	561317.3	4190665.2	-35.58
L0000579	561337.3	4190665.2	-54.96
L0000579	561357.3	4190665.2	-73.42
L0000579	561377.3	4190665.2	-86.42
L0000579	561397.3	4190665.2	-78.49
L0000579	561297.3	4190685.2	-10.55
L0000579	561317.3	4190685.2	-28.73
L0000579	561337.3	4190685.2	-45.62
L0000579	561357.3	4190685.2	-59.56
L0000579	561377.3	4190685.2	-66.63
L0000579	561397.3	4190685.2	-62.69
L0000579	561297.3	4190705.2	-1.35
L0000579	561317.3	4190705.2	-17.48
L0000579	561337.3	4190705.2	-31.54
L0000579	561357.3	4190705.2	-41.99
L0000579	561377.3	4190705.2	-46.68
L0000579	561397.3	4190705.2	-44.13
L0000579	561317.3	4190725.2	-3.37
L0000579	561337.3	4190725.2	-15.05
L0000579	561357.3	4190725.2	-23.23
L0000579	561377.3	4190725.2	-26.70
L0000579	561397.3	4190725.2	-24.83
L0000579	561357.3	4190745.2	-3.96
L0000579	561377.3	4190745.2	-6.72
L0000579	561397.3	4190745.2	-5.24
L0000580	561217.3	4191185.2	-0.53
L0000580	561237.3	4191185.2	-1.34
L0000580	561177.3	4191205.2	-4.73

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0000580	561197.3	4191205.2	-14.47
L0000580	561217.3	4191205.2	-20.28
L0000580	561237.3	4191205.2	-21.29
L0000580	561257.3	4191205.2	-17.33
L0000580	561277.3	4191205.2	-9.03
L0000580	561157.3	4191225.2	-5.68
L0000580	561177.3	4191225.2	-20.40
L0000580	561197.3	4191225.2	-32.35
L0000580	561217.3	4191225.2	-39.87
L0000580	561237.3	4191225.2	-41.21
L0000580	561257.3	4191225.2	-36.00
L0000580	561277.3	4191225.2	-25.60
L0000580	561297.3	4191225.2	-11.82
L0000580	561157.3	4191245.2	-16.59
L0000580	561177.3	4191245.2	-33.69
L0000580	561197.3	4191245.2	-48.65
L0000580	561217.3	4191245.2	-59.05
L0000580	561237.3	4191245.2	-61.06
L0000580	561257.3	4191245.2	-53.56
L0000580	561277.3	4191245.2	-40.03
L0000580	561297.3	4191245.2	-23.60
L0000580	561317.3	4191245.2	-5.79
L0000580	561137.3	4191265.2	-4.19
L0000580	561157.3	4191265.2	-23.72
L0000580	561177.3	4191265.2	-42.92
L0000580	561197.3	4191265.2	-61.30
L0000580	561217.3	4191265.2	-76.81
L0000580	561237.3	4191265.2	-80.57
L0000580	561257.3	4191265.2	-68.10
L0000580	561277.3	4191265.2	-50.43
L0000580	561297.3	4191265.2	-31.46
L0000580	561317.3	4191265.2	-12.04
L0000580	561137.3	4191285.2	-5.98
L0000580	561157.3	4191285.2	-25.98
L0000580	561177.3	4191285.2	-45.97
L0000580	561197.3	4191285.2	-65.96
L0000580	561217.3	4191285.2	-85.91
L0000580	561237.3	4191285.2	-93.81
L0000580	561257.3	4191285.2	-73.96
L0000580	561277.3	4191285.2	-53.98

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
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SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)

L0000580	561297.3	4191285.2	-33.98
L0000580	561317.3	4191285.2	-13.99
L0000580	561137.3	4191305.2	-3.56
L0000580	561157.3	4191305.2	-22.93
L0000580	561177.3	4191305.2	-41.86
L0000580	561197.3	4191305.2	-59.75
L0000580	561217.3	4191305.2	-74.32
L0000580	561237.3	4191305.2	-77.65
L0000580	561257.3	4191305.2	-66.25
L0000580	561277.3	4191305.2	-49.21
L0000580	561297.3	4191305.2	-30.58
L0000580	561317.3	4191305.2	-11.35
L0000580	561157.3	4191325.2	-15.14
L0000580	561177.3	4191325.2	-31.87
L0000580	561197.3	4191325.2	-46.33
L0000580	561217.3	4191325.2	-56.18
L0000580	561237.3	4191325.2	-58.04
L0000580	561257.3	4191325.2	-51.01
L0000580	561277.3	4191325.2	-38.03
L0000580	561297.3	4191325.2	-22.03
L0000580	561317.3	4191325.2	-4.50
L0000580	561157.3	4191345.2	-3.76
L0000580	561177.3	4191345.2	-18.13
L0000580	561197.3	4191345.2	-29.70
L0000580	561217.3	4191345.2	-36.90
L0000580	561237.3	4191345.2	-38.18
L0000580	561257.3	4191345.2	-33.21
L0000580	561277.3	4191345.2	-23.18
L0000580	561297.3	4191345.2	-9.77
L0000580	561177.3	4191365.2	-2.21
L0000580	561197.3	4191365.2	-11.67
L0000580	561217.3	4191365.2	-17.28
L0000580	561237.3	4191365.2	-18.25
L0000580	561257.3	4191365.2	-14.43
L0000580	561277.3	4191365.2	-6.39
L0000581	561177.3	4191285.2	0.28
L0000581	561197.3	4191285.2	-3.84
L0000581	561217.3	4191285.2	-3.89
L0000581	561237.3	4191285.2	0.14
L0000581	561157.3	4191305.2	-9.22

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
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SOURCE ID	RECEPTOR LOCATION XR (METERS)	RECEPTOR LOCATION YR (METERS)	DISTANCE (METERS)
L0000581	561177.3	4191305.2	-18.56
L0000581	561197.3	4191305.2	-23.70
L0000581	561217.3	4191305.2	-23.76
L0000581	561237.3	4191305.2	-18.74
L0000581	561257.3	4191305.2	-9.48
L0000581	561137.3	4191325.2	-10.41
L0000581	561157.3	4191325.2	-25.05
L0000581	561177.3	4191325.2	-36.70
L0000581	561197.3	4191325.2	-43.45
L0000581	561217.3	4191325.2	-43.53
L0000581	561237.3	4191325.2	-36.92

L0000581	561257.3	4191325.2	-25.37
L0000581	561277.3	4191325.2	-10.78
L0000581	561117.3	4191345.2	-2.99
L0000581	561137.3	4191345.2	-21.25
L0000581	561157.3	4191345.2	-38.42
L0000581	561177.3	4191345.2	-53.28
L0000581	561197.3	4191345.2	-62.94
L0000581	561217.3	4191345.2	-63.07
L0000581	561237.3	4191345.2	-53.58
L0000581	561257.3	4191345.2	-38.80
L0000581	561277.3	4191345.2	-21.67
L0000581	561297.3	4191345.2	-3.43
L0000581	561117.3	4191365.2	-8.42
L0000581	561137.3	4191365.2	-28.05
L0000581	561157.3	4191365.2	-47.39
L0000581	561177.3	4191365.2	-65.97
L0000581	561197.3	4191365.2	-81.33
L0000581	561217.3	4191365.2	-81.58
L0000581	561237.3	4191365.2	-66.39
L0000581	561257.3	4191365.2	-47.84
L0000581	561277.3	4191365.2	-28.51
L0000581	561297.3	4191365.2	-8.89
L0000581	561117.3	4191385.2	-9.65
L0000581	561137.3	4191385.2	-29.62
L0000581	561157.3	4191385.2	-49.57
L0000581	561177.3	4191385.2	-69.44
L0000581	561197.3	4191385.2	-88.86
L0000581	561217.3	4191385.2	-89.29
L0000581	561237.3	4191385.2	-69.91

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
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SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0000581	561257.3	4191385.2	-50.04
L0000581	561277.3	4191385.2	-30.09
L0000581	561297.3	4191385.2	-10.13
L0000581	561117.3	4191405.2	-6.52
L0000581	561137.3	4191405.2	-25.65
L0000581	561157.3	4191405.2	-44.15
L0000581	561177.3	4191405.2	-61.15
L0000581	561197.3	4191405.2	-73.55
L0000581	561217.3	4191405.2	-73.73
L0000581	561237.3	4191405.2	-61.52
L0000581	561257.3	4191405.2	-44.58
L0000581	561277.3	4191405.2	-26.09
L0000581	561297.3	4191405.2	-6.98
L0000581	561117.3	4191425.2	0.57
L0000581	561137.3	4191425.2	-16.91
L0000581	561157.3	4191425.2	-32.96
L0000581	561177.3	4191425.2	-46.29
L0000581	561197.3	4191425.2	-54.44
L0000581	561217.3	4191425.2	-54.55
L0000581	561237.3	4191425.2	-46.55
L0000581	561257.3	4191425.2	-33.31
L0000581	561277.3	4191425.2	-17.31
L0000581	561297.3	4191425.2	0.14
L0000581	561137.3	4191445.2	-4.71

L0000581	561157.3	4191445.2	-18.33
L0000581	561177.3	4191445.2	-28.86
L0000581	561197.3	4191445.2	-34.80
L0000581	561217.3	4191445.2	-34.87
L0000581	561237.3	4191445.2	-29.06
L0000581	561257.3	4191445.2	-18.62
L0000581	561277.3	4191445.2	-5.06
L0000581	561157.3	4191465.2	-1.79
L0000581	561177.3	4191465.2	-10.35
L0000581	561197.3	4191465.2	-14.99
L0000581	561217.3	4191465.2	-15.04
L0000581	561237.3	4191465.2	-10.51
L0000581	561257.3	4191465.2	-2.03
L0000582	561157.3	4191385.2	-3.55
L0000582	561177.3	4191385.2	-7.03
L0000582	561197.3	4191385.2	-6.27

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
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SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0000582	561217.3	4191385.2	-1.38
L0000582	561117.3	4191405.2	-1.46
L0000582	561137.3	4191405.2	-13.68
L0000582	561157.3	4191405.2	-22.59
L0000582	561177.3	4191405.2	-26.96
L0000582	561197.3	4191405.2	-26.00
L0000582	561217.3	4191405.2	-19.90
L0000582	561237.3	4191405.2	-9.68
L0000582	561117.3	4191425.2	-15.14
L0000582	561137.3	4191425.2	-29.70
L0000582	561157.3	4191425.2	-40.98
L0000582	561177.3	4191425.2	-46.86
L0000582	561197.3	4191425.2	-45.54
L0000582	561217.3	4191425.2	-37.50
L0000582	561237.3	4191425.2	-24.85
L0000582	561257.3	4191425.2	-9.50
L0000582	561097.3	4191445.2	-7.54
L0000582	561117.3	4191445.2	-25.90
L0000582	561137.3	4191445.2	-43.15
L0000582	561157.3	4191445.2	-57.89
L0000582	561177.3	4191445.2	-66.62
L0000582	561197.3	4191445.2	-64.57
L0000582	561217.3	4191445.2	-53.13
L0000582	561237.3	4191445.2	-37.24
L0000582	561257.3	4191445.2	-19.50
L0000582	561277.3	4191445.2	-0.90
L0000582	561097.3	4191465.2	-12.59
L0000582	561117.3	4191465.2	-32.32
L0000582	561137.3	4191465.2	-51.81
L0000582	561157.3	4191465.2	-70.62
L0000582	561177.3	4191465.2	-85.70
L0000582	561197.3	4191465.2	-81.41
L0000582	561217.3	4191465.2	-64.12
L0000582	561237.3	4191465.2	-44.97
L0000582	561257.3	4191465.2	-25.37
L0000582	561277.3	4191465.2	-5.60
L0000582	561097.3	4191485.2	-13.22

L0000582	561117.3	4191485.2	-33.13
L0000582	561137.3	4191485.2	-52.97
L0000582	561157.3	4191485.2	-72.55

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SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0000582	561177.3	4191485.2	-90.28
L0000582	561197.3	4191485.2	-84.64
L0000582	561217.3	4191485.2	-65.69
L0000582	561237.3	4191485.2	-45.98
L0000582	561257.3	4191485.2	-26.11
L0000582	561277.3	4191485.2	-6.18
L0000582	561097.3	4191505.2	-9.33
L0000582	561117.3	4191505.2	-28.16
L0000582	561137.3	4191505.2	-46.13
L0000582	561157.3	4191505.2	-62.00
L0000582	561177.3	4191505.2	-71.98
L0000582	561197.3	4191505.2	-69.57
L0000582	561217.3	4191505.2	-56.79
L0000582	561237.3	4191505.2	-39.93
L0000582	561257.3	4191505.2	-21.58
L0000582	561277.3	4191505.2	-2.57
L0000582	561097.3	4191525.2	-1.46
L0000582	561117.3	4191525.2	-18.44
L0000582	561137.3	4191525.2	-33.72
L0000582	561157.3	4191525.2	-45.83
L0000582	561177.3	4191525.2	-52.30
L0000582	561197.3	4191525.2	-50.84
L0000582	561217.3	4191525.2	-42.05
L0000582	561237.3	4191525.2	-28.59
L0000582	561257.3	4191525.2	-12.59
L0000582	561117.3	4191545.2	-5.44
L0000582	561137.3	4191545.2	-18.25
L0000582	561157.3	4191545.2	-27.72
L0000582	561177.3	4191545.2	-32.43
L0000582	561197.3	4191545.2	-31.39
L0000582	561217.3	4191545.2	-24.85
L0000582	561237.3	4191545.2	-14.04
L0000582	561257.3	4191545.2	-0.35
L0000582	561137.3	4191565.2	-1.14
L0000582	561157.3	4191565.2	-8.82
L0000582	561177.3	4191565.2	-12.50
L0000582	561197.3	4191565.2	-11.70
L0000582	561217.3	4191565.2	-6.52
L0000583	561117.3	4191485.2	-0.87
L0000583	561137.3	4191485.2	-7.58

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
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SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0000583	561157.3	4191485.2	-10.24
L0000583	561177.3	4191485.2	-8.50
L0000583	561197.3	4191485.2	-2.60
L0000583	561097.3	4191505.2	-6.61
L0000583	561117.3	4191505.2	-18.53
L0000583	561137.3	4191505.2	-26.84
L0000583	561157.3	4191505.2	-30.23
L0000583	561177.3	4191505.2	-28.01
L0000583	561197.3	4191505.2	-20.64
L0000583	561217.3	4191505.2	-9.37
L0000583	561077.3	4191525.2	-3.99
L0000583	561097.3	4191525.2	-20.42
L0000583	561117.3	4191525.2	-34.82
L0000583	561137.3	4191525.2	-45.57
L0000583	561157.3	4191525.2	-50.22
L0000583	561177.3	4191525.2	-47.15
L0000583	561197.3	4191525.2	-37.48
L0000583	561217.3	4191525.2	-23.68
L0000583	561237.3	4191525.2	-7.59
L0000583	561077.3	4191545.2	-12.66
L0000583	561097.3	4191545.2	-31.13
L0000583	561117.3	4191545.2	-48.44
L0000583	561137.3	4191545.2	-62.94
L0000583	561157.3	4191545.2	-70.19
L0000583	561177.3	4191545.2	-65.30
L0000583	561197.3	4191545.2	-51.84
L0000583	561217.3	4191545.2	-34.93
L0000583	561237.3	4191545.2	-16.63
L0000583	561077.3	4191565.2	-17.30
L0000583	561097.3	4191565.2	-37.12
L0000583	561117.3	4191565.2	-56.77
L0000583	561137.3	4191565.2	-75.83
L0000583	561157.3	4191565.2	-90.04
L0000583	561177.3	4191565.2	-79.64
L0000583	561197.3	4191565.2	-60.89
L0000583	561217.3	4191565.2	-41.30
L0000583	561237.3	4191565.2	-21.51
L0000583	561257.3	4191565.2	-1.63
L0000583	561077.3	4191585.2	-17.24
L0000583	561097.3	4191585.2	-37.03

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

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SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0000583	561117.3	4191585.2	-56.64
L0000583	561137.3	4191585.2	-75.61
L0000583	561157.3	4191585.2	-89.51
L0000583	561177.3	4191585.2	-79.38
L0000583	561197.3	4191585.2	-60.75
L0000583	561217.3	4191585.2	-41.21
L0000583	561237.3	4191585.2	-21.44

L0000583	561257.3	4191585.2	-1.58
L0000583	561077.3	4191605.2	-12.48
L0000583	561097.3	4191605.2	-30.90
L0000583	561117.3	4191605.2	-48.13
L0000583	561137.3	4191605.2	-62.51
L0000583	561157.3	4191605.2	-69.66
L0000583	561177.3	4191605.2	-64.84
L0000583	561197.3	4191605.2	-51.51
L0000583	561217.3	4191605.2	-34.68
L0000583	561237.3	4191605.2	-16.44
L0000583	561077.3	4191625.2	-3.71
L0000583	561097.3	4191625.2	-20.09
L0000583	561117.3	4191625.2	-34.42
L0000583	561137.3	4191625.2	-45.08
L0000583	561157.3	4191625.2	-49.68
L0000583	561177.3	4191625.2	-46.64
L0000583	561197.3	4191625.2	-37.05
L0000583	561217.3	4191625.2	-23.34
L0000583	561237.3	4191625.2	-7.30
L0000584	561097.3	4191585.2	-6.01
L0000584	561117.3	4191585.2	-11.90
L0000584	561137.3	4191585.2	-13.46
L0000584	561157.3	4191585.2	-10.46
L0000584	561177.3	4191585.2	-3.33
L0000584	561077.3	4191605.2	-12.55
L0000584	561097.3	4191605.2	-24.01
L0000584	561117.3	4191605.2	-31.43
L0000584	561137.3	4191605.2	-33.44
L0000584	561157.3	4191605.2	-29.59
L0000584	561177.3	4191605.2	-20.72
L0000584	561197.3	4191605.2	-8.28
L0000584	561057.3	4191625.2	-10.22
L0000584	561077.3	4191625.2	-26.60

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0000584	561097.3	4191625.2	-40.71
L0000584	561117.3	4191625.2	-50.57
L0000584	561137.3	4191625.2	-53.41
L0000584	561157.3	4191625.2	-48.06
L0000584	561177.3	4191625.2	-36.55
L0000584	561197.3	4191625.2	-21.56
L0000584	561217.3	4191625.2	-4.71

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
(1=YES; 0=NO)

1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1

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          1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1
1 1
          1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1
1 1
          1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1
1 1
          1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1
1 1
          1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1
1 1
          1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1
1 1
          1 1 1 1 1 1 1 1 1 1   1 1 1 1 1
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NOTE: METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT IS INCLUDED IN THE DATA FILE.

*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES ***
(METERS/SEC)

1.54, 3.09, 5.14, 8.23, 10.80,

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

Surface file: ..\BERKLEY FERRY\BERKLEY FERRY.SFC Met Version: 18081
Profile file: ..\BERKLEY FERRY\BERKLEY FERRY.PFL
Surface format: FREE

Profile format: FREE

Surface station no.: 0 Upper air station no.: 0
Name: OAKLAND_INTERNATIONAL_AIIRPORT_-_BAAQMD Name: OAKLAND
Year: 2013 Year: 2013

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O LEN	Z0	BOWEN	ALBEDO	REF WS	WD	HT	REF TA	HT
13	01	01	1	01	-7.9	0.116	-9.000	-9.000	-999.	95.	18.0	0.04	0.38	1.00	1.76	999.	10.0	278.8	2.0
13	01	01	1	02	-10.3	0.133	-9.000	-9.000	-999.	116.	20.6	0.04	0.38	1.00	2.03	32.	10.0	278.1	2.0
13	01	01	1	03	-22.6	0.220	-9.000	-9.000	-999.	248.	53.3	0.08	0.38	1.00	2.81	111.	10.0	278.8	2.0
13	01	01	1	04	-12.8	0.148	-9.000	-9.000	-999.	139.	24.2	0.04	0.38	1.00	2.25	59.	10.0	278.8	2.0
13	01	01	1	05	-18.7	0.183	-9.000	-9.000	-999.	189.	37.0	0.04	0.38	1.00	2.74	46.	10.0	280.4	2.0
13	01	01	1	06	-24.9	0.244	-9.000	-9.000	-999.	289.	65.3	0.04	0.38	1.00	3.59	29.	10.0	279.2	2.0
13	01	01	1	07	-20.6	0.200	-9.000	-9.000	-999.	216.	44.2	0.04	0.38	1.00	2.98	58.	10.0	278.8	2.0
13	01	01	1	08	-13.6	0.158	-9.000	-9.000	-999.	151.	27.5	0.08	0.38	0.73	2.06	100.	10.0	278.8	2.0
13	01	01	1	09	2.9	0.198	0.145	0.005	38.	212.	-243.5	0.04	0.38	0.36	2.70	38.	10.0	281.4	2.0
13	01	01	1	10	30.3	0.318	0.419	0.005	88.	430.	-96.6	0.04	0.38	0.23	4.20	49.	10.0	282.5	2.0
13	01	01	1	11	51.4	0.425	0.653	0.008	197.	665.	-136.2	0.04	0.38	0.18	5.69	55.	10.0	284.2	

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2.0
 13 01 01   1 12   63.4  0.409  0.872  0.007  381.  628.    -98.4  0.04   0.38   0.17    5.41   39.   10.0  284.9
2.0
 13 01 01   1 13   65.4  0.584  1.066  0.005  674. 1071.   -277.3  0.04   0.38   0.16    7.96   43.   10.0  284.9
2.0
 13 01 01   1 14   57.7  0.597  1.105  0.005  850. 1105.   -334.8  0.04   0.38   0.17    8.16   49.   10.0  285.9
2.0
 13 01 01   1 15   40.5  0.511  0.996  0.008  889.  886.   -300.4  0.04   0.38   0.20    6.98   51.   10.0  286.4
2.0
 13 01 01   1 16   15.0  0.468  0.718  0.008  894.  772.   -622.3  0.04   0.38   0.29    6.46   41.   10.0  285.4
2.0
 13 01 01   1 17  -31.4  0.404 -9.000 -9.000 -999.  620.    191.3  0.04   0.38   0.52    5.80   47.   10.0  283.8
2.0
 13 01 01   1 18  -29.2  0.289 -9.000 -9.000 -999.  381.     91.7  0.08   0.38   1.00    3.64   95.   10.0  282.5
2.0
 13 01 01   1 19  -33.0  0.324 -9.000 -9.000 -999.  443.    115.6  0.08   0.38   1.00    4.07   90.   10.0  280.4
2.0
 13 01 01   1 20  -29.0  0.283 -9.000 -9.000 -999.  363.     88.3  0.04   0.38   1.00    4.15   57.   10.0  279.2
2.0
 13 01 01   1 21  -17.9  0.182 -9.000 -9.000 -999.  191.     36.5  0.08   0.38   1.00    2.35   89.   10.0  279.2
2.0
 13 01 01   1 22  -14.1  0.161 -9.000 -9.000 -999.  156.     28.6  0.08   0.38   1.00    2.10  114.   10.0  279.9
2.0
 13 01 01   1 23  -10.1  0.136 -9.000 -9.000 -999.  120.     22.5  0.08   0.38   1.00    1.79   99.   10.0  279.9
2.0
 13 01 01   1 24   -8.8  0.123 -9.000 -9.000 -999.  104.     19.4  0.05   0.38   1.00    1.81  125.   10.0  278.8
2.0


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 13 01 01 01   10.0 1 -999.    1.76   278.8   99.0  -99.00  -99.00

 F indicates top of profile (=1) or below (=0)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

  PAGE 666
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

                            *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: BLPM
***
                                INCLUDING SOURCE(S):     BLPM        ,

                                 *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                      ** CONC OF PM_10    IN MICROGRAMS/M**3                         **

    Y-COORD  |                                              X-COORD (METERS)
    (METERS) |     559917.30    559937.30    559957.30    559977.30    559997.30    560017.30    560037.30
560057.30    560077.30
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

  4191625.17 |       0.10713      0.12967      0.15099      0.16474      0.16635      0.15667      0.14127
0.12647      0.11612
  4191605.17 |       0.10498      0.12781      0.15083      0.16734      0.17173      0.16359      0.14813
0.13235      0.12082
  4191585.17 |       0.10291      0.12569      0.15019      0.16941      0.17671      0.17044      0.15530
0.13876      0.12593
  4191565.17 |       0.10098      0.12342      0.14911      0.17084      0.18077      0.17678      0.16243
0.14532      0.13129
  4191545.17 |       0.09932      0.12092      0.14737      0.17159      0.18467      0.18347      0.17011
0.15220      0.13698
  4191525.17 |       0.09794      0.11834      0.14511      0.17164      0.18846      0.19043      0.17828
0.15951      0.14307
  4191505.17 |       0.09704      0.11608      0.14288      0.17148      0.19228      0.19748      0.18684
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0.16772      0.14986
  4191485.17 |       0.09667      0.11402      0.14042      0.17066      0.19513      0.20425      0.19578
0.17697      0.15778
  4191465.17 |       0.09688      0.11231      0.13783      0.16929      0.19712      0.21059      0.20505
0.18716      0.16664
  4191445.17 |       0.09784      0.11130      0.13564      0.16786      0.19897      0.21716      0.21528
0.19747      0.17543
  4191425.17 |       0.09955      0.11073      0.13344      0.16598      0.20000      0.22295      0.22499
0.20822      0.18498
  4191405.17 |       0.10213      0.11075      0.13144      0.16374      0.20017      0.22770      0.23423
0.21946      0.19535
  4191385.17 |       0.10582      0.11164      0.12974      0.16095      0.19916      0.23139      0.24321
0.23121      0.20657
  4191365.17 |       0.11043      0.11348      0.12867      0.15814      0.19748      0.23416      0.25180
0.24341      0.21871
  4191345.17 |       0.11601      0.11636      0.12839      0.15551      0.19519      0.23594      0.25979
0.25593      0.23179
  4191325.17 |       0.12278      0.12038      0.12910      0.15330      0.19247      0.23667      0.26700
0.26867      0.24584
  4191305.17 |       0.13077      0.12581      0.13098      0.15156      0.18939      0.23640      0.27329
0.28143      0.26083
  4191285.17 |       0.14006      0.13276      0.13423      0.15056      0.18630      0.23519      0.27847
0.29398      0.27673
  4191265.17 |       0.15068      0.14099      0.13911      0.15139      0.18367      0.23314      0.28237
0.30609      0.29349
  4191245.17 |       0.16269      0.15084      0.14551      0.15351      0.18166      0.23045      0.28494
0.31750      0.31097
  4191225.17 |       0.17614      0.16237      0.15373      0.15710      0.18051      0.22739      0.28610
0.32792      0.32900
  4191205.17 |       0.19101      0.17566      0.16394      0.16261      0.18020      0.22359      0.28515
0.33691      0.34734
  4191185.17 |       0.20723      0.19078      0.17614      0.17004      0.18188      0.22063      0.28333
0.34385      0.36532
  4191165.17 |       0.22479      0.20779      0.19063      0.17990      0.18586      0.21891      0.28085
0.34876      0.38268
  4191145.17 |       0.24349      0.22663      0.20776      0.19317      0.19253      0.21870      0.27796
0.35263      0.39977
  4191125.17 |       0.26305      0.24721      0.22726      0.20915      0.20215      0.22057      0.27513
0.35457      0.41554
  4191105.17 |       0.28320      0.26938      0.24915      0.22805      0.21500      0.22516      0.27296
0.35474      0.42953
  4191085.17 |       0.30311      0.29275      0.27350      0.25017      0.23161      0.23313      0.27233
0.35351      0.44132
  4191065.17 |       0.32334      0.31715      0.30002      0.27566      0.25224      0.24514      0.27415
0.35150      0.45053
  4191045.17 |       0.34356      0.34209      0.32847      0.30454      0.27723      0.26181      0.27944
0.34956      0.45674
  4191025.17 |       0.36288      0.36688      0.35834      0.33656      0.30681      0.28378      0.28927
0.34888      0.45968
  4191005.17 |       0.38226      0.39123      0.38904      0.37140      0.34110      0.31161      0.30478
0.35021      0.46035
  4190985.17 |       0.40286      0.41518      0.41986      0.40842      0.37997      0.34573      0.32686
0.35539      0.45942
  4190965.17 |       0.42669      0.43953      0.45043      0.44700      0.42307      0.38657      0.35689
0.36785      0.45906
  4190945.17 |       0.45655      0.46601      0.48076      0.48610      0.46968      0.43379      0.39498
0.38816      0.46185
  4190925.17 |       0.49541      0.49746      0.51196      0.52511      0.51881      0.48717      0.44221
0.41862      0.47012
  4190905.17 |       0.54672      0.53792      0.54678      0.56422      0.56930      0.54673      0.50051
0.46132      0.48682
  4190885.17 |       0.61277      0.59172      0.58963      0.60532      0.62082      0.61122      0.56886
0.51783      0.51546
  4190865.17 |       0.69423      0.66308      0.64612      0.65274      0.67377      0.67909      0.64643
0.58965      0.56001
  4190845.17 |       0.78807      0.75402      0.72260      0.71294      0.72951      0.74738      0.73162
0.67740      0.62429
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
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*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: BLPM
***

INCLUDING SOURCE(S):   BLPM   ,

*** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10   IN MICROGRAMS/M**3   **

Y-COORD (METERS)	X-COORD (METERS)							
	559917.30	559937.30	559957.30	559977.30	559997.30	560017.30	560037.30	560057.30	560077.30
4190825.17	0.88603	0.86277	0.82366	0.79465	0.79528	0.81774	0.82350	0.78125	0.71189
4190805.17	0.97531	0.98058	0.94938	0.90574	0.88202	0.89618	0.92072	0.89887	0.82553
4190785.17	1.04636	1.08975	1.08903	1.04908	1.00565	0.99657	1.02375	1.02732	0.96608
4190765.17	1.10545	1.18091	1.22881	1.22120	1.17304	1.13265	1.14073	1.16452	1.13228
4190745.17	1.17631	1.26013	1.35010	1.40027	1.38141	1.32308	1.29325	1.31416	1.32032
4190725.17	1.28059	1.35244	1.45144	1.55619	1.60757	1.57503	1.51135	1.50047	1.53216
4190705.17	1.39647	1.47766	1.56888	1.69079	1.81531	1.86611	1.81662	1.75686	1.77363
4190685.17	1.49444	1.61273	1.72325	1.84309	1.99722	2.14756	2.19512	2.12994	2.08661
4190665.17	1.56762	1.72520	1.88399	2.03664	2.19897	2.39892	2.58375	2.62442	2.53666
4190645.17	1.60229	1.80110	2.01269	2.23067	2.44607	2.67250	2.94100	3.17265	3.18369

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: BLPM
***

INCLUDING SOURCE(S):   BLPM   ,

*** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10   IN MICROGRAMS/M**3   **

Y-COORD (METERS)	X-COORD (METERS)							
	560097.30	560117.30	560137.30	560157.30	560177.30	560197.30	560217.30	560237.30	560257.30
4191625.17	0.10977	0.10553	0.10206	0.09914	0.09722	0.09637	0.09650	0.09792	0.10120
4191605.17	0.11368	0.10911	0.10541	0.10230	0.10021	0.09928	0.09940	0.10092	0.10440
4191585.17	0.11786	0.11289	0.10896	0.10564	0.10337	0.10235	0.10246	0.10408	0.10778
4191565.17	0.12228	0.11662	0.11237	0.10883	0.10638	0.10540	0.10569		

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0.10742      0.11135
  4191545.17 |       0.12706      0.12092      0.11627      0.11239      0.10974      0.10876      0.10909
0.11095      0.11513
  4191525.17 |       0.13227      0.12571      0.12067      0.11638      0.11350      0.11240      0.11273
0.11472      0.11917
  4191505.17 |       0.13782      0.13056      0.12545      0.12126      0.11814      0.11688      0.11718
0.11929      0.12389
  4191485.17 |       0.14429      0.13618      0.13066      0.12627      0.12289      0.12137      0.12156
0.12382      0.12862
  4191465.17 |       0.15154      0.14244      0.13632      0.13139      0.12774      0.12588      0.12589
0.12832      0.13351
  4191445.17 |       0.15863      0.14846      0.14181      0.13651      0.13255      0.13050      0.13050
0.13312      0.13882
  4191425.17 |       0.16637      0.15494      0.14768      0.14196      0.13767      0.13541      0.13539
0.13822      0.14438
  4191405.17 |       0.17478      0.16193      0.15397      0.14780      0.14314      0.14065      0.14060
0.14366      0.15026
  4191385.17 |       0.18397      0.16951      0.16071      0.15405      0.14899      0.14624      0.14617
0.14949      0.15656
  4191365.17 |       0.19402      0.17772      0.16795      0.16074      0.15524      0.15221      0.15213
0.15572      0.16328
  4191345.17 |       0.20504      0.18665      0.17576      0.16791      0.16193      0.15861      0.15849
0.16238      0.17050
  4191325.17 |       0.21711      0.19641      0.18418      0.17565      0.16913      0.16547      0.16531
0.16954      0.17827
  4191305.17 |       0.23035      0.20708      0.19330      0.18397      0.17689      0.17284      0.17263
0.17725      0.18663
  4191285.17 |       0.24488      0.21881      0.20321      0.19298      0.18524      0.18076      0.18051
0.18554      0.19562
  4191265.17 |       0.26081      0.23171      0.21401      0.20273      0.19426      0.18930      0.18900
0.19449      0.20534
  4191245.17 |       0.27824      0.24597      0.22581      0.21330      0.20402      0.19853      0.19816
0.20416      0.21584
  4191225.17 |       0.29724      0.26175      0.23873      0.22478      0.21461      0.20853      0.20807
0.21466      0.22722
  4191205.17 |       0.31788      0.27924      0.25295      0.23731      0.22610      0.21935      0.21882
0.22603      0.23958
  4191185.17 |       0.34017      0.29867      0.26864      0.25102      0.23863      0.23113      0.23051
0.23842      0.25301
  4191165.17 |       0.36409      0.32029      0.28607      0.26605      0.25233      0.24397      0.24325
0.25193      0.26767
  4191145.17 |       0.38955      0.34433      0.30546      0.28260      0.26735      0.25800      0.25717
0.26673      0.28370
  4191125.17 |       0.41631      0.37104      0.32714      0.30087      0.28386      0.27339      0.27241
0.28298      0.30127
  4191105.17 |       0.44406      0.40065      0.35142      0.32116      0.30207      0.29030      0.28917
0.30086      0.32054
  4191085.17 |       0.47233      0.43335      0.37877      0.34371      0.32218      0.30894      0.30763
0.32059      0.34177
  4191065.17 |       0.50056      0.46923      0.40965      0.36895      0.34452      0.32957      0.32801
0.34242      0.36520
  4191045.17 |       0.52800      0.50835      0.44464      0.39732      0.36942      0.35247      0.35063
0.36666      0.39113
  4191025.17 |       0.55178      0.55019      0.48429      0.42939      0.39727      0.37798      0.37582
0.39366      0.41996
  4191005.17 |       0.57376      0.59467      0.52926      0.46580      0.42857      0.40656      0.40397
0.42392      0.45211
  4190985.17 |       0.59357      0.64158      0.58024      0.50738      0.46397      0.43867      0.43561
0.45764      0.48778
  4190965.17 |       0.60616      0.68601      0.63594      0.55515      0.50413      0.47373      0.46811
0.49113      0.52239
  4190945.17 |       0.61642      0.72973      0.69639      0.60624      0.54629      0.51145      0.50487
0.53104      0.56383
  4190925.17 |       0.62434      0.77141      0.76097      0.66178      0.59157      0.55219      0.54729
0.57896      0.61424
  4190905.17 |       0.63114      0.81323      0.83886      0.73449      0.65092      0.60463      0.59939
0.63851      0.67707
  4190885.17 |       0.63904      0.85028      0.92552      0.82247      0.72084      0.66668      0.66173
0.70532      0.74654
```

```
  4190865.17 |       0.65236      0.88172      1.01800      0.92801      0.80304      0.73987      0.73524
0.78158      0.82458
  4190845.17 |       0.67679      0.90807      1.10738      1.04012      0.90376      0.82598      0.81712
0.86991      0.91584
```



```
                            *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: BLPM
***
                                INCLUDING SOURCE(S):     BLPM        ,

                                 *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                      ** CONC OF PM_10    IN MICROGRAMS/M**3                          **

    Y-COORD  |                                            X-COORD (METERS)
    (METERS) |     560097.30    560117.30    560137.30    560157.30    560177.30    560197.30    560217.30
560237.30    560257.30
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

  4190825.17 |       0.71950      0.93228      1.20191      1.18043      1.02357      0.92707      0.91376
0.97409      1.02354
  4190805.17 |       0.78864      0.96051      1.29680      1.34905      1.16606      1.04556      1.02886
1.09801      1.15202
  4190785.17 |       0.89268      1.00291      1.38130      1.53431      1.33867      1.18869      1.16750
1.24713      1.31259
  4190765.17 |       1.03960      1.07413      1.46016      1.74331      1.55175      1.36380      1.33657
1.43500      1.51151
  4190745.17 |       1.23508      1.19284      1.53936      1.97344      1.81721      1.58125      1.54796
1.67328      1.75547
  4190725.17 |       1.48074      1.38024      1.63562      2.21966      2.15063      1.85556      1.81120
1.96019      2.05117
  4190705.17 |       1.77324      1.65705      1.78064      2.47687      2.57194      2.21589      2.16156
2.33105      2.42240
  4190685.17 |       2.11149      2.03755      2.02247      2.74609      3.10434      2.69483      2.62687
2.81716      2.89411
  4190665.17 |       2.51968      2.52362      2.42143      3.04697      3.77260      3.32647      3.22683
3.46304      3.50770
  4190645.17 |       3.08640      3.12435      3.04307      3.44574      4.60058      4.20389      4.05601
4.35155      4.34121
```



```
                            *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: BLPM
***
                                INCLUDING SOURCE(S):     BLPM        ,

                                 *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                      ** CONC OF PM_10    IN MICROGRAMS/M**3                          **

    Y-COORD  |                                            X-COORD (METERS)
    (METERS) |     560277.30    560297.30    560317.30    560337.30    560357.30    560377.30    560397.30
560417.30    560437.30
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

  4191625.17 |       0.10602      0.11140      0.11652      0.12039      0.12195      0.12061      0.11876
```

0.11877 0.12121
4191605.17 | 0.10946 0.11510 0.12033 0.12405 0.12511 0.12366 0.12214
0.12266 0.12553
4191585.17 | 0.11312 0.11898 0.12432 0.12780 0.12816 0.12673 0.12576
0.12682 0.13006
4191565.17 | 0.11696 0.12309 0.12850 0.13179 0.13181 0.13002 0.12911
0.13073 0.13424
4191545.17 | 0.12103 0.12742 0.13290 0.13595 0.13565 0.13368 0.13303
0.13524 0.13886
4191525.17 | 0.12536 0.13200 0.13753 0.14030 0.13966 0.13773 0.13761
0.14035 0.14395
4191505.17 | 0.13023 0.13689 0.14240 0.14486 0.14388 0.14209 0.14255
0.14580 0.14916
4191485.17 | 0.13528 0.14207 0.14752 0.14963 0.14836 0.14679 0.14789
0.15158 0.15444
4191465.17 | 0.14047 0.14750 0.15291 0.15463 0.15312 0.15188 0.15366
0.15765 0.15975
4191445.17 | 0.14636 0.15332 0.15856 0.15988 0.15819 0.15738 0.15989
0.16399 0.16505
4191425.17 | 0.15245 0.15969 0.16464 0.16541 0.16364 0.16338 0.16656
0.17052 0.17025
4191405.17 | 0.15886 0.16655 0.17121 0.17132 0.16958 0.17000 0.17371
0.17720 0.17533
4191385.17 | 0.16567 0.17390 0.17862 0.17855 0.17695 0.17790 0.18191
0.18461 0.18063
4191365.17 | 0.17290 0.18146 0.18600 0.18568 0.18436 0.18615 0.19057
0.19210 0.18590
4191345.17 | 0.18063 0.18937 0.19351 0.19283 0.19193 0.19484 0.19954
0.19951 0.19131
4191325.17 | 0.18894 0.19778 0.20149 0.20054 0.20024 0.20399 0.20834
0.20639 0.19597
4191305.17 | 0.19784 0.20674 0.20997 0.20888 0.20932 0.21385 0.21737
0.21308 0.20113
4191285.17 | 0.20739 0.21626 0.21902 0.21790 0.21927 0.22440 0.22657
0.21971 0.20708
4191265.17 | 0.21764 0.22646 0.22868 0.22774 0.23015 0.23559 0.23590
0.22648 0.21364
4191245.17 | 0.22871 0.23738 0.23908 0.23850 0.24203 0.24729 0.24522
0.23340 0.22085
4191225.17 | 0.24065 0.24907 0.25033 0.25038 0.25498 0.25947 0.25444
0.24068 0.22906
4191205.17 | 0.25356 0.26167 0.26256 0.26346 0.26899 0.27204 0.26375
0.24872 0.23866
4191185.17 | 0.26754 0.27524 0.27589 0.27788 0.28404 0.28491 0.27326
0.25780 0.24974
4191165.17 | 0.28270 0.28993 0.29055 0.29378 0.30011 0.29792 0.28317
0.26822 0.26267
4191145.17 | 0.29916 0.30587 0.30671 0.31130 0.31707 0.31113 0.29389
0.28047 0.27773
4191125.17 | 0.31712 0.32326 0.32465 0.33060 0.33489 0.32461 0.30587
0.29480 0.29524
4191105.17 | 0.33671 0.34234 0.34464 0.35169 0.35339 0.33860 0.31959
0.31169 0.31572
4191085.17 | 0.35814 0.36333 0.36689 0.37460 0.37245 0.35356 0.33571
0.33163 0.33963
4191065.17 | 0.38168 0.38662 0.39174 0.39927 0.39217 0.37005 0.35480
0.35512 0.36696
4191045.17 | 0.40764 0.41266 0.41950 0.42564 0.41260 0.38878 0.37751
0.38286 0.39783
4191025.17 | 0.43641 0.44191 0.45045 0.45359 0.43435 0.41080 0.40442
0.41352 0.42961
4191005.17 | 0.46847 0.47388 0.48340 0.48164 0.45669 0.43500 0.43453
0.44825 0.46360
4190985.17 | 0.50363 0.50909 0.51858 0.50992 0.48086 0.46289 0.46816
0.48690 0.50032
4190965.17 | 0.53776 0.54664 0.55575 0.53879 0.50845 0.49933 0.51275
0.53239 0.54310
4190945.17 | 0.57977 0.59198 0.59770 0.57196 0.54362 0.54391 0.56432
0.58404 0.59205

```
  4190925.17 |       0.63092      0.64534      0.64472      0.61107      0.58858      0.59873      0.62388
0.64241      0.64474
  4190905.17 |       0.69530      0.71121      0.70101      0.66196      0.64870      0.66872      0.69268
0.70427      0.69113
  4190885.17 |       0.76701      0.78242      0.75984      0.72021      0.71980      0.74764      0.76836
0.76910      0.72837
  4190865.17 |       0.84791      0.85967      0.82355      0.79005      0.80458      0.83551      0.84982
0.82939      0.75547
  4190845.17 |       0.94252      0.94585      0.89817      0.87789      0.90645      0.93528      0.93566
0.87773      0.78141
1 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                  ***
  09:59:03

  PAGE 671
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

                            *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: BLPM
***
                                INCLUDING SOURCE(S):     BLPM        ,

                                 *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                      ** CONC OF PM_10    IN MICROGRAMS/M**3                          **

    Y-COORD  |                                          X-COORD (METERS)
    (METERS) |     560277.30    560297.30    560317.30    560337.30    560357.30    560377.30    560397.30
560417.30    560437.30
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

  4190825.17 |       1.05339      1.04251      0.99168      0.99315      1.03126      1.05150      1.02032
0.91967      0.82481
  4190805.17 |       1.18319      1.15300      1.11144      1.14005      1.17948      1.17840      1.09372
0.96964      0.89938
  4190785.17 |       1.34766      1.29593      1.26594      1.31134      1.34057      1.29186      1.15243
1.04150      1.00877
  4190765.17 |       1.53458      1.46608      1.46435      1.51661      1.51391      1.38796      1.22968
1.16184      1.16914
  4190745.17 |       1.75053      1.67984      1.71432      1.75688      1.67941      1.48358      1.36028
1.34792      1.38321
  4190725.17 |       2.01357      1.96487      2.02762      2.02105      1.82730      1.62728      1.57602
1.60974      1.63565
  4190705.17 |       2.34928      2.34827      2.40879      2.27916      1.99933      1.87626      1.89865
1.93359      1.95084
  4190685.17 |       2.80129      2.85845      2.84193      2.53084      2.28774      2.27714      2.32131
2.34424      2.39914
  4190665.17 |       3.43739      3.51573      3.28339      2.87961      2.78872      2.83870      2.86914
2.92444      2.85673
  4190645.17 |       4.34741      4.30114      3.77452      3.51100      3.55136      3.59154      3.64023
3.50044      3.17495
1 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                  ***
  09:59:03

  PAGE 672
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

                            *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: BLPM
***
                                INCLUDING SOURCE(S):     BLPM        ,

                                 *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                      ** CONC OF PM_10    IN MICROGRAMS/M**3                          **

    Y-COORD  |                                            X-COORD (METERS)
```

(METERS)	560457.30	560477.30	560497.30	560517.30	560537.30	560557.30	560577.30	560597.30	560617.30
4191625.17	0.12449	0.12582	0.12325	0.11760	0.11180	0.10830	0.10730	0.10772	0.10894
4191605.17	0.12870	0.12921	0.12557	0.11930	0.11355	0.11066	0.11013	0.11080	0.11249
4191585.17	0.13294	0.13245	0.12775	0.12109	0.11540	0.11314	0.11307	0.11407	0.11620
4191565.17	0.13660	0.13495	0.12924	0.12249	0.11766	0.11606	0.11642	0.11787	0.12068
4191545.17	0.14051	0.13762	0.13104	0.12447	0.12061	0.11968	0.12039	0.12245	0.12606
4191525.17	0.14469	0.14050	0.13330	0.12710	0.12423	0.12391	0.12505	0.12786	0.13230
4191505.17	0.14874	0.14326	0.13570	0.13008	0.12798	0.12819	0.12990	0.13351	0.13846
4191485.17	0.15267	0.14596	0.13844	0.13376	0.13236	0.13295	0.13533	0.13976	0.14486
4191465.17	0.15648	0.14876	0.14154	0.13802	0.13732	0.13834	0.14143	0.14658	0.15141
4191445.17	0.16017	0.15172	0.14478	0.14196	0.14198	0.14397	0.14817	0.15378	0.15789
4191425.17	0.16376	0.15491	0.14871	0.14670	0.14757	0.15065	0.15589	0.16145	0.16454
4191405.17	0.16734	0.15843	0.15328	0.15223	0.15417	0.15840	0.16438	0.16943	0.17130
4191385.17	0.17108	0.16247	0.15843	0.15819	0.16084	0.16632	0.17289	0.17695	0.17760
4191365.17	0.17540	0.16750	0.16444	0.16495	0.16864	0.17506	0.18130	0.18404	0.18412
4191345.17	0.18030	0.17342	0.17124	0.17261	0.17758	0.18443	0.18957	0.19099	0.19125
4191325.17	0.18457	0.17906	0.17836	0.18127	0.18749	0.19443	0.19824	0.19872	0.19959
4191305.17	0.19019	0.18594	0.18651	0.19104	0.19835	0.20468	0.20704	0.20722	0.20870
4191285.17	0.19740	0.19406	0.19598	0.20209	0.20990	0.21501	0.21618	0.21678	0.21843
4191265.17	0.20566	0.20328	0.20676	0.21429	0.22189	0.22545	0.22610	0.22743	0.22832
4191245.17	0.21481	0.21415	0.21925	0.22759	0.23415	0.23630	0.23718	0.23884	0.23698
4191225.17	0.22505	0.22676	0.23360	0.24168	0.24666	0.24798	0.24949	0.25010	0.24336
4191205.17	0.23683	0.24134	0.24934	0.25628	0.25958	0.26096	0.26265	0.25979	0.24693
4191185.17	0.25026	0.25744	0.26629	0.27133	0.27349	0.27532	0.27546	0.26683	0.24791
4191165.17	0.26582	0.27531	0.28390	0.28704	0.28884	0.29059	0.28642	0.27069	0.24752
4191145.17	0.28385	0.29500	0.30333	0.30583	0.30638	0.30539	0.29421	0.27175	0.24718
4191125.17	0.30441	0.31626	0.32307	0.32539	0.32511	0.31782	0.29757	0.27085	0.24762
4191105.17	0.32760	0.33875	0.34370	0.34610	0.34346	0.32678	0.29786	0.27055	0.25015
4191085.17	0.35314	0.36240	0.36626	0.36790	0.35921	0.33338	0.30091	0.27639	0.26194
4191065.17	0.38071	0.38703	0.39004	0.38763	0.36889	0.33579	0.30454	0.28437	0.27529
4191045.17	0.40951	0.41333	0.41442	0.40316	0.37289	0.33703	0.31038	0.29562	0.29093
4191025.17	0.43947	0.44307	0.43800	0.41266	0.37394	0.34020	0.32068	0.31371	0.31386
4191005.17	0.47129	0.47291	0.45644	0.41798	0.37791	0.35078	0.33873	0.33759	0.34255

```
  4190985.17 |       0.50597      0.49999      0.46877      0.42275      0.38825      0.36970      0.36399
0.36817      0.37847
  4190965.17 |       0.54459      0.52377      0.47673      0.43026      0.40462      0.39464      0.39510
0.40606      0.42165
  4190945.17 |       0.58297      0.54175      0.48600      0.44674      0.43056      0.42793      0.43579
0.45357      0.46827
  4190925.17 |       0.61547      0.55577      0.50225      0.47419      0.46653      0.47191      0.48787
0.50669      0.51235
  4190905.17 |       0.63613      0.56910      0.52704      0.51198      0.51439      0.52949      0.54820
0.55841      0.55560
  4190885.17 |       0.65266      0.59258      0.56635      0.56414      0.57803      0.59826      0.60859
0.60920      0.61230
  4190865.17 |       0.67560      0.63265      0.62302      0.63460      0.65654      0.66956      0.66900
0.67488      0.69864
  4190845.17 |       0.71620      0.69815      0.70617      0.72920      0.74569      0.74537      0.74856
0.77494      0.80812
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                  ***
  09:59:03

  PAGE 673
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

                            *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: BLPM
***
                                INCLUDING SOURCE(S):     BLPM        ,

                                 *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                      ** CONC OF PM_10    IN MICROGRAMS/M**3                        **

    Y-COORD  |                                            X-COORD (METERS)
    (METERS) |     560457.30    560477.30    560497.30    560517.30    560537.30    560557.30    560577.30
560597.30    560617.30
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

  4190825.17 |       0.78477      0.78839      0.81238      0.83284      0.83434      0.83827      0.86618
0.90000      0.90273
  4190805.17 |       0.88749      0.90920      0.93388      0.93804      0.94294      0.97399      1.00846
1.00298      0.94886
  4190785.17 |       1.02593      1.05509      1.06271      1.06882      1.10346      1.13752      1.12076
1.05099      0.96798
  4190765.17 |       1.20223      1.21443      1.22219      1.26071      1.29271      1.26053      1.17236
1.07874      1.00722
  4190745.17 |       1.40156      1.41149      1.45426      1.48143      1.42835      1.31874      1.21371
1.13487      1.06803
  4190725.17 |       1.64862      1.69586      1.71395      1.63286      1.49831      1.38024      1.28944
1.20504      1.11783
  4190705.17 |       2.00241      2.00479      1.88634      1.72270      1.58779      1.47712      1.36807
1.26025      1.16610
  4190685.17 |       2.37500      2.20674      2.00837      1.84858      1.70647      1.56614      1.43909
1.33988      1.27011
  4190665.17 |       2.62188      2.37895      2.17899      1.99143      1.81695      1.67647      1.57665
1.50643      1.44983
  4190645.17 |       2.86853      2.60385      2.35808      2.15362      2.00622      1.90279      1.82021
1.74430      1.67194
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                  ***
  09:59:03

  PAGE 674
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

                            *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: BLPM
***
                                INCLUDING SOURCE(S):     BLPM        ,
```

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)								
	560637.30	560657.30	560677.30	560697.30	560717.30	560737.30	560757.30	560777.30	560797.30
4191625.17	0.11149	0.11532	0.11915	0.12120	0.12077	0.11937	0.11865	0.11945	0.12077
4191605.17	0.11563	0.11980	0.12323	0.12442	0.12312	0.12175	0.12185	0.12324	0.12443
4191585.17	0.11981	0.12400	0.12669	0.12693	0.12547	0.12464	0.12553	0.12733	0.12738
4191565.17	0.12477	0.12866	0.13051	0.12999	0.12902	0.12896	0.13007	0.13122	0.12958
4191545.17	0.13051	0.13388	0.13478	0.13396	0.13330	0.13404	0.13526	0.13468	0.13084
4191525.17	0.13685	0.13934	0.13954	0.13864	0.13832	0.13963	0.14041	0.13747	0.13111
4191505.17	0.14254	0.14403	0.14355	0.14311	0.14390	0.14510	0.14421	0.13937	0.13087
4191485.17	0.14816	0.14858	0.14781	0.14803	0.14963	0.15023	0.14711	0.13990	0.12983
4191465.17	0.15360	0.15320	0.15256	0.15363	0.15533	0.15438	0.14878	0.13912	0.12864
4191445.17	0.15894	0.15819	0.15841	0.16018	0.16045	0.15704	0.14891	0.13805	0.12753
4191425.17	0.16462	0.16405	0.16525	0.16665	0.16469	0.15809	0.14786	0.13660	0.12699
4191405.17	0.17078	0.17086	0.17237	0.17252	0.16759	0.15789	0.14599	0.13547	0.12716
4191385.17	0.17719	0.17823	0.17948	0.17718	0.16885	0.15679	0.14457	0.13485	0.12785
4191365.17	0.18450	0.18601	0.18575	0.17996	0.16860	0.15528	0.14374	0.13545	0.13000
4191345.17	0.19275	0.19392	0.19050	0.18074	0.16727	0.15402	0.14391	0.13737	0.13374
4191325.17	0.20161	0.20097	0.19369	0.18041	0.16586	0.15360	0.14523	0.14028	0.13811
4191305.17	0.21004	0.20609	0.19465	0.17917	0.16486	0.15447	0.14807	0.14456	0.14356
4191285.17	0.21725	0.20880	0.19396	0.17784	0.16504	0.15677	0.15233	0.15032	0.14985
4191265.17	0.22312	0.20992	0.19266	0.17731	0.16674	0.16052	0.15760	0.15683	0.15700
4191245.17	0.22658	0.20932	0.19162	0.17834	0.17019	0.16593	0.16430	0.16432	0.16544
4191225.17	0.22755	0.20817	0.19179	0.18109	0.17557	0.17319	0.17230	0.17312	0.17610
4191205.17	0.22700	0.20763	0.19385	0.18609	0.18275	0.18186	0.18214	0.18420	0.18963
4191185.17	0.22618	0.20878	0.19819	0.19320	0.19169	0.19164	0.19348	0.19826	0.20619
4191165.17	0.22635	0.21233	0.20506	0.20240	0.20208	0.20325	0.20747	0.21537	0.22432
4191145.17	0.22897	0.21863	0.21438	0.21334	0.21399	0.21803	0.22574	0.23542	0.24162
4191125.17	0.23285	0.22686	0.22522	0.22605	0.22935	0.23721	0.24718	0.25460	0.25602
4191105.17	0.23841	0.23666	0.23784	0.24192	0.24930	0.26012	0.26881	0.27090	0.26774
4191085.17	0.25567	0.25417	0.25694	0.26416	0.27460	0.28382	0.28714	0.28429	0.28047
4191065.17	0.27265	0.27376	0.28004	0.29077	0.30154	0.30614	0.30393	0.29992	0.30090

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BLPM ***

INCLUDING SOURCE(S): BLPM ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	560817.30	560837.30	560857.30	560877.30	560897.30	560917.30	560937.30	560957.30	560977.30
4191625.17	0.12085	0.11822	0.11259	0.10530	0.09801	0.09200	0.08758	0.08454	0.08285
4191605.17	0.12311	0.11855	0.11160	0.10391	0.09703	0.09168	0.08805	0.08585	0.08482
4191585.17	0.12428	0.11792	0.11014	0.10260	0.09642	0.09197	0.08914	0.08762	0.08717
4191565.17	0.12433	0.11679	0.10858	0.10147	0.09612	0.09256	0.09055	0.08997	0.08991
4191545.17	0.12368	0.11534	0.10730	0.10096	0.09659	0.09390	0.09275	0.09253	0.09272
4191525.17	0.12251	0.11388	0.10657	0.10120	0.09776	0.09597	0.09538	0.09549	0.09551
4191505.17	0.12103	0.11282	0.10654	0.10238	0.09972	0.09871	0.09856	0.09862	0.09871
4191485.17	0.11995	0.11248	0.10725	0.10403	0.10247	0.10193	0.10197	0.10215	0.10232
4191465.17	0.11963	0.11304	0.10865	0.10634	0.10577	0.10574	0.10558	0.10598	0.10690
4191445.17	0.11943	0.11413	0.11109	0.10971	0.10961	0.10960	0.10966	0.11019	0.11213
4191425.17	0.12009	0.11594	0.11412	0.11365	0.11350	0.11360	0.11404	0.11563	0.11902
4191405.17	0.12160	0.11864	0.11773	0.11783	0.11765	0.11792	0.11943	0.12270	0.12741
4191385.17	0.12363	0.12191	0.12188	0.12216	0.12235	0.12360	0.12666	0.13138	0.13671
4191365.17	0.12715	0.12635	0.12654	0.12704	0.12817	0.13092	0.13561	0.14114	0.14588
4191345.17	0.13209	0.13146	0.13189	0.13301	0.13553	0.14010	0.14588	0.15100	0.15379
4191325.17	0.13747	0.13714	0.13796	0.14059	0.14494	0.15081	0.15646	0.15975	0.15991
4191305.17	0.14340	0.14350	0.14565	0.15018	0.15616	0.16219	0.16598	0.16665	0.16439
4191285.17	0.15019	0.15132	0.15547	0.16185	0.16830	0.17271	0.17375	0.17169	0.16836
4191265.17	0.15833	0.16135	0.16724	0.17431	0.17976	0.18135	0.17946	0.17611	0.17376
4191245.17	0.16862	0.17388	0.18105	0.18702	0.18946	0.18790	0.18443	0.18190	0.18273
4191225.17	0.18171	0.18856	0.19510	0.19826	0.19696	0.19343	0.19074	0.19158	0.19675
4191205.17	0.19737	0.20458	0.20788	0.20669	0.20316	0.20035	0.20126	0.20726	0.21682
4191185.17	0.21420	0.21879	0.21804	0.21411	0.21116	0.21177	0.21756	0.22839	0.24065
4191165.17	0.22990	0.22986	0.22631	0.22316	0.22399	0.22987	0.24027	0.25314	0.26474
4191145.17	0.24244	0.23892	0.23559	0.23642	0.24323	0.25498	0.26831	0.27938	0.28494
4191125.17	0.25265	0.24918	0.25003	0.25736	0.27005	0.28461	0.29598	0.29998	0.29545

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BLPM ***

INCLUDING SOURCE(S): BLPM ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)								
	560817.30	560837.30	560857.30	560877.30	560897.30	560917.30	560937.30	560957.30	560977.30
4191105.17	0.26407	0.26498	0.27287	0.28644	0.30159	0.31316	0.31662	0.31018	0.29547
4191085.17	0.28158	0.29084	0.30556	0.32145	0.33295	0.33444	0.32522	0.30841	0.28870
4191065.17	0.31008	0.32638	0.34315	0.35363	0.35359	0.34195	0.32267	0.30090	0.28169
4191045.17	0.35004	0.36710	0.37677	0.37407	0.35951	0.33797	0.31488	0.29466	0.28028
4191025.17	0.39250	0.40120	0.39615	0.37852	0.35461	0.33005	0.30980	0.29505	0.28631
4191005.17	0.42813	0.42015	0.39922	0.37284	0.34773	0.32739	0.31317	0.30325	0.29640
4190985.17	0.44635	0.42188	0.39299	0.36706	0.34774	0.33414	0.32394	0.31466	0.30515
4190965.17	0.44683	0.41549	0.38893	0.36991	0.35722	0.34739	0.33699	0.32352	0.31004
4190945.17	0.44083	0.41385	0.39515	0.38234	0.37148	0.35966	0.34530	0.32746	0.31083
4190925.17	0.44241	0.42391	0.41041	0.39765	0.38309	0.36647	0.34799	0.32745	0.30977
4190905.17	0.45663	0.44171	0.42619	0.40836	0.38856	0.36811	0.34764	0.32702	0.31089
4190885.17	0.47643	0.45724	0.43560	0.41247	0.38949	0.36822	0.34927	0.33210	0.32015
4190865.17	0.49113	0.46511	0.43865	0.41353	0.39141	0.37332	0.35949	0.34864	0.34146
4190845.17	0.49754	0.46792	0.44135	0.41934	0.40263	0.39096	0.38336	0.37784	0.37190
4190825.17	0.50175	0.47478	0.45406	0.43945	0.42980	0.42328	0.41810	0.41282	0.40447
4190805.17	0.51638	0.49792	0.48558	0.47716	0.47036	0.46351	0.45570	0.44690	0.43513
4190785.17	0.55337	0.54238	0.53344	0.52451	0.51459	0.50369	0.49234	0.48130	0.46868
4190765.17	0.61052	0.59884	0.58613	0.57253	0.55875	0.54568	0.53406	0.52402	0.51279
4190745.17	0.67421	0.65707	0.64019	0.62461	0.61089	0.59891	0.58819	0.57797	0.56618
4190725.17	0.74162	0.72271	0.70604	0.69119	0.67731	0.66338	0.64866	0.63262	0.61473
4190705.17	0.82544	0.80610	0.78712	0.76739	0.74625	0.72337	0.69901	0.67367	0.64784
4190685.17	0.92352	0.89489	0.86432	0.83206	0.79879	0.76519	0.73198	0.69979	0.66899
4190665.17	1.00854	0.96370	0.91888	0.87503	0.83288	0.79286	0.75516	0.71980	0.68677
4190645.17	1.06592	1.00926	0.95595	0.90614	0.85982	0.81685	0.77697		

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BLPM ***

INCLUDING SOURCE(S): BLPM ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	560997.30	561017.30	561037.30	561057.30	561077.30	561097.30	561117.30	561137.30	561157.30
4191625.17	0.08225	0.08220	0.08229	0.08227	0.08212	0.08240	0.08351	0.08574	0.08898
4191605.17	0.08461	0.08471	0.08471	0.08462	0.08473	0.08565	0.08775	0.09088	0.09454
4191585.17	0.08725	0.08717	0.08724	0.08741	0.08798	0.08990	0.09303	0.09673	0.10031
4191565.17	0.09000	0.08981	0.08993	0.09075	0.09244	0.09532	0.09900	0.10278	0.10559
4191545.17	0.09279	0.09270	0.09328	0.09498	0.09789	0.10159	0.10537	0.10846	0.10990
4191525.17	0.09558	0.09620	0.09765	0.10041	0.10425	0.10822	0.11143	0.11318	0.11300
4191505.17	0.09896	0.10020	0.10293	0.10692	0.11106	0.11462	0.11661	0.11668	0.11506
4191485.17	0.10328	0.10563	0.10952	0.11407	0.11799	0.12029	0.12049	0.11896	0.11651
4191465.17	0.10903	0.11249	0.11701	0.12126	0.12427	0.12473	0.12308	0.12061	0.11828
4191445.17	0.11573	0.12030	0.12481	0.12791	0.12886	0.12757	0.12500	0.12252	0.12118
4191425.17	0.12377	0.12857	0.13204	0.13324	0.13211	0.12962	0.12702	0.12546	0.12611
4191405.17	0.13255	0.13641	0.13793	0.13701	0.13448	0.13182	0.13027	0.13060	0.13352
4191385.17	0.14103	0.14296	0.14218	0.13972	0.13695	0.13534	0.13600	0.13922	0.14483
4191365.17	0.14825	0.14777	0.14531	0.14240	0.14068	0.14124	0.14464	0.15062	0.15838
4191345.17	0.15366	0.15124	0.14823	0.14639	0.14709	0.15048	0.15639	0.16458	0.17305
4191325.17	0.15758	0.15448	0.15250	0.15318	0.15674	0.16332	0.17167	0.18047	0.18763
4191305.17	0.16117	0.15909	0.15971	0.16359	0.17041	0.17900	0.18811	0.19556	0.19903
4191285.17	0.16617	0.16692	0.17086	0.17792	0.18744	0.19651	0.20393	0.20733	0.20523
4191265.17	0.17453	0.17909	0.18674	0.19622	0.20593	0.21305	0.21578	0.21294	0.20477
4191245.17	0.18758	0.19616	0.20620	0.21568	0.22263	0.22460	0.22079	0.21148	0.19868
4191225.17	0.20589	0.21694	0.22678	0.23288	0.23386	0.22901	0.21871	0.20577	0.19191
4191205.17	0.22805	0.23857	0.24480	0.24448	0.23761	0.22635	0.21208	0.19831	0.18696
4191185.17	0.25133	0.25718	0.25595	0.24790	0.23463	0.21976	0.20534	0.19376	0.18596

  4191165.17 | 0.27073   0.26842   0.25861   0.24393   0.22782   0.21343   0.20213
0.19412   0.18902
  4191145.17 | 0.28213   0.27000   0.25422   0.23763   0.22233   0.21069   0.20256
0.19784   0.19470
  4191125.17 | 0.28305   0.26496   0.24699   0.23177   0.22045   0.21281   0.20798
0.20471   0.20154
  4191105.17 | 0.27700   0.25820   0.24220   0.23037   0.22361   0.21922   0.21566
0.21175   0.20685
  4191085.17 | 0.26992   0.25442   0.24297   0.23521   0.23076   0.22674   0.22188
0.21599   0.20899
  4191065.17 | 0.26710   0.25689   0.24979   0.24404   0.23835   0.23230   0.22546
0.21744   0.20895
  4191045.17 | 0.27100   0.26465   0.25944   0.25296   0.24334   0.23468   0.22624
0.21684   0.20757
  4191025.17 | 0.28014   0.27267   0.26576   0.25797   0.24737   0.23581   0.22442
0.21503   0.20577
  4191005.17 | 0.28925   0.27894   0.26918   0.25879   0.24722   0.23468   0.22276
0.21356   0.20521
  4190985.17 | 0.29438   0.28225   0.26957   0.25688   0.24476   0.23304   0.22271
0.21464   0.20846
  4190965.17 | 0.29613   0.28188   0.26768   0.25440   0.24317   0.23400   0.22692
0.22172   0.21810
  4190945.17 | 0.29516   0.28002   0.26637   0.25496   0.24676   0.24107   0.23742
0.23507   0.23349
  4190925.17 | 0.29434   0.28025   0.26972   0.26262   0.25858   0.25591   0.25423
0.25302   0.25175
  4190905.17 | 0.29844   0.28829   0.28250   0.27959   0.27843   0.27661   0.27434
0.27206   0.26907
  4190885.17 | 0.31219   0.30684   0.30449   0.30346   0.30181   0.29825   0.29377
0.28931   0.28443
  4190865.17 | 0.33647   0.33359   0.33154   0.32871   0.32409   0.31805   0.31133
0.30571   0.30029
  4190845.17 | 0.36620   0.36256   0.35729   0.35128   0.34455   0.33773   0.33149
0.32707   0.32286

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                           *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: BLPM
***
                               INCLUDING SOURCE(S):   BLPM   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 560997.30   561017.30   561037.30   561057.30   561077.30   561097.30   561117.30
561137.30   561157.30
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  4190825.17 | 0.39509   0.38908   0.38207   0.37492   0.36814   0.36236   0.35773
0.35442   0.35106
  4190805.17 | 0.42329   0.41650   0.41061   0.40531   0.39984   0.39510   0.39065
0.38615   0.38123
  4190785.17 | 0.45732   0.45205   0.44755   0.44295   0.43712   0.43091   0.42395
0.41609   0.40726
  4190765.17 | 0.50291   0.49663   0.49044   0.48303   0.47321   0.46229   0.45039
0.43776   0.42464
  4190745.17 | 0.55307   0.54081   0.52842   0.51531   0.49964   0.48346   0.46710
0.45090   0.43509
  4190725.17 | 0.59458   0.57207   0.55269   0.53425   0.51565   0.49649   0.47785
0.46007   0.44320
  4190705.17 | 0.62107   0.59171   0.56812   0.54700   0.52708   0.50688   0.48731

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BLPM
***

INCLUDING SOURCE(S): BLPM ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	561177.30	561197.30	561217.30	561237.30	561257.30	561277.30	561297.30	561317.30	561337.30
4191625.17	0.09246	0.09560	0.09765	0.09818	0.09729	0.09544	0.09339	0.09170	0.09093
4191605.17	0.09795	0.10022	0.10091	0.10015	0.09829	0.09619	0.09442	0.09373	0.09417
4191585.17	0.10280	0.10376	0.10315	0.10133	0.09915	0.09731	0.09653	0.09713	0.09908
4191565.17	0.10680	0.10630	0.10451	0.10224	0.10035	0.09949	0.10010	0.10229	0.10573
4191545.17	0.10956	0.10782	0.10551	0.10354	0.10262	0.10323	0.10552	0.10929	0.11415
4191525.17	0.11132	0.10899	0.10690	0.10594	0.10653	0.10893	0.11289	0.11816	0.12387
4191505.17	0.11266	0.11047	0.10943	0.11003	0.11253	0.11670	0.12223	0.12836	0.13419
4191485.17	0.11427	0.11312	0.11382	0.11646	0.12078	0.12653	0.13291	0.13900	0.14382
4191465.17	0.11702	0.11768	0.12055	0.12533	0.13117	0.13768	0.14402	0.14862	0.15140
4191445.17	0.12187	0.12469	0.12945	0.13569	0.14250	0.14889	0.15387	0.15634	0.15592
4191425.17	0.12907	0.13403	0.14062	0.14773	0.15438	0.15944	0.16173	0.16033	0.15639
4191405.17	0.13874	0.14509	0.15313	0.16027	0.16525	0.16719	0.16552	0.16042	0.15334
4191385.17	0.15222	0.15991	0.16652	0.17135	0.17243	0.17032	0.16488	0.15741	0.14884
4191365.17	0.16649	0.17350	0.17764	0.17840	0.17575	0.16972	0.16147	0.15242	0.14365
4191345.17	0.18017	0.18435	0.18481	0.18145	0.17445	0.16554	0.15603	0.14704	0.13941
4191325.17	0.19149	0.19110	0.18681	0.17936	0.16977	0.15982	0.15067	0.14314	0.13753
4191305.17	0.19816	0.19269	0.18409	0.17400	0.16380	0.15461	0.14724	0.14187	0.13838
4191285.17	0.19923	0.18975	0.17851	0.16762	0.15870	0.15171	0.14664	0.14348	0.14163
4191265.17	0.19358	0.18175	0.17166	0.16330	0.15558	0.15139	0.14898	0.14696	0.14577
4191245.17	0.18496	0.17374	0.16661	0.16163	0.15549	0.15338	0.15253	0.15110	0.14967

  4191225.17 | 0.17922   0.17014   0.16554   0.16280   0.15888   0.15718   0.15600
0.15450   0.15212
  4191205.17 | 0.17858   0.17274   0.16927   0.16691   0.16493   0.16246   0.15923
0.15633   0.15297
  4191185.17 | 0.18100   0.17768   0.17504   0.17267   0.16975   0.16575   0.16113
0.15667   0.15262
  4191165.17 | 0.18586   0.18346   0.18089   0.17734   0.17225   0.16702   0.16173
0.15623   0.15164
  4191145.17 | 0.19214   0.18936   0.18508   0.17959   0.17301   0.16730   0.16177
0.15558   0.15033
  4191125.17 | 0.19761   0.19304   0.18683   0.18005   0.17308   0.16691   0.16092
0.15455   0.14900
  4191105.17 | 0.20092   0.19424   0.18677   0.17932   0.17280   0.16614   0.15972
0.15374   0.14848
  4191085.17 | 0.20145   0.19362   0.18581   0.17809   0.17113   0.16454   0.15870
0.15395   0.14981
  4191065.17 | 0.20043   0.19206   0.18410   0.17666   0.17000   0.16429   0.15978
0.15685   0.15454
  4191045.17 | 0.19865   0.19032   0.18280   0.17631   0.17107   0.16717   0.16468
0.16358   0.16305
  4191025.17 | 0.19725   0.18986   0.18383   0.17930   0.17619   0.17460   0.17403
0.17392   0.17395
  4191005.17 | 0.19825   0.19298   0.18948   0.18741   0.18631   0.18613   0.18617
0.18592   0.18539
  4190985.17 | 0.20413   0.20143   0.20046   0.20026   0.19989   0.19948   0.19873
0.19747   0.19568
  4190965.17 | 0.21597   0.21559   0.21518   0.21475   0.21372   0.21215   0.21000
0.20734   0.20433
  4190945.17 | 0.23241   0.23194   0.23090   0.22904   0.22625   0.22304   0.21961
0.21605   0.21260
  4190925.17 | 0.24998   0.24757   0.24491   0.24172   0.23715   0.23296   0.22922
0.22587   0.22300
  4190905.17 | 0.26533   0.26114   0.25644   0.25180   0.24810   0.24464   0.24168
0.23933   0.23750
  4190885.17 | 0.27935   0.27446   0.26993   0.26601   0.26306   0.26074   0.25880
0.25720   0.25571
  4190865.17 | 0.29549   0.29148   0.28878   0.28654   0.28358   0.28137   0.27928
0.27722   0.27465
  4190845.17 | 0.31926   0.31629   0.31294   0.30951   0.30652   0.30227   0.29809
0.29568   0.29086

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                           *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: BLPM
***
                               INCLUDING SOURCE(S):   BLPM   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 561177.30   561197.30   561217.30   561237.30   561257.30   561277.30   561297.30
561317.30   561337.30
 -
- - - - - - - -

  4190825.17 | 0.34768   0.34414   0.33927   0.33371   0.32781   0.32076   0.31353
0.30752   0.30048
  4190805.17 | 0.37564   0.36927   0.36205   0.35359   0.34314   0.33369   0.32433
0.31341   0.30498
  4190785.17 | 0.39757   0.38725   0.37648   0.36501   0.35202   0.34065   0.33016
0.32019   0.30921
  4190765.17 | 0.41132   0.39802   0.38498   0.37201   0.35819   0.34593   0.33486

0.32541 0.31404
4190745.17 | 0.41985 0.40526 0.39137 0.37799 0.36437 0.35163 0.33970
0.32992 0.31940
4190725.17 | 0.42724 0.41215 0.39787 0.38435 0.37120 0.35762 0.34463
0.33265 0.32187
4190705.17 | 0.43507 0.41956 0.40491 0.39106 0.37796 0.36459 0.35154
0.33867 0.32727
4190685.17 | 0.44375 0.42794 0.41305 0.39900 0.38576 0.37326 0.36096
0.34784 0.33546
4190665.17 | 0.45423 0.43815 0.42299 0.40864 0.39503 0.38211 0.36949
0.35659 0.34419
4190645.17 | 0.46599 0.44917 0.43323 0.41809 0.40369 0.38998 0.37673
0.36363 0.35055

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BLPM ***

INCLUDING SOURCE(S): BLPM ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 561357.30	561377.30	561397.30
4191625.17	0.09128	0.09322	0.09635
4191605.17	0.09595	0.09924	0.10363
4191585.17	0.10227	0.10687	0.11215
4191565.17	0.11029	0.11578	0.12130
4191545.17	0.11960	0.12531	0.13018
4191525.17	0.12953	0.13444	0.13767
4191505.17	0.13893	0.14200	0.14259
4191485.17	0.14658	0.14671	0.14440
4191465.17	0.15145	0.14818	0.14295
4191445.17	0.15248	0.14632	0.13917
4191425.17	0.14997	0.14217	0.13421
4191405.17	0.14524	0.13702	0.12943
4191385.17	0.14033	0.13271	0.12640
4191365.17	0.13600	0.12997	0.12537
4191345.17	0.13359	0.12948	0.12671
4191325.17	0.13374	0.13145	0.12995
4191305.17	0.13634	0.13513	0.13398
4191285.17	0.14038	0.13924	0.13766
4191265.17	0.14456	0.14254	0.13990
4191245.17	0.14757	0.14443	0.14062
4191225.17	0.14904	0.14489	0.14018
4191205.17	0.14916	0.14434	0.13931
4191185.17	0.14837	0.14345	0.13821
4191165.17	0.14715	0.14222	0.13703
4191145.17	0.14564	0.14094	0.13600
4191125.17	0.14424	0.14020	0.13614
4191105.17	0.14416	0.14134	0.13879
4191085.17	0.14684	0.14566	0.14482
4191065.17	0.15327	0.15342	0.15359
4191045.17	0.16300	0.16351	0.16363
4191025.17	0.17391	0.17400	0.17337
4191005.17	0.18448	0.18348	0.18166
4190985.17	0.19348	0.19136	0.18862
4190965.17	0.20121	0.19859	0.19576
4190945.17	0.20953	0.20735	0.20522

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: BLPM
***

INCLUDING SOURCE(S):   BLPM   ,

*** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10   IN MICROGRAMS/M**3   **

Y-COORD (METERS)	X-COORD (METERS) 561357.30	561377.30	561397.30
4190825.17	0.29293	0.28516	0.27796
4190805.17	0.29738	0.28877	0.28104
4190785.17	0.29873	0.29111	0.28365
4190765.17	0.30272	0.29423	0.28669
4190745.17	0.30886	0.29823	0.29016
4190725.17	0.31218	0.30361	0.29509
4190705.17	0.31730	0.30950	0.30095
4190685.17	0.32428	0.31561	0.30730
4190665.17	0.33254	0.32142	0.31221
4190645.17	0.33798	0.32615	0.31580

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: BLPM
***

INCLUDING SOURCE(S):   BLPM   ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10   IN MICROGRAMS/M**3   **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
560122.00	4190978.00	0.65181	560142.00	4190978.00	0.57960
560162.00	4190978.00	0.51052	560182.00	4190978.00	0.46993
560202.00	4190978.00	0.44727	560222.00	4190978.00	0.45003
560242.00	4190978.00	0.47686	560262.00	4190978.00	0.50531
560102.00	4190998.00	0.59945	560122.00	4190998.00	0.60164
560142.00	4190998.00	0.52864	560162.00	4190998.00	0.46887
560182.00	4190998.00	0.43396	560202.00	4190998.00	0.41486

560222.00	4190998.00	0.41790	560242.00	4190998.00	0.44264
560262.00	4190998.00	0.46993	560282.00	4190998.00	0.48196
560302.00	4190998.00	0.48785	560322.00	4190998.00	0.49707
560102.00	4191018.00	0.57088	560122.00	4191018.00	0.55356
560142.00	4191018.00	0.48356	560162.00	4191018.00	0.43238
560182.00	4191018.00	0.40211	560202.00	4191018.00	0.38544
560222.00	4191018.00	0.38820	560242.00	4191018.00	0.41046
560262.00	4191018.00	0.43635	560282.00	4191018.00	0.44923
560302.00	4191018.00	0.45498	560322.00	4191018.00	0.46445
560342.00	4191018.00	0.46086	560362.00	4191018.00	0.43618
560382.00	4191018.00	0.41690	560402.00	4191018.00	0.41663
560102.00	4191038.00	0.54193	560122.00	4191038.00	0.50926
560142.00	4191038.00	0.44403	560162.00	4191038.00	0.40019
560182.00	4191038.00	0.37379	560202.00	4191038.00	0.35921
560222.00	4191038.00	0.36170	560242.00	4191038.00	0.38178
560262.00	4191038.00	0.40625	560282.00	4191038.00	0.41942
560302.00	4191038.00	0.42398	560322.00	4191038.00	0.43246
560342.00	4191038.00	0.43398	560362.00	4191038.00	0.41430
560382.00	4191038.00	0.39232	560402.00	4191038.00	0.38690
560422.00	4191038.00	0.39658	560442.00	4191038.00	0.41231
560462.00	4191038.00	0.42121	560082.00	4191058.00	0.47353
560102.00	4191058.00	0.51090	560122.00	4191058.00	0.46874
560142.00	4191058.00	0.40933	560162.00	4191058.00	0.37168
560182.00	4191058.00	0.34849	560202.00	4191058.00	0.33568
560222.00	4191058.00	0.33793	560242.00	4191058.00	0.35608
560262.00	4191058.00	0.37914	560282.00	4191058.00	0.39262
560302.00	4191058.00	0.39644	560322.00	4191058.00	0.40344
560342.00	4191058.00	0.40837	560362.00	4191058.00	0.39435
560382.00	4191058.00	0.37171	560402.00	4191058.00	0.36163
560422.00	4191058.00	0.36694	560442.00	4191058.00	0.38124
560462.00	4191058.00	0.39263	560082.00	4191078.00	0.46076
560102.00	4191078.00	0.47920	560122.00	4191078.00	0.43198
560142.00	4191078.00	0.37872	560162.00	4191078.00	0.34631

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BLPM ***

INCLUDING SOURCE(S): BLPM ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
560182.00	4191078.00	0.32580	560202.00	4191078.00	0.31449
560222.00	4191078.00	0.31655	560242.00	4191078.00	0.33298
560262.00	4191078.00	0.35468	560282.00	4191078.00	0.36840
560302.00	4191078.00	0.37191	560322.00	4191078.00	0.37728
560342.00	4191078.00	0.38405	560362.00	4191078.00	0.37568
560382.00	4191078.00	0.35419	560402.00	4191078.00	0.34025
560422.00	4191078.00	0.34090	560442.00	4191078.00	0.35225
560462.00	4191078.00	0.36550	560482.00	4191078.00	0.37233
560502.00	4191078.00	0.37549	560082.00	4191098.00	0.44552
560102.00	4191098.00	0.44815	560122.00	4191098.00	0.39887
560142.00	4191098.00	0.35162	560162.00	4191098.00	0.32360
560182.00	4191098.00	0.30537	560202.00	4191098.00	0.29536
560222.00	4191098.00	0.29725	560242.00	4191098.00	0.31213
560262.00	4191098.00	0.33252	560282.00	4191098.00	0.34637
560302.00	4191098.00	0.34996	560322.00	4191098.00	0.35378
560342.00	4191098.00	0.36110	560362.00	4191098.00	0.35766
560382.00	4191098.00	0.33886	560402.00	4191098.00	0.32228
560422.00	4191098.00	0.31881	560442.00	4191098.00	0.32654
560462.00	4191098.00	0.33952	560482.00	4191098.00	0.34852
560502.00	4191098.00	0.35221	560522.00	4191098.00	0.35372
560062.00	4191118.00	0.37360	560082.00	4191118.00	0.42825
560102.00	4191118.00	0.41829	560122.00	4191118.00	0.36917
560142.00	4191118.00	0.32754	560162.00	4191118.00	0.30318
560182.00	4191118.00	0.28690	560202.00	4191118.00	0.27802
560222.00	4191118.00	0.27974	560242.00	4191118.00	0.29324
560262.00	4191118.00	0.31236	560282.00	4191118.00	0.32629
560302.00	4191118.00	0.33019	560322.00	4191118.00	0.33261

560342.00	4191118.00	0.33967	560362.00	4191118.00	0.34015
560382.00	4191118.00	0.32500	560402.00	4191118.00	0.30706
560422.00	4191118.00	0.29999	560442.00	4191118.00	0.30402
560462.00	4191118.00	0.31542	560482.00	4191118.00	0.32621
560502.00	4191118.00	0.33102	560522.00	4191118.00	0.33273
560062.00	4191138.00	0.36969	560082.00	4191138.00	0.40950
560102.00	4191138.00	0.38998	560122.00	4191138.00	0.34255
560142.00	4191138.00	0.30608	560162.00	4191138.00	0.28473
560182.00	4191138.00	0.27015	560202.00	4191138.00	0.26225
560222.00	4191138.00	0.26382	560242.00	4191138.00	0.27609
560262.00	4191138.00	0.29401	560282.00	4191138.00	0.30789
560302.00	4191138.00	0.31224	560322.00	4191138.00	0.31360
560342.00	4191138.00	0.31978	560362.00	4191138.00	0.32310

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BLPM ***

INCLUDING SOURCE(S): BLPM ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
560382.00	4191138.00	0.31210	560402.00	4191138.00	0.29411
560422.00	4191138.00	0.28400	560442.00	4191138.00	0.28467
560462.00	4191138.00	0.29350	560482.00	4191138.00	0.30493
560502.00	4191138.00	0.31146	560062.00	4191158.00	0.36368
560082.00	4191158.00	0.38982	560102.00	4191158.00	0.36346
560122.00	4191158.00	0.31868	560142.00	4191158.00	0.28682
560162.00	4191158.00	0.26803	560182.00	4191158.00	0.25492
560202.00	4191158.00	0.24787	560222.00	4191158.00	0.24932
560242.00	4191158.00	0.26048	560262.00	4191158.00	0.27725
560282.00	4191158.00	0.29100	560302.00	4191158.00	0.29587
560322.00	4191158.00	0.29649	560342.00	4191158.00	0.30146
560362.00	4191158.00	0.30656	560382.00	4191158.00	0.29969

560402.00	4191158.00	0.28283	560422.00	4191158.00	0.27042
560442.00	4191158.00	0.26809	560462.00	4191158.00	0.27403
560482.00	4191158.00	0.28478	560502.00	4191158.00	0.29190
560062.00	4191178.00	0.35638	560082.00	4191178.00	0.36998
560102.00	4191178.00	0.33883	560122.00	4191178.00	0.29730
560142.00	4191178.00	0.26950	560162.00	4191178.00	0.25285
560182.00	4191178.00	0.24103	560202.00	4191178.00	0.23473
560222.00	4191178.00	0.23606	560242.00	4191178.00	0.24623
560322.00	4191178.00	0.28108	560342.00	4191178.00	0.28474
560362.00	4191178.00	0.29071	560382.00	4191178.00	0.28754
560402.00	4191178.00	0.27280	560422.00	4191178.00	0.25876
560442.00	4191178.00	0.25381	560462.00	4191178.00	0.25696
560482.00	4191178.00	0.26609	560502.00	4191178.00	0.27392
560062.00	4191198.00	0.34762	560082.00	4191198.00	0.35024
560102.00	4191198.00	0.31609	560122.00	4191198.00	0.27811
560142.00	4191198.00	0.25388	560162.00	4191198.00	0.23902
560182.00	4191198.00	0.22832	560202.00	4191198.00	0.22269
560222.00	4191198.00	0.22390	560362.00	4191198.00	0.27560
560382.00	4191198.00	0.27553	560402.00	4191198.00	0.26357
560422.00	4191198.00	0.24886	560442.00	4191198.00	0.24151
560462.00	4191198.00	0.24217	560482.00	4191198.00	0.24906
560042.00	4191218.00	0.29914	560062.00	4191218.00	0.33645
560082.00	4191218.00	0.33044	560102.00	4191218.00	0.29524
560122.00	4191218.00	0.26088	560142.00	4191218.00	0.23970
560162.00	4191218.00	0.22638	560182.00	4191218.00	0.21667
560202.00	4191218.00	0.21161	560222.00	4191218.00	0.21273
560342.00	4191218.00	0.25568	560362.00	4191218.00	0.26132
560382.00	4191218.00	0.26360	560402.00	4191218.00	0.25475

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BLPM ***

INCLUDING SOURCE(S): BLPM ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
560422.00	4191218.00	0.24021	560442.00	4191218.00	0.23092
560462.00	4191218.00	0.22915	560482.00	4191218.00	0.23322
560082.00	4191238.00	0.31129	560102.00	4191238.00	0.27620
560122.00	4191238.00	0.24536	560142.00	4191238.00	0.22679
560162.00	4191238.00	0.21479	560182.00	4191238.00	0.20596
560202.00	4191238.00	0.20141	560222.00	4191238.00	0.20245
560342.00	4191238.00	0.24310	560362.00	4191238.00	0.24797
560382.00	4191238.00	0.25186	560402.00	4191238.00	0.24611
560422.00	4191238.00	0.23262	560442.00	4191238.00	0.22175
560462.00	4191238.00	0.21784	560182.00	4191258.00	0.19607
560202.00	4191258.00	0.19199	560322.00	4191258.00	0.23209
560342.00	4191258.00	0.23167	560362.00	4191258.00	0.23558
560382.00	4191258.00	0.24044	560402.00	4191258.00	0.23761
560422.00	4191258.00	0.22576	560442.00	4191258.00	0.21383
560462.00	4191258.00	0.20795	560322.00	4191278.00	0.22221
560342.00	4191278.00	0.22129	560362.00	4191278.00	0.22416
560382.00	4191278.00	0.22939	560402.00	4191278.00	0.22899
560422.00	4191278.00	0.21929	560442.00	4191278.00	0.20661
559982.00	4191298.00	0.15823	560002.00	4191298.00	0.19916
560022.00	4191298.00	0.24693	560042.00	4191298.00	0.28082
560062.00	4191298.00	0.28360	560302.00	4191298.00	0.21136
560322.00	4191298.00	0.21305	560342.00	4191298.00	0.21183
560362.00	4191298.00	0.21365	560382.00	4191298.00	0.21877
560402.00	4191298.00	0.22031	560422.00	4191298.00	0.21300
560442.00	4191298.00	0.20025	559962.00	4191318.00	0.13353
559982.00	4191318.00	0.16047	560002.00	4191318.00	0.20207
560022.00	4191318.00	0.24632	560042.00	4191318.00	0.27316
560062.00	4191318.00	0.26980	560082.00	4191318.00	0.24408
560102.00	4191318.00	0.21569	560122.00	4191318.00	0.19650
560142.00	4191318.00	0.18509	560162.00	4191318.00	0.17679
560302.00	4191318.00	0.20231	560322.00	4191318.00	0.20450

560342.00	4191318.00	0.20314	560362.00	4191318.00	0.20400
560382.00	4191318.00	0.20870	560402.00	4191318.00	0.21167
560422.00	4191318.00	0.20682	559962.00	4191338.00	0.13323
559982.00	4191338.00	0.16297	560002.00	4191338.00	0.20456
560022.00	4191338.00	0.24459	560042.00	4191338.00	0.26464
560062.00	4191338.00	0.25624	560082.00	4191338.00	0.22993
560102.00	4191338.00	0.20384	560122.00	4191338.00	0.18685
560142.00	4191338.00	0.17662	560162.00	4191338.00	0.16899
560182.00	4191338.00	0.16337	560202.00	4191338.00	0.16067

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BLPM ***

INCLUDING SOURCE(S): BLPM ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
560222.00	4191338.00	0.16138	560242.00	4191338.00	0.16651
560302.00	4191338.00	0.19380	560322.00	4191338.00	0.19647
560342.00	4191338.00	0.19517	560362.00	4191338.00	0.19520
560382.00	4191338.00	0.19922	560402.00	4191338.00	0.20316
560422.00	4191338.00	0.20063	559962.00	4191358.00	0.13390
559982.00	4191358.00	0.16577	560002.00	4191358.00	0.20644
560022.00	4191358.00	0.24179	560042.00	4191358.00	0.25547
560062.00	4191358.00	0.24306	560082.00	4191358.00	0.21684
560102.00	4191358.00	0.19303	560122.00	4191358.00	0.17800
560142.00	4191358.00	0.16878	560162.00	4191358.00	0.16174
560182.00	4191358.00	0.15659	560202.00	4191358.00	0.15414
560222.00	4191358.00	0.15482	560242.00	4191358.00	0.15955
560262.00	4191358.00	0.16805	560282.00	4191358.00	0.17787
560302.00	4191358.00	0.18580	560322.00	4191358.00	0.18891
560342.00	4191358.00	0.18777	560362.00	4191358.00	0.18714
560382.00	4191358.00	0.19021	560402.00	4191358.00	0.19453

559962.00	4191378.00	0.13529	559982.00	4191378.00	0.16867
560002.00	4191378.00	0.20762	560022.00	4191378.00	0.23798
560042.00	4191378.00	0.24585	560062.00	4191378.00	0.23037
560082.00	4191378.00	0.20475	560102.00	4191378.00	0.18317
560122.00	4191378.00	0.16986	560142.00	4191378.00	0.16149
560162.00	4191378.00	0.15499	560182.00	4191378.00	0.15026
560202.00	4191378.00	0.14806	560222.00	4191378.00	0.14869
560242.00	4191378.00	0.15306	560262.00	4191378.00	0.16101
560282.00	4191378.00	0.17038	560302.00	4191378.00	0.17820
560322.00	4191378.00	0.18173	560342.00	4191378.00	0.18083
559982.00	4191398.00	0.17141	560002.00	4191398.00	0.20805
560022.00	4191398.00	0.23326	560042.00	4191398.00	0.23594
560062.00	4191398.00	0.21827	560082.00	4191398.00	0.19362
560102.00	4191398.00	0.17416	560122.00	4191398.00	0.16233
560142.00	4191398.00	0.15471	560162.00	4191398.00	0.14869
560182.00	4191398.00	0.14436	560202.00	4191398.00	0.14236
560222.00	4191398.00	0.14295	560242.00	4191398.00	0.14700
560262.00	4191398.00	0.15446	560282.00	4191398.00	0.16324
559982.00	4191418.00	0.17363	560002.00	4191418.00	0.20737
560022.00	4191418.00	0.22765	560042.00	4191418.00	0.22595
560062.00	4191418.00	0.20678	560082.00	4191418.00	0.18341
560102.00	4191418.00	0.16591	560122.00	4191418.00	0.15537
560142.00	4191418.00	0.14838	560162.00	4191418.00	0.14281
560182.00	4191418.00	0.13884	560202.00	4191418.00	0.13703

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BLPM ***

INCLUDING SOURCE(S): BLPM ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
560222.00	4191418.00	0.13759	560242.00	4191418.00	0.14134

560262.00	4191418.00	0.14831	560002.00	4191438.00	0.20561
560022.00	4191438.00	0.22125	560042.00	4191438.00	0.21596
560062.00	4191438.00	0.19596	560082.00	4191438.00	0.17401
560102.00	4191438.00	0.15831	560122.00	4191438.00	0.14892
560142.00	4191438.00	0.14248	560162.00	4191438.00	0.13731
560182.00	4191438.00	0.13366	560202.00	4191438.00	0.13203
560222.00	4191438.00	0.13255	560242.00	4191438.00	0.13604
560262.00	4191438.00	0.14255	560042.00	4191458.00	0.20540
560062.00	4191458.00	0.18574	560082.00	4191458.00	0.16537
560102.00	4191458.00	0.15134	560122.00	4191458.00	0.14291
560142.00	4191458.00	0.13698	560162.00	4191458.00	0.13215
560182.00	4191458.00	0.12880	560202.00	4191458.00	0.12732
560222.00	4191458.00	0.12783	560242.00	4191458.00	0.13105
560262.00	4191458.00	0.13694	560142.00	4191478.00	0.13152
560162.00	4191478.00	0.12711	560182.00	4191478.00	0.12403
560202.00	4191478.00	0.12282	560222.00	4191478.00	0.12338
560242.00	4191478.00	0.12637	560155.00	4190663.00	2.95621
560175.00	4190663.00	3.84670	560115.00	4190683.00	2.10179
560135.00	4190683.00	2.03146	560155.00	4190683.00	2.66722
560175.00	4190683.00	3.19370	560095.00	4190703.00	1.81254
560115.00	4190703.00	1.70797	560135.00	4190703.00	1.75371
560155.00	4190703.00	2.42602	560175.00	4190703.00	2.65978
560095.00	4190723.00	1.52183	560115.00	4190723.00	1.41087
560135.00	4190723.00	1.58788	560155.00	4190723.00	2.19879
560175.00	4190723.00	2.22939	560195.00	4190723.00	1.91421
560095.00	4190743.00	1.27245	560115.00	4190743.00	1.20210
560135.00	4190743.00	1.48567	560155.00	4190743.00	1.97688
560175.00	4190743.00	1.88430	560195.00	4190743.00	1.62687
560075.00	4190763.00	1.15930	560095.00	4190763.00	1.06858
560115.00	4190763.00	1.06504	560135.00	4190763.00	1.41127
560155.00	4190763.00	1.76333	560175.00	4190763.00	1.60741
560195.00	4190763.00	1.39988	560215.00	4190763.00	1.35144
560075.00	4190783.00	0.99278	560095.00	4190783.00	0.91096
560115.00	4190783.00	0.98068	560135.00	4190783.00	1.34347
560155.00	4190783.00	1.56355	560175.00	4190783.00	1.38433

560195.00	4190783.00	1.21769	560215.00	4190783.00	1.17923
560235.00	4190783.00	1.25543	560075.00	4190803.00	0.84888
560095.00	4190803.00	0.79577	560115.00	4190803.00	0.93088
560135.00	4190803.00	1.27203	560155.00	4190803.00	1.38214

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BLPM ***

INCLUDING SOURCE(S): BLPM ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
560175.00	4190803.00	1.20336	560195.00	4190803.00	1.06918
560215.00	4190803.00	1.03850	560235.00	4190803.00	1.10417
560255.00	4190803.00	1.16338	560275.00	4190803.00	1.19878
560075.00	4190823.00	0.73000	560095.00	4190823.00	0.71652
560115.00	4190823.00	0.90054	560135.00	4190823.00	1.19090
560155.00	4190823.00	1.21316	560175.00	4190823.00	1.05341
560195.00	4190823.00	0.94660	560215.00	4190823.00	0.92177
560235.00	4190823.00	0.97864	560255.00	4190823.00	1.03226
560275.00	4190823.00	1.06387	560295.00	4190823.00	1.05906
560315.00	4190823.00	1.00695	560115.00	4190843.00	0.87831
560135.00	4190843.00	1.10685	560155.00	4190843.00	1.07047
560175.00	4190843.00	0.92895	560195.00	4190843.00	0.84287
560215.00	4190843.00	0.82390	560235.00	4190843.00	0.87331
560255.00	4190843.00	0.92293	560275.00	4190843.00	0.95087
560295.00	4190843.00	0.95874	560315.00	4190843.00	0.91284
560335.00	4190843.00	0.88766	560195.00	4190863.00	0.75312
560215.00	4190863.00	0.74100	560235.00	4190863.00	0.78408
560255.00	4190863.00	0.83031	560275.00	4190863.00	0.85486
560295.00	4190863.00	0.86950	560315.00	4190863.00	0.83686
560335.00	4190863.00	0.79979	560075.00	4190883.00	0.51499
560095.00	4190883.00	0.61878	560115.00	4190883.00	0.83150

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BOATL
***

INCLUDING SOURCE(S): L0000445 , L0000446 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	559917.30	559937.30	559957.30	559977.30	559997.30	560017.30	560037.30	560057.30	560077.30
4191625.17	0.12619	0.13879	0.15000	0.15766	0.16033	0.15818	0.15245	0.14485	0.13753
4191605.17	0.12672	0.13977	0.15192	0.16081	0.16476	0.16350	0.15810	0.15044	0.14265
4191585.17	0.12728	0.14068	0.15371	0.16385	0.16903	0.16872	0.16388	0.15640	0.14813
4191565.17	0.12793	0.14153	0.15538	0.16667	0.17269	0.17344	0.16945	0.16233	0.15378
4191545.17	0.12869	0.14223	0.15672	0.16922	0.17648	0.17860	0.17541	0.16837	0.15964
4191525.17	0.12958	0.14284	0.15783	0.17155	0.18054	0.18410	0.18171	0.17462	0.16577
4191505.17	0.13073	0.14375	0.15919	0.17413	0.18505	0.18990	0.18830	0.18155	0.17249
4191485.17	0.13217	0.14478	0.16051	0.17650	0.18916	0.19566	0.19518	0.18931	0.18024
4191465.17	0.13393	0.14598	0.16181	0.17874	0.19299	0.20135	0.20233	0.19775	0.18875
4191445.17	0.13615	0.14773	0.16359	0.18136	0.19724	0.20768	0.21050	0.20604	0.19687
4191425.17	0.13879	0.14958	0.16534	0.18390	0.20134	0.21379	0.21826	0.21455	0.20548
4191405.17	0.14196	0.15171	0.16714	0.18633	0.20522	0.21952	0.22576	0.22334	0.21461
4191385.17	0.14604	0.15436	0.16901	0.18838	0.20854	0.22493	0.23336	0.23247	0.22427
4191365.17	0.15067	0.15757	0.17121	0.19049	0.21174	0.23021	0.24102	0.24193	0.23448
4191345.17	0.15590	0.16137	0.17384	0.19276	0.21487	0.23536	0.24870	0.25171	0.24527
4191325.17	0.16195	0.16592	0.17702	0.19528	0.21796	0.24037	0.25638	0.26178	0.25664
4191305.17	0.16890	0.17150	0.18086	0.19792	0.22101	0.24526	0.26402	0.27211	0.26860
4191285.17	0.17688	0.17818	0.18557	0.20088	0.22418	0.25003	0.27158	0.28266	0.28116
4191265.17	0.18582	0.18559	0.19137	0.20528	0.22778	0.25475	0.27906	0.29341	0.29431
4191245.17	0.19584	0.19416	0.19810	0.21035	0.23177	0.25948	0.28645	0.30430	0.30805

  4191225.17 | 0.20700   0.20397   0.20597   0.21614   0.23623   0.26433   0.29375
0.31530   0.32236
  4191205.17 | 0.21934   0.21513   0.21521   0.22302   0.24082   0.26858   0.30019
0.32623   0.33720
  4191185.17 | 0.23289   0.22771   0.22579   0.23098   0.24666   0.27368   0.30697
0.33669   0.35220
  4191165.17 | 0.24765   0.24178   0.23800   0.24040   0.25393   0.27978   0.31412
0.34689   0.36742
  4191145.17 | 0.26363   0.25740   0.25246   0.25274   0.26292   0.28676   0.32168
0.35797   0.38358
  4191125.17 | 0.28082   0.27461   0.26865   0.26683   0.27373   0.29496   0.32972
0.36915   0.40013
  4191105.17 | 0.29921   0.29341   0.28674   0.28283   0.28654   0.30471   0.33849
0.38050   0.41703
  4191085.17 | 0.31816   0.31371   0.30691   0.30126   0.30179   0.31642   0.34835
0.39219   0.43427
  4191065.17 | 0.33902   0.33572   0.32922   0.32231   0.31981   0.33055   0.35973
0.40448   0.45187
  4191045.17 | 0.36162   0.35945   0.35369   0.34611   0.34094   0.34758   0.37315
0.41770   0.46966
  4191025.17 | 0.38522   0.38472   0.38034   0.37279   0.36548   0.36801   0.38922
0.43231   0.48741
  4191005.17 | 0.41075   0.41181   0.40922   0.40244   0.39369   0.39238   0.40861
0.44806   0.50591
  4190985.17 | 0.43883   0.44105   0.44041   0.43512   0.42583   0.42120   0.43184
0.46581   0.52518
  4190965.17 | 0.47041   0.47301   0.47420   0.47094   0.46209   0.45497   0.46022
0.48870   0.54656
  4190945.17 | 0.50669   0.50866   0.51109   0.51011   0.50266   0.49364   0.49323
0.51598   0.57147
  4190925.17 | 0.54906   0.54930   0.55194   0.55305   0.54777   0.53776   0.53235
0.54923   0.60077
  4190905.17 | 0.59885   0.59659   0.59817   0.60054   0.59779   0.58890   0.58049
0.59026   0.63546
  4190885.17 | 0.65699   0.65232   0.65164   0.65395   0.65425   0.64742   0.63698
0.64023   0.67739
  4190865.17 | 0.72359   0.71801   0.71463   0.71558   0.71822   0.71416   0.70269
0.70074   0.72873
  4190845.17 | 0.79763   0.79436   0.78939   0.78774   0.79001   0.78831   0.77861
0.77346   0.79204

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                           *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: BOATL
***
                               INCLUDING SOURCE(S):   L0000445   , L0000446   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 559917.30   559937.30   559957.30   559977.30   559997.30   560017.30   560037.30
560057.30   560077.30
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  4190825.17 | 0.87699   0.88074   0.87749   0.87375   0.87311   0.87290   0.86774
0.86077   0.87018
  4190805.17 | 0.95912   0.97506   0.97898   0.97561   0.97137   0.97216   0.97267
0.96428   0.96639
  4190785.17 | 1.04174   1.07182   1.08902   1.09350   1.09333   1.09403   1.09568
1.08685   1.08435
  4190765.17 | 1.12381   1.17286   1.20997   1.23051   1.23827   1.23942   1.24041

1.23290 1.22852
4190745.17 | 1.20623 1.27736 1.33846 1.38221 1.40562 1.41377 1.41553
1.40841 1.40490
4190725.17 | 1.29585 1.38230 1.46657 1.53969 1.59221 1.62058 1.63106
1.63057 1.62786
4190705.17 | 1.38471 1.48926 1.59702 1.70211 1.79294 1.85748 1.89242
1.90584 1.90552
4190685.17 | 1.46507 1.59365 1.72863 1.86770 2.00262 2.11822 2.20008
2.24716 2.25936
4190665.17 | 1.52846 1.68621 1.85464 2.03283 2.21688 2.39491 2.54648
2.65403 2.70141
4190645.17 | 1.56753 1.75421 1.96088 2.18602 2.42741 2.67836 2.92106
3.12726 3.25268

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BOATL ***

INCLUDING SOURCE(S): L0000445 , L0000446 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	560097.30	560117.30	560137.30	560157.30	560177.30	560197.30	560217.30	560237.30	560257.30
4191625.17	0.13123	0.12605	0.12179	0.11829	0.11569	0.11426	0.11424	0.11561	0.11808
4191605.17	0.13583	0.13030	0.12575	0.12204	0.11928	0.11776	0.11772	0.11915	0.12173
4191585.17	0.14070	0.13479	0.12994	0.12600	0.12306	0.12144	0.12138	0.12288	0.12557
4191565.17	0.14582	0.13920	0.13398	0.12979	0.12668	0.12511	0.12525	0.12681	0.12963
4191545.17	0.15132	0.14430	0.13859	0.13401	0.13070	0.12914	0.12933	0.13096	0.13391
4191525.17	0.15724	0.14998	0.14380	0.13873	0.13519	0.13352	0.13369	0.13540	0.13848
4191505.17	0.16347	0.15570	0.14947	0.14449	0.14071	0.13889	0.13902	0.14079	0.14385
4191485.17	0.17071	0.16235	0.15564	0.15042	0.14637	0.14428	0.14426	0.14611	0.14919
4191465.17	0.17870	0.16973	0.16235	0.15647	0.15214	0.14968	0.14945	0.15138	0.15468
4191445.17	0.18636	0.17677	0.16882	0.16251	0.15786	0.15523	0.15495	0.15698	0.16064
4191425.17	0.19455	0.18430	0.17575	0.16895	0.16396	0.16112	0.16080	0.16293	0.16684
4191405.17	0.20329	0.19236	0.18315	0.17583	0.17046	0.16740	0.16703	0.16927	0.17338
4191385.17	0.21264	0.20102	0.19109	0.18319	0.17740	0.17409	0.17367	0.17603	0.18036
4191365.17	0.22265	0.21032	0.19961	0.19108	0.18483	0.18125	0.18076	0.18324	0.18781
4191345.17	0.23335	0.22031	0.20878	0.19954	0.19278	0.18890	0.18835	0.19096	0.19578
4191325.17	0.24480	0.23107	0.21865	0.20864	0.20131	0.19710	0.19647	0.19923	0.20431
4191305.17	0.25704	0.24267	0.22930	0.21844	0.21049	0.20591	0.20519	0.20811	0.21347

```
  4191285.17 |       0.27014      0.25518      0.24081      0.22901      0.22037      0.21538      0.21456
0.21764      0.22332
  4191265.17 |       0.28413      0.26870      0.25328      0.24045      0.23103      0.22558      0.22465
0.22791      0.23392
  4191245.17 |       0.29907      0.28330      0.26680      0.25285      0.24256      0.23660      0.23553
0.23899      0.24535
  4191225.17 |       0.31500      0.29910      0.28150      0.26631      0.25505      0.24851      0.24729
0.25096      0.25771
  4191205.17 |       0.33196      0.31618      0.29749      0.28096      0.26862      0.26143      0.26003
0.26393      0.27110
  4191185.17 |       0.34999      0.33467      0.31493      0.29694      0.28338      0.27546      0.27387
0.27801      0.28564
  4191165.17 |       0.36911      0.35467      0.33398      0.31441      0.29950      0.29075      0.28893
0.29334      0.30147
  4191145.17 |       0.38935      0.37633      0.35482      0.33358      0.31715      0.30745      0.30537
0.31007      0.31875
  4191125.17 |       0.41072      0.39976      0.37767      0.35465      0.33653      0.32575      0.32336
0.32838      0.33766
  4191105.17 |       0.43322      0.42509      0.40274      0.37789      0.35786      0.34586      0.34310
0.34848      0.35842
  4191085.17 |       0.45684      0.45244      0.43029      0.40357      0.38143      0.36802      0.36484
0.37060      0.38126
  4191065.17 |       0.48155      0.48193      0.46059      0.43203      0.40753      0.39252      0.38884
0.39502      0.40649
  4191045.17 |       0.50735      0.51369      0.49394      0.46364      0.43655      0.41970      0.41543
0.42208      0.43445
  4191025.17 |       0.53224      0.54748      0.53069      0.49888      0.46894      0.44997      0.44501
0.45217      0.46554
  4191005.17 |       0.55895      0.58369      0.57120      0.53826      0.50523      0.48382      0.47805
0.48577      0.50026
  4190985.17 |       0.58794      0.62285      0.61588      0.58240      0.54606      0.52184      0.51509
0.52302      0.53875
  4190965.17 |       0.61495      0.66128      0.66314      0.63200      0.59220      0.56330      0.55297
0.55944      0.57582
  4190945.17 |       0.64514      0.70212      0.71304      0.68329      0.64007      0.60788      0.59576
0.60305      0.62069
  4190925.17 |       0.67857      0.74570      0.76546      0.73713      0.69086      0.65590      0.64506
0.65555      0.67549
  4190905.17 |       0.71573      0.79586      0.82975      0.80672      0.75736      0.71767      0.70565
0.72108      0.74391
  4190885.17 |       0.75735      0.84994      0.90259      0.88868      0.83486      0.79070      0.77817
0.79435      0.81948
  4190865.17 |       0.80525      0.90886      0.98322      0.98442      0.92466      0.87672      0.86364
0.87762      0.90415
  4190845.17 |       0.86186      0.97394      1.06650      1.08180      1.03308      0.97769      0.95847
0.97384      1.00279
1 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

  PAGE 694
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

                           *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: BOATL
***
                               INCLUDING SOURCE(S):     L0000445    , L0000446    ,

                                *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10    IN MICROGRAMS/M**3                          **

    Y-COORD  |                                          X-COORD (METERS)
    (METERS) |     560097.30    560117.30    560137.30    560157.30    560177.30    560197.30    560217.30
560237.30    560257.30
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

  4190825.17 |       0.93038      1.04731      1.16406      1.20237      1.15917      1.09580      1.07017
```

1.08709   1.11854
  4190805.17 | 1.01491   1.13211   1.27656   1.34604   1.30507   1.23351   1.20301
1.22163   1.25552
  4190785.17 | 1.12054   1.23290   1.39938   1.50340   1.47656   1.39891   1.36264
1.38308   1.42522
  4190765.17 | 1.25348   1.35613   1.54121   1.68610   1.68166   1.59973   1.55675
1.58620   1.63368
  4190745.17 | 1.42137   1.51062   1.70897   1.90020   1.92908   1.84653   1.79887
1.84316   1.88783
  4190725.17 | 1.63407   1.70815   1.91290   2.15427   2.23036   2.15384   2.09894
2.14983   2.19510
  4190705.17 | 1.90502   1.96459   2.16850   2.46142   2.60166   2.55121   2.49867
2.54412   2.58386
  4190685.17 | 2.25374   2.30207   2.49914   2.84217   3.06631   3.07035   3.02830
3.05698   3.08633
  4190665.17 | 2.70812   2.75288   2.94006   3.32933   3.65964   3.73597   3.70559
3.73335   3.75219
  4190645.17 | 3.30312   3.36488   3.54648   3.97806   4.43911   4.63409   4.63506
4.65999   4.66087

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                              *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: BOATL
***
                                  INCLUDING SOURCE(S):   L0000445   , L0000446   ,

                                   *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                        ** CONC OF PM_10   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 560277.30   560297.30   560317.30   560337.30   560357.30   560377.30   560397.30
560417.30   560437.30
 -
- - - - - - - -

  4191625.17 | 0.12116   0.12433   0.12717   0.12964   0.13208   0.13373   0.13498
0.13606   0.13683
  4191605.17 | 0.12494   0.12821   0.13112   0.13360   0.13587   0.13767   0.13916
0.14024   0.14092
  4191585.17 | 0.12891   0.13229   0.13528   0.13771   0.13961   0.14166   0.14350
0.14458   0.14514
  4191565.17 | 0.13310   0.13659   0.13967   0.14215   0.14410   0.14588   0.14743
0.14848   0.14890
  4191545.17 | 0.13752   0.14114   0.14429   0.14683   0.14884   0.15050   0.15190
0.15289   0.15312
  4191525.17 | 0.14219   0.14593   0.14917   0.15178   0.15384   0.15556   0.15697
0.15788   0.15787
  4191505.17 | 0.14750   0.15106   0.15433   0.15700   0.15913   0.16090   0.16231
0.16310   0.16281
  4191485.17 | 0.15293   0.15650   0.15979   0.16254   0.16473   0.16655   0.16794
0.16855   0.16794
  4191465.17 | 0.15851   0.16220   0.16558   0.16840   0.17067   0.17253   0.17386
0.17426   0.17328
  4191445.17 | 0.16484   0.16831   0.17172   0.17462   0.17696   0.17885   0.18010
0.18023   0.17882
  4191425.17 | 0.17138   0.17506   0.17841   0.18123   0.18365   0.18555   0.18667
0.18647   0.18459
  4191405.17 | 0.17820   0.18232   0.18571   0.18836   0.19085   0.19274   0.19358
0.19299   0.19060
  4191385.17 | 0.18547   0.19015   0.19402   0.19707   0.19962   0.20120   0.20152
0.20047   0.19727
  4191365.17 | 0.19316   0.19819   0.20237   0.20570   0.20831   0.20979   0.20988
0.20831   0.20436

```
  4191345.17 |       0.20138      0.20661      0.21093      0.21437      0.21702      0.21863      0.21860
0.21644      0.21193
  4191325.17 |       0.21019      0.21562      0.22010      0.22365      0.22631      0.22772      0.22722
0.22441      0.21902
  4191305.17 |       0.21963      0.22529      0.22993      0.23359      0.23622      0.23736      0.23629
0.23280      0.22687
  4191285.17 |       0.22978      0.23568      0.24050      0.24425      0.24682      0.24759      0.24586
0.24166      0.23573
  4191265.17 |       0.24071      0.24686      0.25186      0.25570      0.25815      0.25845      0.25597
0.25106      0.24516
  4191245.17 |       0.25250      0.25892      0.26411      0.26802      0.27026      0.26998      0.26667
0.26108      0.25512
  4191225.17 |       0.26524      0.27195      0.27734      0.28128      0.28321      0.28223      0.27803
0.27182      0.26584
  4191205.17 |       0.27904      0.28606      0.29165      0.29557      0.29708      0.29526      0.29013
0.28341      0.27760
  4191185.17 |       0.29402      0.30138      0.30716      0.31099      0.31194      0.30915      0.30309
0.29601      0.29057
  4191165.17 |       0.31033      0.31805      0.32400      0.32764      0.32787      0.32399      0.31705
0.30980      0.30493
  4191145.17 |       0.32813      0.33623      0.34232      0.34564      0.34498      0.33991      0.33217
0.32500      0.32091
  4191125.17 |       0.34760      0.35610      0.36228      0.36514      0.36338      0.35707      0.34870
0.34186      0.33872
  4191105.17 |       0.36898      0.37788      0.38407      0.38627      0.38323      0.37567      0.36690
0.36068      0.35861
  4191085.17 |       0.39250      0.40182      0.40790      0.40922      0.40472      0.39597      0.38708
0.38177      0.38083
  4191065.17 |       0.41847      0.42817      0.43401      0.43419      0.42807      0.41828      0.40964
0.40548      0.40564
  4191045.17 |       0.44722      0.45729      0.46267      0.46142      0.45359      0.44302      0.43501
0.43218      0.43331
  4191025.17 |       0.47917      0.48953      0.49421      0.49124      0.48168      0.47068      0.46337
0.46030      0.46178
  4191005.17 |       0.51481      0.52413      0.52737      0.52240      0.51125      0.49955      0.49327
0.49133      0.49291
  4190985.17 |       0.55380      0.56155      0.56284      0.55566      0.54322      0.53069      0.52463
0.52574      0.52706
  4190965.17 |       0.59154      0.60061      0.60108      0.59159      0.57834      0.56884      0.56580
0.56736      0.56676
  4190945.17 |       0.63780      0.64745      0.64564      0.63381      0.62031      0.61304      0.61258
0.61529      0.61147
  4190925.17 |       0.69352      0.70216      0.69758      0.68354      0.67041      0.66512      0.66687
0.66940      0.65999
  4190905.17 |       0.76291      0.77000      0.76208      0.74598      0.73375      0.73030      0.73030
0.72568      0.70696
  4190885.17 |       0.83910      0.84388      0.83235      0.81496      0.80445      0.80238      0.79979
0.78576      0.75541
  4190865.17 |       0.92392      0.92558      0.91041      0.89275      0.88444      0.88234      0.87380
0.84823      0.80629
  4190845.17 |       1.02211      1.01980      1.00124      0.98433      0.97791      0.97291      0.95387
0.91393      0.86243
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

  PAGE 696
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

                           *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: BOATL
***
                               INCLUDING SOURCE(S):     L0000445    , L0000446    ,

                                *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10    IN MICROGRAMS/M**3                         **

    Y-COORD  |                                          X-COORD (METERS)
```

```
    (METERS) |     560277.30    560297.30    560317.30    560337.30    560357.30    560377.30    560397.30
560417.30    560437.30
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -

  4190825.17 |       1.13659      1.12951      1.11095      1.09811      1.09180      1.07900      1.04421
0.98921      0.93304
  4190805.17 |       1.27123      1.25877      1.24367      1.23711      1.22699      1.19955      1.14497
1.07829      1.02473
  4190785.17 |       1.44511      1.42659      1.40431      1.39371      1.37330      1.32419      1.25030
1.18033      1.13715
  4190765.17 |       1.64734      1.62296      1.59839      1.57934      1.53884      1.46295      1.37615
1.31339      1.28476
  4190745.17 |       1.88748      1.85786      1.83124      1.79755      1.72600      1.62479      1.53754
1.49061      1.47552
  4190725.17 |       2.18605      2.15109      2.11587      2.05251      1.94287      1.82756      1.75403
1.72521      1.71807
  4190705.17 |       2.56437      2.52122      2.46275      2.35265      2.20915      2.09881      2.04734
2.03090      2.02058
  4190685.17 |       3.05359      2.99196      2.88603      2.71932      2.56150      2.47354      2.44019
2.41963      2.38024
  4190665.17 |       3.69897      3.59453      3.41280      3.19920      3.05460      2.99067      2.95183
2.88807      2.77290
  4190645.17 |       4.56671      4.37661      4.10398      3.87543      3.75651      3.68403      3.57954
3.40583      3.17195
1 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

  PAGE 697
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

                           *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: BOATL
***
                               INCLUDING SOURCE(S):     L0000445    , L0000446    ,

                                *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10    IN MICROGRAMS/M**3                         **

    Y-COORD  |                                            X-COORD (METERS)
    (METERS) |     560457.30    560477.30    560497.30    560517.30    560537.30    560557.30    560577.30
560597.30    560617.30
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -

  4191625.17 |       0.13695      0.13613      0.13433      0.13184      0.12922      0.12703      0.12563
0.12511      0.12534
  4191605.17 |       0.14084      0.13974      0.13764      0.13491      0.13203      0.12987      0.12870
0.12842      0.12880
  4191585.17 |       0.14483      0.14341      0.14102      0.13808      0.13480      0.13271      0.13179
0.13176      0.13213
  4191565.17 |       0.14830      0.14655      0.14389      0.14082      0.13782      0.13600      0.13534
0.13556      0.13607
  4191545.17 |       0.15221      0.15011      0.14720      0.14412      0.14145      0.13997      0.13959
0.14003      0.14077
  4191525.17 |       0.15662      0.15416      0.15103      0.14798      0.14571      0.14455      0.14443
0.14508      0.14610
  4191505.17 |       0.16118      0.15837      0.15505      0.15204      0.14999      0.14912      0.14929
0.15013      0.15122
  4191485.17 |       0.16590      0.16276      0.15944      0.15666      0.15486      0.15418      0.15449
0.15550      0.15662
  4191465.17 |       0.17081      0.16736      0.16411      0.16176      0.16026      0.15971      0.16007
0.16120      0.16231
  4191445.17 |       0.17592      0.17219      0.16873      0.16636      0.16522      0.16526      0.16604
0.16725      0.16831
  4191425.17 |       0.18125      0.17731      0.17384      0.17163      0.17110      0.17160      0.17271
0.17395      0.17493
```

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BOATL
***

INCLUDING SOURCE(S): L0000445 , L0000446 ,

4191405.17	0.18685	0.18276	0.17944	0.17766	0.17784	0.17873	0.17998	0.18120	0.18205
4191385.17	0.19275	0.18859	0.18551	0.18406	0.18427	0.18560	0.18726	0.18842	0.18910
4191365.17	0.19940	0.19524	0.19230	0.19111	0.19155	0.19304	0.19467	0.19571	0.19633
4191345.17	0.20668	0.20264	0.19980	0.19879	0.19958	0.20098	0.20231	0.20317	0.20377
4191325.17	0.21314	0.20937	0.20739	0.20714	0.20825	0.20974	0.21098	0.21159	0.21176
4191305.17	0.22088	0.21723	0.21579	0.21622	0.21759	0.21911	0.22017	0.22041	0.21973
4191285.17	0.23001	0.22620	0.22521	0.22607	0.22764	0.22909	0.22988	0.22958	0.22762
4191265.17	0.23996	0.23606	0.23551	0.23676	0.23842	0.23971	0.24008	0.23898	0.23573
4191245.17	0.25051	0.24730	0.24704	0.24832	0.24998	0.25098	0.25071	0.24847	0.24355
4191225.17	0.26187	0.25982	0.25992	0.26082	0.26235	0.26287	0.26165	0.25786	0.25096
4191205.17	0.27443	0.27376	0.27384	0.27430	0.27553	0.27530	0.27271	0.26693	0.25787
4191185.17	0.28818	0.28852	0.28886	0.28880	0.28949	0.28812	0.28367	0.27555	0.26437
4191165.17	0.30341	0.30442	0.30486	0.30453	0.30415	0.30112	0.29429	0.28367	0.27070
4191145.17	0.32030	0.32186	0.32328	0.32322	0.31992	0.31404	0.30443	0.29140	0.27729
4191125.17	0.33900	0.34096	0.34264	0.34203	0.33623	0.32661	0.31326	0.29835	0.28343
4191105.17	0.35970	0.36180	0.36281	0.36068	0.35279	0.33890	0.32144	0.30550	0.28709
4191085.17	0.38256	0.38444	0.38420	0.37978	0.36937	0.35279	0.33385	0.31773	0.30514
4191065.17	0.40772	0.40812	0.40559	0.39778	0.38380	0.36493	0.34580	0.33011	0.32005
4191045.17	0.43473	0.43272	0.42684	0.41478	0.39677	0.37648	0.35795	0.34373	0.33657
4191025.17	0.46308	0.45969	0.44887	0.43072	0.40933	0.38841	0.37227	0.36334	0.36042
4191005.17	0.49257	0.48607	0.47019	0.44749	0.42498	0.40538	0.39255	0.38825	0.38854
4190985.17	0.52373	0.51201	0.49140	0.46632	0.44498	0.42832	0.41931	0.41864	0.42052
4190965.17	0.55866	0.54032	0.51401	0.48692	0.46769	0.45519	0.45043	0.45300	0.45629
4190945.17	0.59657	0.57081	0.54010	0.51339	0.49698	0.48901	0.48816	0.49295	0.49656
4190925.17	0.63647	0.60373	0.57113	0.54703	0.53425	0.53070	0.53269	0.53846	0.54182
4190905.17	0.67424	0.63686	0.60592	0.58738	0.58045	0.58074	0.58411	0.59005	0.59360
4190885.17	0.71460	0.67626	0.65040	0.63870	0.63689	0.63935	0.64297	0.64938	0.65388
4190865.17	0.76073	0.72594	0.70764	0.70257	0.70409	0.70723	0.71163	0.71861	0.72308
4190845.17	0.81822	0.79492	0.78541	0.78498	0.78771	0.79095	0.79459	0.79873	0.79780

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)								
	560457.30	560477.30	560497.30	560517.30	560537.30	560557.30	560577.30	560597.30	560617.30
4190825.17	0.89506	0.88102	0.87832	0.88027	0.88339	0.88681	0.88885	0.88512	0.87092
4190805.17	0.99629	0.98773	0.98824	0.99110	0.99416	0.99493	0.98817	0.96880	0.93603
4190785.17	1.12071	1.11852	1.12067	1.12304	1.12192	1.11098	1.08482	1.04350	0.99234
4190765.17	1.27782	1.27851	1.27964	1.27568	1.25894	1.22378	1.17154	1.10927	1.04457
4190745.17	1.47346	1.47251	1.46430	1.43940	1.39216	1.32575	1.24941	1.17188	1.09808
4190725.17	1.71366	1.69910	1.66263	1.59894	1.51389	1.41945	1.32570	1.23791	1.15813
4190705.17	1.99634	1.94319	1.85678	1.74681	1.62877	1.51438	1.40938	1.31603	1.23512
4190685.17	2.30244	2.18396	2.04012	1.89097	1.75021	1.62412	1.51478	1.42213	1.34458
4190665.17	2.60800	2.41713	2.22643	2.05188	1.89977	1.77103	1.66363	1.57380	1.49718
4190645.17	2.91440	2.66736	2.44881	2.26362	2.10969	1.98163	1.87300	1.77804	1.69243

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BOATL ***

INCLUDING SOURCE(S): L0000445 , L0000446 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)								
	560637.30	560657.30	560677.30	560697.30	560717.30	560737.30	560757.30	560777.30	560797.30
4191625.17	0.12605	0.12697	0.12783	0.12834	0.12826	0.12814	0.12792	0.12739	0.12623
4191605.17	0.12955	0.13050	0.13130	0.13171	0.13139	0.13112	0.13081	0.13012	0.12870
4191585.17	0.13282	0.13375	0.13447	0.13475	0.13374	0.13280	0.13301	0.13293	0.13101
4191565.17	0.13558	0.13666	0.13742	0.13779	0.13872	0.13762	0.13591	0.13505	0.13248
4191545.17	0.14162	0.14247	0.14304	0.14338	0.14326	0.14255	0.14102	0.13787	0.13369
4191525.17	0.14712	0.14789	0.14857	0.14881	0.14806	0.14698	0.14499	0.14123	0.13535
4191505.17	0.15220	0.15286	0.15342	0.15356	0.15278	0.15109	0.14821	0.14413	0.13885
4191485.17	0.15753	0.15806	0.15836	0.15823	0.15725	0.15500	0.15133	0.14652	0.14062

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  4191465.17 |       0.16312      0.16351      0.16342      0.16283      0.16154      0.15870      0.15427
0.14840      0.14232
  4191445.17 |       0.16899      0.16920      0.16904      0.16809      0.16547      0.16169      0.15664
0.15040      0.14399
  4191425.17 |       0.17545      0.17541      0.17485      0.17309      0.16925      0.16439      0.15853
0.15210      0.14571
  4191405.17 |       0.18237      0.18199      0.18063      0.17778      0.17284      0.16676      0.16006
0.15380      0.14776
  4191385.17 |       0.18913      0.18828      0.18612      0.18218      0.17607      0.16909      0.16192
0.15548      0.14970
  4191365.17 |       0.19613      0.19460      0.19125      0.18593      0.17891      0.17132      0.16405
0.15788      0.15271
  4191345.17 |       0.20329      0.20082      0.19597      0.18917      0.18151      0.17363      0.16660
0.16108      0.15691
  4191325.17 |       0.21050      0.20683      0.20054      0.19249      0.18415      0.17626      0.16969
0.16462      0.16154
  4191305.17 |       0.21722      0.21210      0.20452      0.19562      0.18697      0.17945      0.17367
0.16936      0.16717
  4191285.17 |       0.22340      0.21669      0.20806      0.19878      0.19023      0.18343      0.17854
0.17528      0.17398
  4191265.17 |       0.22982      0.22146      0.21175      0.20224      0.19424      0.18813      0.18415
0.18224      0.18192
  4191245.17 |       0.23578      0.22593      0.21558      0.20634      0.19925      0.19409      0.19113
0.19043      0.19107
  4191225.17 |       0.24131      0.23034      0.21989      0.21140      0.20550      0.20170      0.19976
0.20006      0.20149
  4191205.17 |       0.24660      0.23504      0.22507      0.21774      0.21323      0.21104      0.21055
0.21121      0.21315
  4191185.17 |       0.25194      0.24046      0.23152      0.22565      0.22261      0.22162      0.22219
0.22368      0.22614
  4191165.17 |       0.25780      0.24708      0.23960      0.23537      0.23385      0.23372      0.23490
0.23731      0.24020
  4191145.17 |       0.26471      0.25536      0.24965      0.24701      0.24627      0.24759      0.24987
0.25297      0.25504
  4191125.17 |       0.27132      0.26442      0.26103      0.26043      0.26109      0.26363      0.26662
0.26920      0.27060
  4191105.17 |       0.27031      0.26859      0.27424      0.27596      0.27824      0.28173      0.28472
0.28615      0.28715
  4191085.17 |       0.29702      0.29341      0.29373      0.29596      0.29869      0.30126      0.30323
0.30436      0.30574
  4191065.17 |       0.31505      0.31342      0.31490      0.31763      0.32078      0.32314      0.32476
0.32623      0.32865
  4191045.17 |       0.33446      0.33559      0.33825      0.34122      0.34446      0.34720      0.34967
0.35219      0.35574
  4191025.17 |       0.36158      0.36398      0.36682      0.36924      0.37122      0.37311      0.37616
0.37985      0.38358
  4191005.17 |       0.39128      0.39415      0.39654      0.39827      0.40009      0.40288      0.40668
0.41037      0.41210
  4190985.17 |       0.42335      0.42596      0.42789      0.42987      0.43280      0.43670      0.44029
0.44149      0.43852
  4190965.17 |       0.45908      0.46123      0.46337      0.46644      0.47042      0.47383      0.47436
0.47010      0.46049
  4190945.17 |       0.49893      0.50125      0.50447      0.50849      0.51161      0.51126      0.50546
0.49380      0.47751
  4190925.17 |       0.54433      0.54767      0.55168      0.55438      0.55291      0.54522      0.53114
0.51231      0.49119
  4190905.17 |       0.59706      0.60099      0.60307      0.60016      0.59015      0.57322      0.55146
0.52767      0.50407
  4190885.17 |       0.65761      0.65885      0.65407      0.64122      0.62090      0.59574      0.56889
0.54259      0.51782
  4190865.17 |       0.72315      0.71599      0.69964      0.67526      0.64613      0.61569      0.58621
0.55847      0.53237
  4190845.17 |       0.78757      0.76689      0.73765      0.70382      0.66916      0.63586      0.60455
0.57503      0.54710
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03
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*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BOATL
***

INCLUDING SOURCE(S): L0000445 , L0000446 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	560637.30	560657.30	560677.30	560697.30	560717.30	560737.30	560757.30	560777.30	560797.30
4190825.17	0.84488	0.80976	0.77032	0.73061	0.69272	0.65709	0.62358	0.59216	0.56314
4190805.17	0.89373	0.84753	0.80172	0.75825	0.71748	0.67940	0.64421	0.61237	0.58432
4190785.17	0.93788	0.88462	0.83438	0.78756	0.74436	0.70520	0.67059	0.64075	0.61548
4190765.17	0.98212	0.92372	0.86989	0.82108	0.77783	0.74047	0.70879	0.68209	0.65939
4190745.17	1.02989	0.96808	0.91325	0.86578	0.82550	0.79160	0.76283	0.73789	0.71564
4190725.17	1.08733	1.02601	0.97396	0.93020	0.89317	0.86117	0.83272	0.80672	0.78247
4190705.17	1.16650	1.10892	1.06037	1.01856	0.98153	0.94781	0.91641	0.88674	0.85843
4190685.17	1.27941	1.22358	1.17433	1.12963	1.08809	1.04889	1.01148	0.97549	0.94063
4190665.17	1.42989	1.36901	1.31260	1.25943	1.20874	1.16001	1.11290	1.06719	1.02278
4190645.17	1.61330	1.53888	1.46812	1.40034	1.33514	1.27230	1.21177	1.15358	1.09779

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BOATL
***

INCLUDING SOURCE(S): L0000445 , L0000446 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	560817.30	560837.30	560857.30	560877.30	560897.30	560917.30	560937.30	560957.30	560977.30
4191625.17	0.12430	0.12156	0.11797	0.11380	0.10951	0.10551	0.10213	0.09952	0.09766
4191605.17	0.12631	0.12295	0.11892	0.11454	0.11021	0.10641	0.10338	0.10115	0.09967
4191585.17	0.12797	0.12401	0.11965	0.11529	0.11108	0.10759	0.10496	0.10314	0.10201
4191565.17	0.12879	0.12509	0.12037	0.11586	0.11191	0.10883	0.10668	0.10545	0.10470
4191545.17	0.12987	0.12606	0.12122	0.11680	0.11323	0.11061	0.10890	0.10802	0.10759

4191525.17	0.13100	0.12705	0.12227	0.11817	0.11506	0.11291	0.11160	0.11093	0.11077
4191505.17	0.13203	0.12813	0.12374	0.12022	0.11738	0.11566	0.11475	0.11443	0.11460
4191485.17	0.13461	0.12965	0.12555	0.12245	0.12026	0.11896	0.11835	0.11852	0.11906
4191465.17	0.13661	0.13172	0.12777	0.12499	0.12371	0.12285	0.12253	0.12320	0.12415
4191445.17	0.13825	0.13384	0.13063	0.12852	0.12755	0.12722	0.12739	0.12803	0.12918
4191425.17	0.14031	0.13634	0.13388	0.13254	0.13181	0.13187	0.13251	0.13346	0.13489
4191405.17	0.14281	0.13933	0.13758	0.13692	0.13651	0.13697	0.13807	0.13955	0.14118
4191385.17	0.14523	0.14124	0.14180	0.14178	0.14209	0.14305	0.14452	0.14620	0.14779
4191365.17	0.14751	0.14553	0.14690	0.14746	0.14839	0.14983	0.15154	0.15323	0.15459
4191345.17	0.15423	0.15110	0.15297	0.15411	0.15551	0.15725	0.15901	0.16049	0.16146
4191325.17	0.15986	0.15738	0.15990	0.16159	0.16335	0.16519	0.16678	0.16787	0.16843
4191305.17	0.16643	0.16459	0.16774	0.16988	0.17180	0.17351	0.17473	0.17538	0.17565
4191285.17	0.17402	0.17282	0.17504	0.17889	0.18072	0.18207	0.18282	0.18316	0.18347
4191265.17	0.18271	0.18209	0.18409	0.18671	0.18985	0.19081	0.19123	0.19158	0.19231
4191245.17	0.19254	0.19232	0.19453	0.19793	0.19931	0.19990	0.20030	0.20108	0.20260
4191225.17	0.20346	0.20354	0.20700	0.20866	0.20925	0.20971	0.21054	0.21213	0.21456
4191205.17	0.21552	0.21768	0.21886	0.21935	0.21988	0.22077	0.22254	0.22559	0.22846
4191185.17	0.22859	0.23048	0.23107	0.23133	0.23228	0.23382	0.23636	0.23999	0.24298
4191165.17	0.24242	0.24336	0.24403	0.24505	0.24690	0.24921	0.25176	0.25476	0.25719
4191145.17	0.25639	0.25715	0.25824	0.26019	0.26309	0.26635	0.26910	0.27072	0.27116
4191125.17	0.27147	0.27265	0.27471	0.27773	0.28121	0.28445	0.28610	0.28544	0.28240
4191105.17	0.28842	0.29060	0.29376	0.29732	0.30038	0.30203	0.30137	0.29756	0.29064
4191085.17	0.30820	0.31230	0.31610	0.31906	0.32049	0.31861	0.31327	0.30540	0.29566
4191065.17	0.33208	0.33646	0.33943	0.33980	0.33731	0.33097	0.32174	0.31045	0.29894
4191045.17	0.35948	0.36190	0.36153	0.35751	0.34986	0.33943	0.32716	0.31399	0.30201
4191025.17	0.38570	0.38463	0.37952	0.37057	0.35882	0.34516	0.33110	0.31747	0.30624
4191005.17	0.41017	0.40379	0.39335	0.38012	0.36566	0.35044	0.33599	0.32254	0.31144
4190985.17	0.43065	0.41852	0.40364	0.38775	0.37220	0.35698	0.34243	0.32884	0.31675
4190965.17	0.44643	0.42971	0.41222	0.39534	0.37964	0.36493	0.35054	0.33523	0.32196
4190945.17	0.45873	0.43947	0.42105	0.40393	0.38799	0.37285	0.35762	0.34096	0.32658
4190925.17	0.46991	0.44971	0.43092	0.41328	0.39642	0.38009	0.36372	0.34624	0.33170
4190905.17	0.48179	0.46098	0.44133	0.42248	0.40432	0.38699	0.37018	0.35289	0.33924
4190885.17	0.49460	0.47257	0.45147	0.43135	0.41247	0.39520	0.37940	0.36380	0.35158
4190865.17	0.50758	0.48399	0.46183	0.44146	0.42324	0.40737	0.39360	0.38065	0.36981
4190845.17	0.52085	0.49664	0.47489	0.45587	0.43960	0.42585	0.41423		

0.40380   0.39306

                           *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: BOATL
***
                               INCLUDING SOURCE(S):   L0000445   , L0000446   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 560817.30   560837.30   560857.30   560877.30   560897.30   560917.30   560937.30
560957.30   560977.30
 -
- - - - - - - -

  4190825.17 | 0.53696   0.51397   0.49426   0.47759   0.46351   0.45146   0.44087
0.43130   0.42024
  4190805.17 | 0.56021   0.53981   0.52258   0.50787   0.49498   0.48336   0.47258
0.46238   0.45030
  4190785.17 | 0.59418   0.57603   0.56018   0.54593   0.53276   0.52035   0.50851
0.49714   0.48371
  4190765.17 | 0.63965   0.62198   0.60571   0.59042   0.57589   0.56196   0.54857
0.53564   0.52072
  4190745.17 | 0.69524   0.67615   0.65804   0.64072   0.62407   0.60798   0.59232
0.57701   0.56068
  4190725.17 | 0.75952   0.73760   0.71653   0.69612   0.67625   0.65677   0.63758
0.61861   0.59950
  4190705.17 | 0.83120   0.80481   0.77909   0.75389   0.72911   0.70471   0.68067
0.65704   0.63387
  4190685.17 | 0.90669   0.87352   0.84105   0.80927   0.77822   0.74798   0.71862
0.69023   0.66289
  4190665.17 | 0.97962   0.93776   0.89728   0.85827   0.82083   0.78503   0.75092
0.71851   0.68779
  4190645.17 | 1.04450   0.99379   0.94569   0.90022   0.85737   0.81705   0.77918
0.74363   0.71028

                           *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: BOATL
***
                               INCLUDING SOURCE(S):   L0000445   , L0000446   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 560997.30   561017.30   561037.30   561057.30   561077.30   561097.30   561117.30
561137.30   561157.30
 -
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  4191625.17 | 0.09646   0.09572   0.09534   0.09531   0.09557   0.09614   0.09700
0.09807   0.09925
  4191605.17 | 0.09879   0.09827   0.09814   0.09833   0.09882   0.09963   0.10070
0.10190   0.10308

4191585.17	0.10139	0.10098	0.10126	0.10189	0.10246	0.10346	0.10468	0.10591	0.10699
4191565.17	0.10435	0.10419	0.10473	0.10567	0.10665	0.10775	0.10889	0.11003	0.11088
4191545.17	0.10756	0.10785	0.10868	0.10982	0.11107	0.11220	0.11323	0.11416	0.11472
4191525.17	0.11108	0.11201	0.11309	0.11435	0.11570	0.11678	0.11760	0.11823	0.11848
4191505.17	0.11519	0.11624	0.11765	0.11917	0.12030	0.12130	0.12193	0.12224	0.12226
4191485.17	0.11994	0.12110	0.12261	0.12414	0.12522	0.12592	0.12620	0.12626	0.12621
4191465.17	0.12529	0.12647	0.12784	0.12914	0.13031	0.13062	0.13049	0.13046	0.13054
4191445.17	0.13065	0.13208	0.13336	0.13432	0.13492	0.13507	0.13496	0.13506	0.13552
4191425.17	0.13647	0.13789	0.13894	0.13953	0.13973	0.13974	0.13985	0.14018	0.14115
4191405.17	0.14269	0.14384	0.14451	0.14477	0.14481	0.14494	0.14539	0.14473	0.14504
4191385.17	0.14905	0.14981	0.15013	0.15021	0.15036	0.15088	0.15199	0.15360	0.15576
4191365.17	0.15545	0.15584	0.15596	0.15613	0.15668	0.15771	0.15939	0.16169	0.16418
4191345.17	0.16193	0.16209	0.16229	0.16287	0.16407	0.16562	0.16520	0.16826	0.17112
4191325.17	0.16864	0.16887	0.16948	0.17067	0.17100	0.17333	0.17508	0.17797	0.18003
4191305.17	0.17591	0.17656	0.17773	0.17954	0.18040	0.18195	0.18462	0.18673	0.18778
4191285.17	0.18415	0.18553	0.18726	0.18682	0.19017	0.19224	0.19358	0.19411	0.19352
4191265.17	0.19375	0.19597	0.19830	0.19854	0.20149	0.20249	0.20186	0.19941	0.19532
4191245.17	0.20491	0.20778	0.21018	0.21046	0.21203	0.21106	0.20796	0.20306	0.19615
4191225.17	0.21752	0.22045	0.22220	0.22147	0.22077	0.21723	0.21163	0.20525	0.19736
4191205.17	0.23100	0.23308	0.23348	0.23168	0.22737	0.22084	0.21305	0.20546	0.19843
4191185.17	0.24483	0.24504	0.24288	0.23847	0.23140	0.22281	0.21423	0.20648	0.20019
4191165.17	0.25776	0.25517	0.24999	0.24268	0.23353	0.22423	0.21624	0.20901	0.20269
4191145.17	0.26887	0.26239	0.25469	0.24610	0.23684	0.22709	0.21774	0.21121	0.20546
4191125.17	0.27670	0.26738	0.25760	0.24798	0.23900	0.23081	0.22239	0.21623	0.21049
4191105.17	0.28158	0.27104	0.26007	0.24971	0.24162	0.23434	0.22765	0.22131	0.21510
4191085.17	0.28500	0.27384	0.26295	0.25297	0.24525	0.23807	0.23117	0.22436	0.21752
4191065.17	0.28783	0.27720	0.26718	0.25783	0.24915	0.24148	0.23423	0.22672	0.21925
4191045.17	0.29130	0.28141	0.27252	0.26343	0.25264	0.24414	0.23655	0.22845	0.22062
4191025.17	0.29609	0.28501	0.27607	0.26772	0.25776	0.24748	0.23638	0.22999	0.22242
4191005.17	0.30108	0.28934	0.27974	0.27047	0.26061	0.24997	0.23992	0.23253	0.22563
4190985.17	0.30529	0.29401	0.28300	0.27242	0.26250	0.25280	0.24414	0.23715	0.23117
4190965.17	0.30955	0.29758	0.28583	0.27490	0.26566	0.25784	0.25115	0.24528	0.24000
4190945.17	0.31369	0.30128	0.28995	0.28014	0.27256	0.26629	0.26092	0.25603	0.25146
4190925.17	0.31908	0.30693	0.29723	0.28962	0.28381	0.27839	0.27346	0.26909	0.26508
4190905.17	0.32797	0.31732	0.30963	0.30377	0.29907	0.29378	0.28850		

0.28407 0.27980
4190885.17 | 0.34159 0.33292 0.32666 0.32182 0.31692 0.31106 0.30529
0.30042 0.29566
4190865.17 | 0.36041 0.35325 0.34767 0.34240 0.33647 0.33007 0.32352
0.31829 0.31306
4190845.17 | 0.38346 0.37724 0.37065 0.36428 0.35771 0.35117 0.34485
0.33973 0.33413

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BOATL
***

INCLUDING SOURCE(S): L0000445 , L0000446 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	560997.30	561017.30	561037.30	561057.30	561077.30	561097.30	561117.30	561137.30	561157.30
4190825.17	0.40953	0.40315	0.39624	0.38912	0.38183	0.37480	0.36818	0.36225	0.35591
4190805.17	0.43849	0.43133	0.42430	0.41698	0.40879	0.40080	0.39295	0.38519	0.37745
4190785.17	0.47055	0.46240	0.45431	0.44578	0.43618	0.42666	0.41716	0.40765	0.39812
4190765.17	0.50659	0.49588	0.48569	0.47515	0.46336	0.45159	0.43984	0.42813	0.41649
4190745.17	0.54403	0.52938	0.51587	0.50280	0.48825	0.47383	0.45962	0.44565	0.43199
4190725.17	0.57969	0.55873	0.54144	0.52543	0.50935	0.49265	0.47621	0.46031	0.44499
4190705.17	0.61030	0.58436	0.56363	0.54495	0.52705	0.50855	0.49037	0.47302	0.45647
4190685.17	0.63568	0.60655	0.58324	0.56242	0.54248	0.52272	0.50325	0.48480	0.46732
4190665.17	0.65771	0.62610	0.60083	0.57782	0.55441	0.53413	0.51561	0.49622	0.47789
4190645.17	0.67830	0.64534	0.61806	0.59272	0.56606	0.54563	0.52743	0.50709	0.48788

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BOATL
***

INCLUDING SOURCE(S): L0000445 , L0000446 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	561177.30	561197.30	561217.30	561237.30	561257.30	561277.30	561297.30	561317.30	561337.30

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4191625.17	0.10038	0.10133	0.10199	0.10231	0.10235	0.10223	0.10210	0.10213	0.10230
4191605.17	0.10409	0.10481	0.10519	0.10526	0.10516	0.10503	0.10506	0.10540	0.10597
4191585.17	0.10777	0.10821	0.10832	0.10823	0.10812	0.10815	0.10850	0.10925	0.11027
4191565.17	0.11138	0.11154	0.11147	0.11136	0.11140	0.11176	0.11254	0.11376	0.11520
4191545.17	0.11492	0.11488	0.11478	0.11483	0.11520	0.11601	0.11727	0.11894	0.12066
4191525.17	0.11847	0.11838	0.11844	0.11882	0.11966	0.12098	0.12270	0.12467	0.12647
4191505.17	0.12219	0.12225	0.12265	0.12352	0.12489	0.12667	0.12870	0.13074	0.13230
4191485.17	0.12628	0.12670	0.12768	0.12914	0.13091	0.13296	0.13504	0.13669	0.13781
4191465.17	0.13098	0.13192	0.13356	0.13565	0.13755	0.13954	0.14127	0.14189	0.14259
4191445.17	0.13649	0.13802	0.13992	0.14199	0.14342	0.14478	0.14602	0.14717	0.14648
4191425.17	0.14274	0.14359	0.14584	0.14760	0.14951	0.15066	0.15101	0.15080	0.14893
4191405.17	0.14726	0.14904	0.15225	0.15495	0.15589	0.15599	0.15495	0.15292	0.14963
4191385.17	0.15819	0.16032	0.16073	0.16151	0.16218	0.16081	0.15829	0.15489	0.15078
4191365.17	0.16646	0.16811	0.16827	0.16754	0.16645	0.16369	0.15985	0.15546	0.15085
4191345.17	0.17324	0.17415	0.17414	0.17236	0.16907	0.16491	0.16023	0.15539	0.15069
4191325.17	0.18076	0.17991	0.17806	0.17476	0.17025	0.16528	0.16020	0.15534	0.15088
4191305.17	0.18706	0.18423	0.18042	0.17570	0.17056	0.16532	0.16029	0.15572	0.15169
4191285.17	0.19145	0.18708	0.18154	0.17505	0.17056	0.16557	0.16089	0.15677	0.15314
4191265.17	0.19005	0.18438	0.17959	0.17628	0.16810	0.16482	0.16212	0.15723	0.15483
4191245.17	0.18851	0.18228	0.17843	0.17587	0.16733	0.16356	0.16108	0.15757	0.15594
4191225.17	0.18906	0.18231	0.17846	0.17498	0.16795	0.16356	0.16049	0.15843	0.15670
4191205.17	0.19206	0.18607	0.18093	0.17608	0.17137	0.16649	0.16180	0.15933	0.15750
4191185.17	0.19480	0.18947	0.18411	0.17906	0.17412	0.16877	0.16390	0.16027	0.15803
4191165.17	0.19718	0.19225	0.18766	0.18257	0.17573	0.17049	0.16590	0.16098	0.15808
4191145.17	0.20140	0.19786	0.19172	0.18471	0.17722	0.17247	0.16814	0.16214	0.15863
4191125.17	0.20592	0.20064	0.19458	0.18639	0.17945	0.17445	0.17078	0.16394	0.16072
4191105.17	0.20888	0.20261	0.19597	0.18837	0.18393	0.17836	0.17304	0.16820	0.16389
4191085.17	0.21066	0.20386	0.19713	0.19062	0.18487	0.17954	0.17477	0.17085	0.16706
4191065.17	0.21192	0.20488	0.19827	0.19220	0.18675	0.18197	0.17791	0.17488	0.17185
4191045.17	0.21323	0.20641	0.20026	0.19484	0.19016	0.18618	0.18297	0.18057	0.17830
4191025.17	0.21546	0.20931	0.20398	0.19944	0.19561	0.19263	0.19020	0.18796	0.18590
4191005.17	0.21954	0.21434	0.21014	0.20662	0.20348	0.20101	0.19882	0.19656	0.19439
4190985.17	0.22613	0.22188	0.21876	0.21610	0.21329	0.21070	0.20822	0.20579	0.20337
4190965.17	0.23549	0.23242	0.22940	0.22662	0.22377	0.22100	0.21824		

								0.21549	0.21275
4190945.17	0.24750	0.24451	0.24155	0.23846	0.23509	0.23186	0.22876	0.22570	0.22271
4190925.17	0.26129	0.25760	0.25443	0.25127	0.24709	0.24341	0.24004	0.23678	0.23363
4190905.17	0.27561	0.27150	0.26722	0.26305	0.25959	0.25600	0.25244	0.24901	0.24569
4190885.17	0.29102	0.28650	0.28200	0.27765	0.27371	0.26990	0.26608	0.26235	0.25866
4190865.17	0.30801	0.30313	0.29897	0.29478	0.28954	0.28491	0.28045	0.27623	0.27186
4190845.17	0.32855	0.32312	0.31710	0.31104	0.30558	0.29933	0.29361	0.29008	0.28482

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BOATL ***

INCLUDING SOURCE(S): L0000445 , L0000446 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 561177.30	561197.30	561217.30	561237.30	561257.30	561277.30	561297.30	561317.30	561337.30
4190825.17	0.34950	0.34314	0.33592	0.32858	0.32152	0.31403	0.30695	0.30141	0.29527
4190805.17	0.36971	0.36194	0.35412	0.34582	0.33613	0.32777	0.31973	0.31031	0.30326
4190785.17	0.38857	0.37902	0.36948	0.35956	0.34833	0.33861	0.32963	0.32096	0.31112
4190765.17	0.40496	0.39359	0.38240	0.37116	0.35889	0.34788	0.33779	0.32908	0.31839
4190745.17	0.41866	0.40572	0.39319	0.38093	0.36825	0.35623	0.34486	0.33546	0.32527
4190725.17	0.43027	0.41614	0.40261	0.38966	0.37700	0.36390	0.35129	0.33956	0.32894
4190705.17	0.44072	0.42572	0.41145	0.39787	0.38496	0.37178	0.35884	0.34599	0.33308
4190685.17	0.45075	0.43504	0.42014	0.40600	0.39257	0.37980	0.36722	0.35388	0.34120
4190665.17	0.46056	0.44415	0.42860	0.41386	0.39986	0.38656	0.37362	0.36046	0.34783
4190645.17	0.46973	0.45256	0.43630	0.42090	0.40629	0.39242	0.37908	0.36597	0.35296

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BOATL ***

INCLUDING SOURCE(S): L0000445 , L0000446 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)		
	561357.30	561377.30	561397.30
4191625.17	0.10090	0.10204	0.10363
4191605.17	0.10499	0.10663	0.10862
4191585.17	0.10980	0.11185	0.11403
4191565.17	0.11524	0.11749	0.11959
4191545.17	0.12113	0.12326	0.12494
4191525.17	0.12712	0.12878	0.12970
4191505.17	0.13282	0.13364	0.13350
4191485.17	0.13803	0.13755	0.13613
4191465.17	0.14213	0.14018	0.13751
4191445.17	0.14470	0.14156	0.13781
4191425.17	0.14593	0.14186	0.13736
4191405.17	0.14553	0.14108	0.13662
4191385.17	0.14640	0.14204	0.13710
4191365.17	0.14631	0.14208	0.13802
4191345.17	0.14634	0.14246	0.13882
4191325.17	0.14693	0.14347	0.14019
4191305.17	0.14816	0.14503	0.14203
4191285.17	0.14990	0.14690	0.14400
4191265.17	0.15187	0.14875	0.14559
4191245.17	0.15373	0.15029	0.14664
4191225.17	0.15519	0.15133	0.14712
4191205.17	0.15611	0.15186	0.14734
4191185.17	0.15654	0.15220	0.14762
4191165.17	0.15678	0.15263	0.14826
4191145.17	0.15717	0.15352	0.14948
4191125.17	0.15820	0.15506	0.15161
4191105.17	0.16030	0.15780	0.15502
4191085.17	0.16389	0.16205	0.16001
4191065.17	0.16929	0.16785	0.16618
4191045.17	0.17628	0.17485	0.17323
4191025.17	0.18400	0.18257	0.18081
4191005.17	0.19233	0.19069	0.18867
4190985.17	0.20102	0.19911	0.19682
4190965.17	0.21011	0.20800	0.20554
4190945.17	0.21990	0.21768	0.21514
4190925.17	0.23070	0.22840	0.22573
4190905.17	0.24246	0.23949	0.23672
4190885.17	0.25500	0.25132	0.24809
4190865.17	0.26744	0.26296	0.25890
4190845.17	0.27893	0.27344	0.26842

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BOATL ***

INCLUDING SOURCE(S): L0000445 , L0000446 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)		
	561357.30	561377.30	561397.30
4190825.17	0.28885	0.28233	0.27637

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: BOATL
***

INCLUDING SOURCE(S): L0000445 , L0000446 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
560122.00	4190978.00	0.63929	560142.00	4190978.00	0.62624
560162.00	4190978.00	0.59026	560182.00	4190978.00	0.55453
560202.00	4190978.00	0.53247	560222.00	4190978.00	0.52872
560242.00	4190978.00	0.53905	560262.00	4190978.00	0.55567
560102.00	4190998.00	0.57928	560122.00	4190998.00	0.59837
560142.00	4190998.00	0.58004	560162.00	4190998.00	0.54492
560182.00	4190998.00	0.51271	560202.00	4190998.00	0.49401
560222.00	4190998.00	0.49165	560242.00	4190998.00	0.50195
560262.00	4190998.00	0.51740	560282.00	4190998.00	0.53082
560302.00	4190998.00	0.53815	560322.00	4190998.00	0.53914
560102.00	4191018.00	0.54884	560122.00	4191018.00	0.55929
560142.00	4191018.00	0.53791	560162.00	4191018.00	0.50459
560182.00	4191018.00	0.47560	560202.00	4191018.00	0.45911
560222.00	4191018.00	0.45721	560242.00	4191018.00	0.46670
560262.00	4191018.00	0.48098	560282.00	4191018.00	0.49436
560302.00	4191018.00	0.50361	560322.00	4191018.00	0.50617
560342.00	4191018.00	0.50066	560362.00	4191018.00	0.48970
560382.00	4191018.00	0.47936	560402.00	4191018.00	0.47331
560102.00	4191038.00	0.52125	560122.00	4191038.00	0.52318
560142.00	4191038.00	0.49988	560162.00	4191038.00	0.46859
560182.00	4191038.00	0.44252	560202.00	4191038.00	0.42793

560222.00	4191038.00	0.42642	560242.00	4191038.00	0.43519
560262.00	4191038.00	0.44841	560282.00	4191038.00	0.46101
560302.00	4191038.00	0.47021	560322.00	4191038.00	0.47388
560342.00	4191038.00	0.47030	560362.00	4191038.00	0.46080
560382.00	4191038.00	0.45033	560402.00	4191038.00	0.44362
560422.00	4191038.00	0.44184	560442.00	4191038.00	0.44364
560462.00	4191038.00	0.44445	560082.00	4191058.00	0.46811
560102.00	4191058.00	0.49388	560122.00	4191058.00	0.48974
560142.00	4191058.00	0.46551	560162.00	4191058.00	0.43636
560182.00	4191058.00	0.41290	560202.00	4191058.00	0.39996
560222.00	4191058.00	0.39877	560242.00	4191058.00	0.40688
560262.00	4191058.00	0.41916	560282.00	4191058.00	0.43103
560302.00	4191058.00	0.44006	560322.00	4191058.00	0.44451
560342.00	4191058.00	0.44262	560362.00	4191058.00	0.43470
560382.00	4191058.00	0.42454	560402.00	4191058.00	0.41706
560422.00	4191058.00	0.41451	560442.00	4191058.00	0.41569
560462.00	4191058.00	0.41724	560082.00	4191078.00	0.44866
560102.00	4191078.00	0.46724	560122.00	4191078.00	0.45883
560142.00	4191078.00	0.43441	560162.00	4191078.00	0.40740

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BOATL ***

INCLUDING SOURCE(S): L0000445 , L0000446 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
560182.00	4191078.00	0.38629	560202.00	4191078.00	0.37477
560222.00	4191078.00	0.37384	560242.00	4191078.00	0.38138
560262.00	4191078.00	0.39280	560282.00	4191078.00	0.40398
560302.00	4191078.00	0.41275	560322.00	4191078.00	0.41773
560342.00	4191078.00	0.41726	560362.00	4191078.00	0.41093
560382.00	4191078.00	0.40144	560402.00	4191078.00	0.39329

560422.00	4191078.00	0.38947	560442.00	4191078.00	0.38974
560462.00	4191078.00	0.39182	560482.00	4191078.00	0.39311
560502.00	4191078.00	0.39132	560082.00	4191098.00	0.42969
560102.00	4191098.00	0.44195	560122.00	4191098.00	0.43032
560142.00	4191098.00	0.40622	560162.00	4191098.00	0.38131
560182.00	4191098.00	0.36228	560202.00	4191098.00	0.35201
560222.00	4191098.00	0.35130	560242.00	4191098.00	0.35830
560262.00	4191098.00	0.36896	560282.00	4191098.00	0.37948
560302.00	4191098.00	0.38795	560322.00	4191098.00	0.39326
560342.00	4191098.00	0.39395	560362.00	4191098.00	0.38915
560382.00	4191098.00	0.38057	560402.00	4191098.00	0.37213
560422.00	4191098.00	0.36720	560442.00	4191098.00	0.36642
560462.00	4191098.00	0.36814	560482.00	4191098.00	0.37006
560502.00	4191098.00	0.37008	560522.00	4191098.00	0.36588
560062.00	4191118.00	0.38201	560082.00	4191118.00	0.41119
560102.00	4191118.00	0.41800	560122.00	4191118.00	0.40405
560142.00	4191118.00	0.38064	560162.00	4191118.00	0.35773
560182.00	4191118.00	0.34056	560202.00	4191118.00	0.33137
560222.00	4191118.00	0.33083	560242.00	4191118.00	0.33736
560262.00	4191118.00	0.34732	560282.00	4191118.00	0.35725
560302.00	4191118.00	0.36538	560322.00	4191118.00	0.37087
560342.00	4191118.00	0.37247	560362.00	4191118.00	0.36908
560382.00	4191118.00	0.36157	560402.00	4191118.00	0.35317
560422.00	4191118.00	0.34735	560442.00	4191118.00	0.34549
560462.00	4191118.00	0.34661	560482.00	4191118.00	0.34869
560502.00	4191118.00	0.34981	560522.00	4191118.00	0.34750
560062.00	4191138.00	0.36965	560082.00	4191138.00	0.39316
560102.00	4191138.00	0.39539	560122.00	4191138.00	0.37985
560142.00	4191138.00	0.35738	560162.00	4191138.00	0.33636
560182.00	4191138.00	0.32084	560202.00	4191138.00	0.31259
560222.00	4191138.00	0.31221	560242.00	4191138.00	0.31830
560262.00	4191138.00	0.32762	560282.00	4191138.00	0.33700
560302.00	4191138.00	0.34480	560322.00	4191138.00	0.35033
560342.00	4191138.00	0.35263	560362.00	4191138.00	0.35049

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BOATL ***

INCLUDING SOURCE(S): L0000445 , L0000446 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
560382.00	4191138.00	0.34414	560402.00	4191138.00	0.33606
560422.00	4191138.00	0.32961	560442.00	4191138.00	0.32673
560462.00	4191138.00	0.32708	560482.00	4191138.00	0.32901
560502.00	4191138.00	0.33060	560062.00	4191158.00	0.35740
560082.00	4191158.00	0.37566	560102.00	4191158.00	0.37410
560122.00	4191158.00	0.35758	560142.00	4191158.00	0.33621
560162.00	4191158.00	0.31695	560182.00	4191158.00	0.30289
560202.00	4191158.00	0.29547	560222.00	4191158.00	0.29521
560242.00	4191158.00	0.30091	560262.00	4191158.00	0.30965
560282.00	4191158.00	0.31852	560302.00	4191158.00	0.32597
560322.00	4191158.00	0.33148	560342.00	4191158.00	0.33428
560362.00	4191158.00	0.33322	560382.00	4191158.00	0.32804
560402.00	4191158.00	0.32050	560422.00	4191158.00	0.31369
560442.00	4191158.00	0.30989	560462.00	4191158.00	0.30939
560482.00	4191158.00	0.31095	560502.00	4191158.00	0.31134
560062.00	4191178.00	0.34589	560082.00	4191178.00	0.35900
560102.00	4191178.00	0.35410	560122.00	4191178.00	0.33708
560142.00	4191178.00	0.31691	560162.00	4191178.00	0.29926
560182.00	4191178.00	0.28651	560202.00	4191178.00	0.27980
560222.00	4191178.00	0.27965	560242.00	4191178.00	0.28498
560322.00	4191178.00	0.31414	560342.00	4191178.00	0.31729
560362.00	4191178.00	0.31714	560382.00	4191178.00	0.31307
560402.00	4191178.00	0.30625	560422.00	4191178.00	0.29932
560442.00	4191178.00	0.29476	560462.00	4191178.00	0.29340
560482.00	4191178.00	0.29443	560502.00	4191178.00	0.29434

560062.00	4191198.00	0.33470	560082.00	4191198.00	0.34302
560102.00	4191198.00	0.33534	560122.00	4191198.00	0.31821
560142.00	4191198.00	0.29926	560162.00	4191198.00	0.28310
560182.00	4191198.00	0.27150	560202.00	4191198.00	0.26544
560222.00	4191198.00	0.26536	560362.00	4191198.00	0.30212
560382.00	4191198.00	0.29910	560402.00	4191198.00	0.29309
560422.00	4191198.00	0.28627	560442.00	4191198.00	0.28114
560462.00	4191198.00	0.27893	560482.00	4191198.00	0.27927
560042.00	4191218.00	0.30248	560062.00	4191218.00	0.32266
560082.00	4191218.00	0.32726	560102.00	4191218.00	0.31777
560122.00	4191218.00	0.30081	560142.00	4191218.00	0.28309
560162.00	4191218.00	0.26829	560182.00	4191218.00	0.25773
560202.00	4191218.00	0.25222	560222.00	4191218.00	0.25222
560342.00	4191218.00	0.28693	560362.00	4191218.00	0.28808
560382.00	4191218.00	0.28601	560402.00	4191218.00	0.28086

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BOATL ***

INCLUDING SOURCE(S): L0000445 , L0000446 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
560422.00	4191218.00	0.27435	560442.00	4191218.00	0.26883
560462.00	4191218.00	0.26559	560482.00	4191218.00	0.26466
560082.00	4191238.00	0.31216	560102.00	4191238.00	0.30134
560122.00	4191238.00	0.28477	560142.00	4191238.00	0.26825
560162.00	4191238.00	0.25469	560182.00	4191238.00	0.24504
560202.00	4191238.00	0.24004	560222.00	4191238.00	0.24009
560342.00	4191238.00	0.27335	560362.00	4191238.00	0.27495
560382.00	4191238.00	0.27370	560402.00	4191238.00	0.26943
560422.00	4191238.00	0.26336	560442.00	4191238.00	0.25766
560462.00	4191238.00	0.25355	560182.00	4191258.00	0.23334

560202.00	4191258.00	0.22878	560322.00	4191258.00	0.25717
560342.00	4191258.00	0.26073	560362.00	4191258.00	0.26266
560382.00	4191258.00	0.26212	560402.00	4191258.00	0.25869
560422.00	4191258.00	0.25318	560442.00	4191258.00	0.24742
560462.00	4191258.00	0.24261	560322.00	4191278.00	0.24546
560342.00	4191278.00	0.24899	560362.00	4191278.00	0.25114
560382.00	4191278.00	0.25119	560402.00	4191278.00	0.24857
560422.00	4191278.00	0.24369	560442.00	4191278.00	0.23757
559982.00	4191298.00	0.20388	560002.00	4191298.00	0.22810
560022.00	4191298.00	0.25232	560042.00	4191298.00	0.26998
560062.00	4191298.00	0.27622	560302.00	4191298.00	0.23013
560322.00	4191298.00	0.23459	560342.00	4191298.00	0.23805
560362.00	4191298.00	0.24035	560382.00	4191298.00	0.24089
560402.00	4191298.00	0.23899	560422.00	4191298.00	0.23477
560442.00	4191298.00	0.22849	559962.00	4191318.00	0.18190
559982.00	4191318.00	0.20129	560002.00	4191318.00	0.22470
560022.00	4191318.00	0.24690	560042.00	4191318.00	0.26166
560062.00	4191318.00	0.26527	560082.00	4191318.00	0.25855
560102.00	4191318.00	0.24585	560122.00	4191318.00	0.23195
560142.00	4191318.00	0.21971	560162.00	4191318.00	0.21003
560302.00	4191318.00	0.22017	560322.00	4191318.00	0.22447
560342.00	4191318.00	0.22785	560362.00	4191318.00	0.23024
560382.00	4191318.00	0.23116	560402.00	4191318.00	0.22990
560422.00	4191318.00	0.22636	559962.00	4191338.00	0.17877
559982.00	4191338.00	0.19868	560002.00	4191338.00	0.22128
560022.00	4191338.00	0.24134	560042.00	4191338.00	0.25334
560062.00	4191338.00	0.25465	560082.00	4191338.00	0.24683
560102.00	4191338.00	0.23423	560122.00	4191338.00	0.22111
560142.00	4191338.00	0.20978	560162.00	4191338.00	0.20085
560182.00	4191338.00	0.19454	560202.00	4191338.00	0.19133

***

INCLUDING SOURCE(S): L0000445 , L0000446 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
560222.00	4191338.00	0.19155	560242.00	4191338.00	0.19487
560302.00	4191338.00	0.21089	560322.00	4191338.00	0.21504
560342.00	4191338.00	0.21832	560362.00	4191338.00	0.22076
560382.00	4191338.00	0.22197	560402.00	4191338.00	0.22128
560422.00	4191338.00	0.21839	559962.00	4191358.00	0.17615
559982.00	4191358.00	0.19628	560002.00	4191358.00	0.21781
560022.00	4191358.00	0.23565	560042.00	4191358.00	0.24507
560062.00	4191358.00	0.24440	560082.00	4191358.00	0.23575
560102.00	4191358.00	0.22339	560122.00	4191358.00	0.21105
560142.00	4191358.00	0.20055	560162.00	4191358.00	0.19231
560182.00	4191358.00	0.18648	560202.00	4191358.00	0.18352
560222.00	4191358.00	0.18376	560242.00	4191358.00	0.18690
560262.00	4191358.00	0.19186	560282.00	4191358.00	0.19730
560302.00	4191358.00	0.20222	560322.00	4191358.00	0.20624
560342.00	4191358.00	0.20942	560362.00	4191358.00	0.21187
560382.00	4191358.00	0.21307	560402.00	4191358.00	0.21273
559962.00	4191378.00	0.17395	559982.00	4191378.00	0.19399
560002.00	4191378.00	0.21423	560022.00	4191378.00	0.22984
560042.00	4191378.00	0.23688	560062.00	4191378.00	0.23452
560082.00	4191378.00	0.22530	560102.00	4191378.00	0.21328
560122.00	4191378.00	0.20170	560142.00	4191378.00	0.19198
560162.00	4191378.00	0.18435	560182.00	4191378.00	0.17896
560202.00	4191378.00	0.17622	560222.00	4191378.00	0.17649
560242.00	4191378.00	0.17946	560262.00	4191378.00	0.18417
560282.00	4191378.00	0.18937	560302.00	4191378.00	0.19408
560322.00	4191378.00	0.19794	560342.00	4191378.00	0.20101
559982.00	4191398.00	0.19174	560002.00	4191398.00	0.21052
560022.00	4191398.00	0.22393	560042.00	4191398.00	0.22879
560062.00	4191398.00	0.22503	560082.00	4191398.00	0.21544
560102.00	4191398.00	0.20384	560122.00	4191398.00	0.19300

560142.00	4191398.00	0.18399	560162.00	4191398.00	0.17693
560182.00	4191398.00	0.17193	560202.00	4191398.00	0.16940
560222.00	4191398.00	0.16967	560242.00	4191398.00	0.17249
560262.00	4191398.00	0.17697	560282.00	4191398.00	0.18180
559982.00	4191418.00	0.18922	560002.00	4191418.00	0.20639
560022.00	4191418.00	0.21782	560042.00	4191418.00	0.22085
560062.00	4191418.00	0.21593	560082.00	4191418.00	0.20616
560102.00	4191418.00	0.19503	560122.00	4191418.00	0.18489
560142.00	4191418.00	0.17654	560162.00	4191418.00	0.16999
560182.00	4191418.00	0.16534	560202.00	4191418.00	0.16301

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BOATL ***

INCLUDING SOURCE(S): L0000445 , L0000446 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
560222.00	4191418.00	0.16329	560242.00	4191418.00	0.16597
560262.00	4191418.00	0.17023	560002.00	4191438.00	0.20192
560022.00	4191438.00	0.21156	560042.00	4191438.00	0.21302
560062.00	4191438.00	0.20724	560082.00	4191438.00	0.19742
560102.00	4191438.00	0.18680	560122.00	4191438.00	0.17733
560142.00	4191438.00	0.16958	560162.00	4191438.00	0.16349
560182.00	4191438.00	0.15917	560202.00	4191438.00	0.15700
560222.00	4191438.00	0.15729	560242.00	4191438.00	0.15984
560262.00	4191438.00	0.16388	560042.00	4191458.00	0.20472
560062.00	4191458.00	0.19890	560082.00	4191458.00	0.18919
560102.00	4191458.00	0.17910	560122.00	4191458.00	0.17027
560142.00	4191458.00	0.16307	560162.00	4191458.00	0.15740
560182.00	4191458.00	0.15337	560202.00	4191458.00	0.15136
560222.00	4191458.00	0.15166	560242.00	4191458.00	0.15408
560262.00	4191458.00	0.15766	560142.00	4191478.00	0.15662

560162.00	4191478.00	0.15143	560182.00	4191478.00	0.14767
560202.00	4191478.00	0.14596	560222.00	4191478.00	0.14635
560242.00	4191478.00	0.14866	560155.00	4190663.00	3.34208
560175.00	4190663.00	3.70782	560115.00	4190683.00	2.33484
560135.00	4190683.00	2.50670	560155.00	4190683.00	2.85002
560175.00	4190683.00	3.11019	560095.00	4190703.00	1.93648
560115.00	4190703.00	1.98484	560135.00	4190703.00	2.16745
560155.00	4190703.00	2.46853	560175.00	4190703.00	2.64230
560095.00	4190723.00	1.65744	560115.00	4190723.00	1.71881
560135.00	4190723.00	1.90733	560155.00	4190723.00	2.16260
560175.00	4190723.00	2.26795	560195.00	4190723.00	2.20273
560095.00	4190743.00	1.43792	560115.00	4190743.00	1.51411
560135.00	4190743.00	1.70183	560155.00	4190743.00	1.91044
560175.00	4190743.00	1.96358	560195.00	4190743.00	1.88693
560075.00	4190763.00	1.24568	560095.00	4190763.00	1.26411
560115.00	4190763.00	1.35461	560135.00	4190763.00	1.53445
560155.00	4190763.00	1.69819	560175.00	4190763.00	1.71301
560195.00	4190763.00	1.63329	560215.00	4190763.00	1.58195
560075.00	4190783.00	1.09781	560095.00	4190783.00	1.12610
560115.00	4190783.00	1.22825	560135.00	4190783.00	1.39415
560155.00	4190783.00	1.51692	560175.00	4190783.00	1.50479
560195.00	4190783.00	1.42695	560215.00	4190783.00	1.38273
560235.00	4190783.00	1.39837	560075.00	4190803.00	0.97632
560095.00	4190803.00	1.01629	560115.00	4190803.00	1.12591
560135.00	4190803.00	1.27344	560155.00	4190803.00	1.36046

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BOATL
***

INCLUDING SOURCE(S): L0000445 , L0000446 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC

- - - - - - -

560175.00	4190803.00	1.33033	560195.00	4190803.00	1.25708
560215.00	4190803.00	1.21955	560235.00	4190803.00	1.23400
560255.00	4190803.00	1.26911	560275.00	4190803.00	1.28913
560075.00	4190823.00	0.87674	560095.00	4190823.00	0.92856
560115.00	4190823.00	1.04078	560135.00	4190823.00	1.16427
560155.00	4190823.00	1.21680	560175.00	4190823.00	1.18089
560195.00	4190823.00	1.11573	560215.00	4190823.00	1.08392
560235.00	4190823.00	1.09722	560255.00	4190823.00	1.12892
560275.00	4190823.00	1.14937	560295.00	4190823.00	1.14449
560315.00	4190823.00	1.12580	560115.00	4190843.00	0.96793
560135.00	4190843.00	1.06880	560155.00	4190843.00	1.09579
560175.00	4190843.00	1.05316	560195.00	4190843.00	0.99542
560215.00	4190843.00	0.97002	560235.00	4190843.00	0.98223
560255.00	4190843.00	1.01124	560275.00	4190843.00	1.03251
560295.00	4190843.00	1.03232	560315.00	4190843.00	1.01441
560335.00	4190843.00	0.99660	560195.00	4190863.00	0.89069
560215.00	4190863.00	0.87342	560235.00	4190863.00	0.88464
560255.00	4190863.00	0.91110	560275.00	4190863.00	0.93243
560295.00	4190863.00	0.93604	560315.00	4190863.00	0.92183
560335.00	4190863.00	0.90360	560075.00	4190883.00	0.67599
560095.00	4190883.00	0.75136	560115.00	4190883.00	0.84638
560255.00	4190883.00	0.82524	560275.00	4190883.00	0.84610
560295.00	4190883.00	0.85262	560315.00	4190883.00	0.84223
560335.00	4190883.00	0.82463			

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: DREDG
***

INCLUDING SOURCE(S): L0000587 , L0000588 , L0000589 , L0000590 ,
L0000591 ,
L0000592 , L0000593 , L0000594 , L0000595 , L0000596 , L0000597 , L0000598 ,
L0000599 ,
L0000600 , L0000601 , L0000602 , L0000603 , L0000604 , L0000605 , L0000606 ,
L0000607 ,
L0000608 , L0000609 , L0000610 , L0000611 , L0000612 , L0000613 , L0000614 ,
. . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	559917.30	559937.30	559957.30	559977.30	559997.30	560017.30	560037.30	560057.30	560077.30
4191625.17	0.09662	0.09619	0.09582	0.09547	0.09507	0.09468	0.09425	0.09364	0.09312
4191605.17	0.09921	0.09875	0.09835	0.09798	0.09762	0.09723	0.09678	0.09617	0.09554
4191585.17	0.10194	0.10144	0.10101	0.10062	0.10020	0.09979	0.09937	0.09887	0.09813
4191565.17	0.10482	0.10429	0.10383	0.10334	0.10258	0.10214	0.10186	0.10150	0.10076
4191545.17	0.10787	0.10718	0.10665	0.10612	0.10522	0.10484	0.10458	0.10417	0.10345
4191525.17	0.11106	0.11014	0.10953	0.10901	0.10823	0.10787	0.10754	0.10693	0.10625
4191505.17	0.11449	0.11351	0.11286	0.11235	0.11175	0.11122	0.11072	0.11006	0.10934
4191485.17	0.11814	0.11709	0.11639	0.11585	0.11531	0.11473	0.11415	0.11367	0.11298
4191465.17	0.12203	0.12091	0.12016	0.11957	0.11899	0.11842	0.11784	0.11769	0.11703
4191445.17	0.12624	0.12532	0.12457	0.12393	0.12330	0.12279	0.12229	0.12165	0.12079
4191425.17	0.13071	0.12983	0.12919	0.12861	0.12792	0.12734	0.12669	0.12579	0.12481
4191405.17	0.13550	0.13455	0.13403	0.13357	0.13282	0.13202	0.13114	0.13016	0.12911
4191385.17	0.14105	0.13970	0.13907	0.13856	0.13775	0.13688	0.13592	0.13486	0.13372
4191365.17	0.14686	0.14526	0.14450	0.14395	0.14306	0.14211	0.14106	0.13991	0.13868
4191345.17	0.15294	0.15121	0.15038	0.14978	0.14881	0.14777	0.14662	0.14537	0.14403
4191325.17	0.15956	0.15768	0.15677	0.15610	0.15504	0.15390	0.15265	0.15128	0.14982
4191305.17	0.16679	0.16500	0.16374	0.16275	0.16175	0.16057	0.15919	0.15769	0.15609
4191285.17	0.17480	0.17323	0.17146	0.16981	0.16907	0.16786	0.16633	0.16468	0.16293
4191265.17	0.18353	0.18180	0.18016	0.17854	0.17730	0.17585	0.17415	0.17232	0.17038
4191245.17	0.19318	0.19128	0.18958	0.18799	0.18637	0.18464	0.18275	0.18071	0.17856
4191225.17	0.20391	0.20181	0.19992	0.19813	0.19632	0.19436	0.19224	0.18995	0.18755
4191205.17	0.21591	0.21359	0.21146	0.20931	0.20659	0.20427	0.20201	0.20007	0.19748
4191185.17	0.22942	0.22683	0.22413	0.22138	0.21845	0.21580	0.21325	0.21091	0.20826
4191165.17	0.24473	0.24184	0.23842	0.23477	0.23209	0.22922	0.22612	0.22282	0.22013
4191145.17	0.26223	0.25899	0.25566	0.25203	0.24794	0.24441	0.24082	0.23702	0.23390
4191125.17	0.28243	0.27877	0.27515	0.27134	0.26612	0.26175	0.25755	0.25313	0.24947
4191105.17	0.30601	0.30185	0.29760	0.29308	0.28692	0.28174	0.27677	0.27156	0.26719
4191085.17	0.33202	0.32882	0.32409	0.31864	0.31127	0.30505	0.29907	0.29280	0.28746
4191065.17	0.36558	0.36156	0.35584	0.34916	0.34018	0.33257	0.32523	0.31750	0.31081
4191045.17	0.40859	0.40213	0.39465	0.38627	0.37509	0.36553	0.35625	0.34649	0.33762

                          *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: DREDG
***
                              INCLUDING SOURCE(S):   L0000587   , L0000588   , L0000589   , L0000590   ,
L0000591   ,
                L0000592   , L0000593   , L0000594   , L0000595   , L0000596   , L0000597   , L0000598   ,
L0000599   ,
                L0000600   , L0000601   , L0000602   , L0000603   , L0000604   , L0000605   , L0000606   ,
L0000607   ,
                L0000608   , L0000609   , L0000610   , L0000611   , L0000612   , L0000613   , L0000614   ,
. . .   ,

                               *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                    ** CONC OF PM_10   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 559917.30   559937.30   559957.30   559977.30   559997.30   560017.30   560037.30
560057.30   560077.30
 -
- - - - - - - -

  4190825.17 | 2.49515   2.19346   1.95545   2.21801   2.17984   1.77543   1.48267
1.27397   1.11331
  4190805.17 | 2.31971   2.51574   2.30686   2.27227   2.37851   1.94471   1.63151
1.38119   1.19886
  4190785.17 | 2.33208   2.73295   2.30961   2.01418   2.62601   2.13809   1.77501
1.48205   1.27906
  4190765.17 | 2.49184   2.40787   2.35785   2.27685   2.25698   2.31478   1.90136
1.57505   1.35076
  4190745.17 | 2.58611   2.61674   2.77149   2.32910   2.49757   2.47892   2.01550
1.65571   1.41150
  4190725.17 | 2.59972   2.83898   2.35731   2.54397   2.15351   2.63131   2.11976
1.74012   1.46809
  4190705.17 | 2.57164   2.29862   2.84251   2.42488   2.10173   2.21637   2.20451
1.80265   1.50602
  4190685.17 | 2.93805   2.88888   2.67366   2.36630   2.06917   2.16707   2.23954
1.82674   1.51737
  4190665.17 | 2.99126   2.59199   2.10575   2.28407   1.94084   2.72432   2.15484
1.76660   1.47475
  4190645.17 | 2.38405   2.02631   2.18725   1.95059   2.16275   2.38515   1.94251
1.62899   1.38366

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: DREDG ***

INCLUDING SOURCE(S): L0000587 , L0000588 , L0000589 , L0000590 , L0000591 ,
L0000592 , L0000593 , L0000594 , L0000595 , L0000596 , L0000597 , L0000598 , L0000599 ,
L0000600 , L0000601 , L0000602 , L0000603 , L0000604 , L0000605 , L0000606 , L0000607 ,
L0000608 , L0000609 , L0000610 , L0000611 , L0000612 , L0000613 , L0000614 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	560097.30	560117.30	560137.30	560157.30	560177.30	560197.30	560217.30	560237.30	560257.30
4191625.17	0.09258	0.09200	0.09139	0.09077	0.09013	0.08950	0.08888	0.08826	0.08764
4191605.17	0.09490	0.09429	0.09365	0.09299	0.09233	0.09167	0.09101	0.09036	0.08972
4191585.17	0.09735	0.09670	0.09603	0.09533	0.09464	0.09394	0.09326	0.09258	0.09190
4191565.17	0.09989	0.09902	0.09827	0.09755	0.09682	0.09620	0.09562	0.09490	0.09419
4191545.17	0.10261	0.10172	0.10085	0.10001	0.09925	0.09868	0.09810	0.09735	0.09660
4191525.17	0.10552	0.10474	0.10379	0.10278	0.10197	0.10137	0.10076	0.09996	0.09918
4191505.17	0.10856	0.10774	0.10697	0.10620	0.10534	0.10468	0.10401	0.10316	0.10222
4191485.17	0.11214	0.11126	0.11044	0.10969	0.10877	0.10798	0.10719	0.10629	0.10522
4191465.17	0.11612	0.11517	0.11421	0.11323	0.11226	0.11129	0.11033	0.10937	0.10828
4191445.17	0.11982	0.11881	0.11778	0.11674	0.11571	0.11468	0.11366	0.11265	0.11161
4191425.17	0.12377	0.12269	0.12159	0.12049	0.11938	0.11829	0.11720	0.11613	0.11507
4191405.17	0.12799	0.12683	0.12566	0.12448	0.12330	0.12213	0.12097	0.11983	0.11871
4191385.17	0.13252	0.13128	0.13002	0.12875	0.12749	0.12624	0.12500	0.12378	0.12258
4191365.17	0.13738	0.13605	0.13469	0.13333	0.13198	0.13063	0.12931	0.12800	0.12671
4191345.17	0.14263	0.14118	0.13972	0.13825	0.13679	0.13534	0.13392	0.13251	0.13111
4191325.17	0.14829	0.14672	0.14514	0.14355	0.14197	0.14041	0.13887	0.13734	0.13582
4191305.17	0.15443	0.15272	0.15099	0.14927	0.14755	0.14586	0.14418	0.14251	0.14085
4191285.17	0.16110	0.15923	0.15734	0.15546	0.15359	0.15174	0.14990	0.14807	0.14623
4191265.17	0.16837	0.16631	0.16424	0.16218	0.16013	0.15810	0.15607	0.15403	0.15197
4191245.17	0.17632	0.17405	0.17177	0.16949	0.16723	0.16498	0.16271	0.16042	0.15810

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  4191225.17 |       0.18506      0.18254      0.18001      0.17748      0.17496      0.17243      0.16987
0.16728      0.16464
  4191205.17 |       0.19470      0.19188      0.18905      0.18622      0.18338      0.18051      0.17759
0.17463      0.17162
  4191185.17 |       0.20538      0.20221      0.19902      0.19580      0.19256      0.18926      0.18591
0.18251      0.17907
  4191165.17 |       0.21729      0.21367      0.21002      0.20633      0.20258      0.19876      0.19488
0.19097      0.18706
  4191145.17 |       0.23061      0.22644      0.22221      0.21790      0.21352      0.20907      0.20460
0.20013      0.19571
  4191125.17 |       0.24560      0.24071      0.23572      0.23064      0.22550      0.22033      0.21519
0.21012      0.20518
  4191105.17 |       0.26253      0.25670      0.25075      0.24474      0.23871      0.23274      0.22688
0.22119      0.21571
  4191085.17 |       0.28175      0.27470      0.26757      0.26046      0.25344      0.24660      0.23998
0.23364      0.22758
  4191065.17 |       0.30368      0.29511      0.28659      0.27823      0.27013      0.26234      0.25490
0.24781      0.24105
  4191045.17 |       0.32900      0.31859      0.30845      0.29869      0.28937      0.28049      0.27206
0.26404      0.25638
  4191025.17 |       0.35669      0.34580      0.33409      0.32266      0.31182      0.30156      0.29183
0.28256      0.27369
  4191005.17 |       0.39085      0.37834      0.36460      0.35096      0.33809      0.32592      0.31440
0.30343      0.29295
  4190985.17 |       0.43387      0.41804      0.40098      0.38421      0.36846      0.35366      0.33971
0.32626      0.31375
  4190965.17 |       0.48267      0.46226      0.44197      0.42248      0.40281      0.38355      0.36509
0.34793      0.33297
  4190945.17 |       0.54300      0.51377      0.48691      0.46173      0.43740      0.41438      0.39225
0.37225      0.35467
  4190925.17 |       0.61315      0.57132      0.53434      0.50141      0.47191      0.44529      0.42112
0.39904      0.37880
  4190905.17 |       0.68962      0.63576      0.58924      0.54865      0.51287      0.48105      0.45292
0.42893      0.40568
  4190885.17 |       0.76720      0.70086      0.64600      0.59800      0.55447      0.51776      0.48597
0.45777      0.43128
  4190865.17 |       0.84236      0.76390      0.70125      0.64743      0.59477      0.55387      0.51852
0.48495      0.45508
  4190845.17 |       0.91507      0.82465      0.75033      0.68808      0.63507      0.58829      0.54727
0.51028      0.47763
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                  ***
  09:59:03

  PAGE 719
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

                          *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: DREDG
***
                              INCLUDING SOURCE(S):     L0000587    , L0000588    , L0000589    , L0000590    ,
L0000591    ,
               L0000592    , L0000593    , L0000594    , L0000595    , L0000596    , L0000597    , L0000598    ,
L0000599    ,
               L0000600    , L0000601    , L0000602    , L0000603    , L0000604    , L0000605    , L0000606    ,
L0000607    ,
               L0000608    , L0000609    , L0000610    , L0000611    , L0000612    , L0000613    , L0000614    ,
. . .       ,

                               *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                    ** CONC OF PM_10    IN MICROGRAMS/M**3                          **

    Y-COORD  |                                          X-COORD (METERS)
    (METERS) |     560097.30    560117.30    560137.30    560157.30    560177.30    560197.30    560217.30
560237.30    560257.30
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -
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  4190825.17 | 0.98697   0.88444   0.80145   0.73209   0.67325   0.62061   0.57445
0.53422   0.49894
  4190805.17 | 1.05757   0.94300   0.85309   0.77693   0.70862   0.65035   0.60027
0.55690   0.51906
  4190785.17 | 1.12365   0.99753   0.89846   0.81498   0.74086   0.67805   0.62434
0.57800   0.53884
  4190765.17 | 1.18156   1.04479   0.93780   0.84823   0.76930   0.70263   0.64572
0.59799   0.55670
  4190745.17 | 1.22912   1.08324   0.96991   0.87554   0.79277   0.72289   0.66374
0.61530   0.57090
  4190725.17 | 1.26546   1.11235   0.99403   0.89581   0.80996   0.73754   0.67623
0.62589   0.57993
  4190705.17 | 1.28788   1.12958   1.00771   0.90686   0.81909   0.74628   0.68455
0.63164   0.58447
  4190685.17 | 1.28840   1.12917   1.00687   0.90594   0.81840   0.74732   0.68638
0.63178   0.58437
  4190665.17 | 1.25777   1.10582   0.98860   0.89158   0.80725   0.73844   0.67923
0.62612   0.57985
  4190645.17 | 1.19521   1.05997   0.95383   0.86481   0.78661   0.72210   0.66614
0.61565   0.57139

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                          *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: DREDG
***
                              INCLUDING SOURCE(S):   L0000587   , L0000588   , L0000589   , L0000590   ,
L0000591   ,
                L0000592   , L0000593   , L0000594   , L0000595   , L0000596   , L0000597   , L0000598   ,
L0000599   ,
                L0000600   , L0000601   , L0000602   , L0000603   , L0000604   , L0000605   , L0000606   ,
L0000607   ,
                L0000608   , L0000609   , L0000610   , L0000611   , L0000612   , L0000613   , L0000614   ,
. . .   ,

                               *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                    ** CONC OF PM_10   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 560277.30   560297.30   560317.30   560337.30   560357.30   560377.30   560397.30
560417.30   560437.30
 -
- - - - - - - -

  4191625.17 | 0.08703   0.08643   0.08583   0.08531   0.08504   0.08455   0.08397
0.08341   0.08286
  4191605.17 | 0.08908   0.08845   0.08782   0.08725   0.08684   0.08638   0.08589
0.08530   0.08475
  4191585.17 | 0.09123   0.09057   0.08991   0.08925   0.08861   0.08822   0.08787
0.08727   0.08670
  4191565.17 | 0.09349   0.09279   0.09210   0.09141   0.09074   0.09018   0.08963
0.08901   0.08842
  4191545.17 | 0.09586   0.09513   0.09440   0.09369   0.09299   0.09231   0.09165
0.09101   0.09040
  4191525.17 | 0.09836   0.09759   0.09683   0.09609   0.09536   0.09465   0.09396
0.09329   0.09264
  4191505.17 | 0.10122   0.10023   0.09939   0.09861   0.09785   0.09710   0.09638
0.09568   0.09499
  4191485.17 | 0.10412   0.10301   0.10210   0.10127   0.10047   0.09969   0.09893
0.09818   0.09745
  4191465.17 | 0.10709   0.10591   0.10495   0.10409   0.10324   0.10241   0.10160
0.10080   0.10001
  4191445.17 | 0.11047   0.10903   0.10797   0.10705   0.10615   0.10527   0.10440
0.10354   0.10268

 4191425.17 | 0.11395   0.11246   0.11125   0.11019   0.10923   0.10828   0.10734
0.10640   0.10545
 4191405.17 | 0.11755   0.11616   0.11482   0.11355   0.11251   0.11148   0.11041
0.10938   0.10833
 4191385.17 | 0.12139   0.12012   0.11887   0.11764   0.11650   0.11523   0.11392
0.11277   0.11147
 4191365.17 | 0.12543   0.12416   0.12290   0.12164   0.12039   0.11899   0.11759
0.11630   0.11476
 4191345.17 | 0.12973   0.12835   0.12697   0.12559   0.12420   0.12279   0.12137
0.11992   0.11821
 4191325.17 | 0.13430   0.13279   0.13127   0.12974   0.12819   0.12662   0.12502
0.12340   0.12136
 4191305.17 | 0.13918   0.13750   0.13581   0.13410   0.13237   0.13061   0.12882
0.12700   0.12476
 4191285.17 | 0.14437   0.14250   0.14060   0.13868   0.13673   0.13475   0.13275
0.13073   0.12848
 4191265.17 | 0.14989   0.14778   0.14564   0.14348   0.14129   0.13908   0.13686
0.13462   0.13232
 4191245.17 | 0.15575   0.15336   0.15095   0.14851   0.14606   0.14361   0.14116
0.13871   0.13626
 4191225.17 | 0.16197   0.15927   0.15654   0.15382   0.15110   0.14839   0.14570
0.14303   0.14038
 4191205.17 | 0.16858   0.16552   0.16247   0.15944   0.15644   0.15348   0.15055
0.14766   0.14481
 4191185.17 | 0.17562   0.17219   0.16879   0.16546   0.16218   0.15896   0.15579
0.15267   0.14961
 4191165.17 | 0.18318   0.17936   0.17562   0.17197   0.16840   0.16491   0.16149
0.15814   0.15485
 4191145.17 | 0.19138   0.18716   0.18307   0.17910   0.17523   0.17145   0.16775
0.16413   0.16059
 4191125.17 | 0.20039   0.19578   0.19132   0.18699   0.18278   0.17867   0.17465
0.17072   0.16689
 4191105.17 | 0.21045   0.20539   0.20051   0.19577   0.19115   0.18665   0.18225
0.17796   0.17378
 4191085.17 | 0.22177   0.21619   0.21079   0.20555   0.20044   0.19545   0.19059
0.18587   0.18128
 4191065.17 | 0.23458   0.22833   0.22228   0.21639   0.21067   0.20509   0.19968
0.19443   0.18935
 4191045.17 | 0.24902   0.24191   0.23502   0.22832   0.22183   0.21554   0.20946
0.20360   0.19797
 4191025.17 | 0.26516   0.25692   0.24896   0.24128   0.23386   0.22672   0.21976
0.21264   0.20633
 4191005.17 | 0.28290   0.27271   0.26332   0.25450   0.24605   0.23772   0.22981
0.22196   0.21505
 4190985.17 | 0.30165   0.28916   0.27814   0.26805   0.25849   0.24870   0.23952
0.23162   0.22421
 4190965.17 | 0.31892   0.30549   0.29332   0.28188   0.27115   0.26096   0.25129
0.24258   0.23445
 4190945.17 | 0.33861   0.32367   0.30978   0.29686   0.28488   0.27376   0.26345
0.25434   0.24557
 4190925.17 | 0.36020   0.34308   0.32734   0.31285   0.29953   0.28726   0.27629
0.26676   0.25730
 4190905.17 | 0.38422   0.36470   0.34692   0.33071   0.31590   0.30235   0.28992
0.27880   0.26837
 4190885.17 | 0.40710   0.38530   0.36560   0.34776   0.33156   0.31678   0.30326
0.29083   0.27938
 4190865.17 | 0.42842   0.40455   0.38311   0.36378   0.34626   0.33031   0.31574
0.30236   0.29002
 4190845.17 | 0.44868   0.42290   0.39982   0.37904   0.36025   0.34315   0.32753
0.31319   0.29997

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                          *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: DREDG

***
                                INCLUDING SOURCE(S):   L0000587   , L0000588   , L0000589   , L0000590   ,
L0000591   ,
                L0000592   , L0000593   , L0000594   , L0000595   , L0000596   , L0000597   , L0000598   ,
L0000599   ,
                L0000600   , L0000601   , L0000602   , L0000603   , L0000604   , L0000605   , L0000606   ,
L0000607   ,
                L0000608   , L0000609   , L0000610   , L0000611   , L0000612   , L0000613   , L0000614   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 560277.30   560297.30   560317.30   560337.30   560357.30   560377.30   560397.30
560417.30   560437.30
 -
- - - - - - - -

  4190825.17 | 0.46782   0.44019   0.41606   0.39432   0.37417   0.35585   0.33912
0.32377   0.30964
  4190805.17 | 0.48578   0.45629   0.43140   0.40891   0.38734   0.36776   0.34991
0.33356   0.31854
  4190785.17 | 0.50468   0.47308   0.44521   0.42045   0.39762   0.37694   0.35812
0.34093   0.32516
  4190765.17 | 0.51997   0.48649   0.45671   0.43006   0.40608   0.38441   0.36474
0.34681   0.33041
  4190745.17 | 0.53124   0.49624   0.46515   0.43739   0.41248   0.39000   0.36965
0.35113   0.33423
  4190725.17 | 0.53896   0.50286   0.47084   0.44229   0.41671   0.39367   0.37284
0.35392   0.33668
  4190705.17 | 0.54285   0.50619   0.47370   0.44475   0.41882   0.39549   0.37441
0.35528   0.33785
  4190685.17 | 0.54286   0.50628   0.47383   0.44489   0.41895   0.39560   0.37449
0.35533   0.33787
  4190665.17 | 0.53923   0.50333   0.47141   0.44288   0.41726   0.39415   0.37323
0.35421   0.33687
  4190645.17 | 0.53234   0.49766   0.46671   0.43894   0.41392   0.39130   0.37076
0.35205   0.33496

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                            *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: DREDG
***
                                INCLUDING SOURCE(S):   L0000587   , L0000588   , L0000589   , L0000590   ,
L0000591   ,
                L0000592   , L0000593   , L0000594   , L0000595   , L0000596   , L0000597   , L0000598   ,
L0000599   ,
                L0000600   , L0000601   , L0000602   , L0000603   , L0000604   , L0000605   , L0000606   ,
L0000607   ,
                L0000608   , L0000609   , L0000610   , L0000611   , L0000612   , L0000613   , L0000614   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 560457.30   560477.30   560497.30   560517.30   560537.30   560557.30   560577.30
560597.30   560617.30
 -
- - - - - - - -

4191625.17	0.08235	0.08185	0.08138	0.08094	0.08051	0.08009	0.07968	0.07927	0.07885
4191605.17	0.08421	0.08370	0.08322	0.08273	0.08216	0.08167	0.08123	0.08078	0.08029
4191585.17	0.08614	0.08562	0.08511	0.08457	0.08377	0.08320	0.08272	0.08222	0.08158
4191565.17	0.08785	0.08730	0.08677	0.08620	0.08547	0.08487	0.08434	0.08379	0.08308
4191545.17	0.08980	0.08923	0.08866	0.08808	0.08740	0.08680	0.08621	0.08558	0.08485
4191525.17	0.09202	0.09140	0.09079	0.09018	0.08956	0.08892	0.08825	0.08754	0.08679
4191505.17	0.09432	0.09366	0.09300	0.09233	0.09163	0.09091	0.09016	0.08936	0.08852
4191485.17	0.09673	0.09601	0.09534	0.09465	0.09387	0.09300	0.09209	0.09119	0.09025
4191465.17	0.09923	0.09843	0.09775	0.09710	0.09623	0.09516	0.09404	0.09304	0.09200
4191445.17	0.10182	0.10094	0.10007	0.09919	0.09821	0.09715	0.09602	0.09491	0.09375
4191425.17	0.10450	0.10351	0.10250	0.10144	0.10045	0.09933	0.09814	0.09692	0.09565
4191405.17	0.10726	0.10616	0.10502	0.10387	0.10289	0.10169	0.10037	0.09902	0.09764
4191385.17	0.11010	0.10887	0.10759	0.10627	0.10499	0.10373	0.10243	0.10096	0.09947
4191365.17	0.11320	0.11181	0.11030	0.10876	0.10726	0.10584	0.10439	0.10281	0.10128
4191345.17	0.11648	0.11493	0.11313	0.11130	0.10966	0.10799	0.10631	0.10462	0.10312
4191325.17	0.11926	0.11755	0.11576	0.11391	0.11213	0.11033	0.10853	0.10674	0.10514
4191305.17	0.12245	0.12047	0.11852	0.11661	0.11469	0.11277	0.11086	0.10896	0.10720
4191285.17	0.12607	0.12366	0.12150	0.11944	0.11738	0.11534	0.11331	0.11132	0.10936
4191265.17	0.12986	0.12699	0.12462	0.12241	0.12023	0.11807	0.11594	0.11386	0.11182
4191245.17	0.13371	0.13069	0.12804	0.12559	0.12327	0.12100	0.11878	0.11661	0.11449
4191225.17	0.13770	0.13471	0.13183	0.12900	0.12657	0.12418	0.12186	0.11959	0.11740
4191205.17	0.14200	0.13911	0.13587	0.13271	0.13014	0.12764	0.12521	0.12285	0.12056
4191185.17	0.14660	0.14364	0.14021	0.13675	0.13404	0.13141	0.12886	0.12639	0.12402
4191165.17	0.15162	0.14847	0.14482	0.14122	0.13829	0.13552	0.13284	0.13026	0.12778
4191145.17	0.15713	0.15375	0.15026	0.14676	0.14312	0.13999	0.13717	0.13446	0.13186
4191125.17	0.16315	0.15951	0.15598	0.15243	0.14842	0.14484	0.14160	0.13876	0.13587
4191105.17	0.16972	0.16578	0.16197	0.15822	0.15422	0.15013	0.14630	0.14331	0.13650
4191085.17	0.17683	0.17254	0.16840	0.16444	0.16052	0.15643	0.15256	0.14934	0.14616
4191065.17	0.18446	0.17951	0.17495	0.17069	0.16663	0.16257	0.15871	0.15506	0.15173
4191045.17	0.19240	0.18672	0.18170	0.17712	0.17278	0.16867	0.16462	0.16051	0.15696
4191025.17	0.20046	0.19469	0.18907	0.18376	0.17911	0.17471	0.17055	0.16683	0.16335
4191005.17	0.20865	0.20263	0.19665	0.19104	0.18630	0.18164	0.17723	0.17350	0.16979
4190985.17	0.21725	0.21073	0.20461	0.19895	0.19418	0.18921	0.18442	0.18035	0.17609
4190965.17	0.22686	0.21976	0.21312	0.20700	0.20182	0.19644	0.19126	0.18684	0.18223
4190945.17	0.23728	0.22954	0.22232	0.21566	0.20969	0.20377	0.19817		

Y-COORD (METERS)								560597.30	560617.30
								0.19336	0.18837
4190925.17	0.24824	0.23981	0.23194	0.22457	0.21765	0.21113	0.20507	0.19984	0.19444
4190905.17	0.25855	0.24942	0.24090	0.23293	0.22545	0.21840	0.21185	0.20618	0.20036
4190885.17	0.26876	0.25890	0.24970	0.24110	0.23302	0.22544	0.21838	0.21227	0.20601
4190865.17	0.27859	0.26798	0.25809	0.24885	0.24019	0.23206	0.22461	0.21796	0.21129
4190845.17	0.28789	0.27724	0.26675	0.25683	0.24756	0.23887	0.23070	0.22322	0.21606

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: DREDG ***

INCLUDING SOURCE(S): L0000587 , L0000588 , L0000589 , L0000590 , L0000591 ,
L0000592 , L0000593 , L0000594 , L0000595 , L0000596 , L0000597 , L0000598 , L0000599 ,
L0000600 , L0000601 , L0000602 , L0000603 , L0000604 , L0000605 , L0000606 , L0000607 ,
L0000608 , L0000609 , L0000610 , L0000611 , L0000612 , L0000613 , L0000614 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 560457.30	560477.30	560497.30	560517.30	560537.30	560557.30	560577.30	560597.30	560617.30
4190825.17	0.29675	0.28522	0.27407	0.26355	0.25373	0.24454	0.23593	0.22785	0.22025
4190805.17	0.30469	0.29188	0.28001	0.26897	0.25868	0.24908	0.24010	0.23168	0.22378
4190785.17	0.31066	0.29728	0.28489	0.27341	0.26273	0.25277	0.24348	0.23479	0.22664
4190765.17	0.31535	0.30149	0.28869	0.27684	0.26584	0.25561	0.24607	0.23716	0.22882
4190745.17	0.31875	0.30452	0.29141	0.27929	0.26805	0.25761	0.24790	0.23883	0.23035
4190725.17	0.32091	0.30643	0.29311	0.28080	0.26941	0.25884	0.24901	0.23984	0.23127
4190705.17	0.32192	0.30731	0.29387	0.28148	0.27000	0.25936	0.24947	0.24025	0.23165
4190685.17	0.32192	0.30728	0.29382	0.28140	0.26992	0.25927	0.24937	0.24014	0.23153
4190665.17	0.32101	0.30645	0.29305	0.28068	0.26924	0.25863	0.24877	0.23958	0.23100
4190645.17	0.31929	0.30490	0.29164	0.27939	0.26805	0.25753	0.24774	0.23861	0.23010

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: DREDG

***
INCLUDING SOURCE(S): L0000587 , L0000588 , L0000589 , L0000590 , L0000591 ,
L0000592 , L0000593 , L0000594 , L0000595 , L0000596 , L0000597 , L0000598 , L0000599 ,
L0000600 , L0000601 , L0000602 , L0000603 , L0000604 , L0000605 , L0000606 , L0000607 ,
L0000608 , L0000609 , L0000610 , L0000611 , L0000612 , L0000613 , L0000614 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	560637.30	560657.30	560677.30	560697.30	560717.30	560737.30	560757.30	560777.30	560797.30
4191625.17	0.07841	0.07795	0.07746	0.07689	0.07616	0.07550	0.07487	0.07420	0.07344
4191605.17	0.07976	0.07924	0.07869	0.07805	0.07719	0.07644	0.07576	0.07507	0.07433
4191585.17	0.08091	0.08033	0.07971	0.07901	0.07628	0.07539	0.07472	0.07600	0.07521
4191565.17	0.08031	0.07969	0.07903	0.07832	0.07954	0.07685	0.07571	0.07500	0.07417
4191545.17	0.08407	0.08333	0.08257	0.08183	0.08100	0.08006	0.07904	0.07599	0.07488
4191525.17	0.08600	0.08517	0.08442	0.08361	0.08249	0.08147	0.08043	0.07910	0.07580
4191505.17	0.08764	0.08671	0.08588	0.08500	0.08392	0.08277	0.08157	0.08039	0.07913
4191485.17	0.08927	0.08825	0.08728	0.08629	0.08523	0.08405	0.08280	0.08159	0.08027
4191465.17	0.09092	0.08980	0.08865	0.08753	0.08649	0.08533	0.08409	0.08269	0.08143
4191445.17	0.09257	0.09135	0.09020	0.08905	0.08769	0.08646	0.08527	0.08394	0.08257
4191425.17	0.09436	0.09304	0.09179	0.09050	0.08895	0.08763	0.08639	0.08511	0.08369
4191405.17	0.09624	0.09482	0.09339	0.09193	0.09031	0.08884	0.08747	0.08628	0.08486
4191385.17	0.09797	0.09646	0.09495	0.09341	0.09171	0.09019	0.08875	0.08740	0.08585
4191365.17	0.09975	0.09815	0.09650	0.09483	0.09317	0.09163	0.09015	0.08872	0.08711
4191345.17	0.10160	0.09992	0.09809	0.09631	0.09472	0.09317	0.09167	0.09021	0.08867
4191325.17	0.10354	0.10179	0.09990	0.09805	0.09643	0.09484	0.09329	0.09167	0.09020
4191305.17	0.10546	0.10365	0.10177	0.09994	0.09828	0.09667	0.09509	0.09338	0.09190
4191285.17	0.10744	0.10557	0.10376	0.10200	0.10030	0.09866	0.09702	0.09532	0.09383
4191265.17	0.10984	0.10791	0.10604	0.10424	0.10250	0.10073	0.09900	0.09742	0.09594
4191245.17	0.11244	0.11045	0.10853	0.10668	0.10491	0.10304	0.10125	0.09971	0.09824
4191225.17	0.11527	0.11322	0.11125	0.10936	0.10755	0.10567	0.10381	0.10224	0.10076
4191205.17	0.11836	0.11625	0.11422	0.11228	0.11043	0.10862	0.10682	0.10504	0.10348
4191185.17	0.12174	0.11955	0.11746	0.11546	0.11356	0.11166	0.10981	0.10802	0.10649
4191165.17	0.12541	0.12314	0.12097	0.11891	0.11694	0.11486	0.11287	0.11117	0.10975
4191145.17	0.12939	0.12702	0.12477	0.12258	0.12031	0.11828	0.11638		

0.11482 0.11320
 4191125.17 | 0.13306 0.13078 0.12854 0.12636 0.12403 0.12205 0.12023
0.11854 0.11678
 4191105.17 | 0.13261 0.13094 0.13237 0.13030 0.12806 0.12615 0.12432
0.12233 0.12042
 4191085.17 | 0.14301 0.14009 0.13752 0.13507 0.13268 0.13043 0.12832
0.12620 0.12416
 4191065.17 | 0.14856 0.14537 0.14251 0.13983 0.13742 0.13510 0.13282
0.13053 0.12832
 4191045.17 | 0.15365 0.15050 0.14749 0.14468 0.14224 0.13993 0.13760
0.13511 0.13271
 4191025.17 | 0.16002 0.15660 0.15333 0.15026 0.14737 0.14453 0.14184
0.13916 0.13656
 4191005.17 | 0.16611 0.16240 0.15886 0.15547 0.15221 0.14908 0.14607
0.14317 0.14036
 4190985.17 | 0.17189 0.16788 0.16405 0.16039 0.15687 0.15349 0.15024
0.14711 0.14409
 4190965.17 | 0.17769 0.17336 0.16922 0.16526 0.16147 0.15783 0.15432
0.15096 0.14771
 4190945.17 | 0.18346 0.17879 0.17432 0.17005 0.16597 0.16205 0.15829
0.15468 0.15122
 4190925.17 | 0.18915 0.18410 0.17930 0.17471 0.17033 0.16613 0.16212
0.15826 0.15457
 4190905.17 | 0.19466 0.18925 0.18410 0.17919 0.17450 0.17003 0.16576
0.16167 0.15775
 4190885.17 | 0.19992 0.19413 0.18864 0.18341 0.17844 0.17370 0.16918
0.16486 0.16073
 4190865.17 | 0.20480 0.19867 0.19285 0.18732 0.18207 0.17708 0.17233
0.16780 0.16347
 4190845.17 | 0.20922 0.20276 0.19664 0.19084 0.18535 0.18013 0.17516
0.17044 0.16594

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: DREDG ***

INCLUDING SOURCE(S): L0000587 , L0000588 , L0000589 , L0000590 , L0000591 ,
L0000592 , L0000593 , L0000594 , L0000595 , L0000596 , L0000597 , L0000598 , L0000599 ,
L0000600 , L0000601 , L0000602 , L0000603 , L0000604 , L0000605 , L0000606 , L0000607 ,
L0000608 , L0000609 , L0000610 , L0000611 , L0000612 , L0000613 , L0000614 ,
. . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

 Y-COORD | X-COORD (METERS)
 (METERS) | 560637.30 560657.30 560677.30 560697.30 560717.30 560737.30 560757.30
560777.30 560797.30
 -
- - - - - - - -

 4190825.17 | 0.21309 0.20633 0.19996 0.19392 0.18821 0.18279 0.17765
0.17276 0.16811
 4190805.17 | 0.21635 0.20935 0.20275 0.19652 0.19062 0.18504 0.17975
0.17472 0.16995
 4190785.17 | 0.21898 0.21179 0.20501 0.19862 0.19258 0.18686 0.18145
0.17632 0.17145
 4190765.17 | 0.22099 0.21365 0.20673 0.20022 0.19407 0.18826 0.18276
0.17755 0.17261
 4190745.17 | 0.22240 0.21495 0.20794 0.20134 0.19512 0.18924 0.18368

0.17842 0.17343
4190725.17 | 0.22325 0.21573 0.20867 0.20202 0.19575 0.18983 0.18424
0.17895 0.17393
4190705.17 | 0.22359 0.21604 0.20895 0.20228 0.19600 0.19006 0.18446
0.17915 0.17413
4190685.17 | 0.22348 0.21593 0.20884 0.20218 0.19590 0.18997 0.18437
0.17908 0.17406
4190665.17 | 0.22297 0.21545 0.20839 0.20175 0.19549 0.18959 0.18401
0.17874 0.17374
4190645.17 | 0.22212 0.21465 0.20764 0.20104 0.19482 0.18896 0.18341
0.17817 0.17320

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: DREDG ***

INCLUDING SOURCE(S): L0000587 , L0000588 , L0000589 , L0000590 , L0000591 ,
L0000592 , L0000593 , L0000594 , L0000595 , L0000596 , L0000597 , L0000598 , L0000599 ,
L0000600 , L0000601 , L0000602 , L0000603 , L0000604 , L0000605 , L0000606 , L0000607 ,
L0000608 , L0000609 , L0000610 , L0000611 , L0000612 , L0000613 , L0000614 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)									
	560817.30	560837.30	560857.30	560877.30	560897.30	560917.30	560937.30	560957.30	560977.30	
4191625.17	0.07265	0.07189	0.07111	0.07031	0.06949	0.06865	0.06781	0.06696	0.06610	
4191605.17	0.07353	0.07271	0.07191	0.07110	0.07022	0.06934	0.06845	0.06756	0.06667	
4191585.17	0.07436	0.07348	0.07267	0.07187	0.07095	0.07003	0.06909	0.06816	0.06724	
4191565.17	0.07333	0.07434	0.07343	0.07251	0.07154	0.07058	0.06963	0.06876	0.06783	
4191545.17	0.07399	0.07518	0.07422	0.07322	0.07221	0.07120	0.07023	0.06932	0.06837	
4191525.17	0.07484	0.07605	0.07504	0.07399	0.07294	0.07191	0.07089	0.06989	0.06891	
4191505.17	0.07569	0.07693	0.07594	0.07491	0.07372	0.07264	0.07160	0.07059	0.06962	
4191485.17	0.07897	0.07791	0.07684	0.07573	0.07458	0.07346	0.07237	0.07142	0.07046	
4191465.17	0.08022	0.07902	0.07775	0.07651	0.07552	0.07439	0.07325	0.07236	0.07142	
4191445.17	0.08122	0.07999	0.07877	0.07755	0.07646	0.07537	0.07427	0.07320	0.07222	
4191425.17	0.08228	0.08096	0.07976	0.07863	0.07743	0.07631	0.07524	0.07416	0.07318	
4191405.17	0.08337	0.08195	0.08078	0.07969	0.07842	0.07729	0.07625	0.07525	0.07431	
4191385.17	0.08426	0.08047	0.08184	0.08078	0.07961	0.07850	0.07747	0.07648	0.07554	
4191365.17	0.08300	0.08159	0.08309	0.08204	0.08091	0.07983	0.07880	0.07782	0.07688	
4191345.17	0.08716	0.08310	0.08454	0.08349	0.08236	0.08129	0.08026			

0.07928 0.07834
4191325.17 | 0.08876 0.08467 0.08612 0.08508 0.08395 0.08288 0.08185
0.08087 0.07993
4191305.17 | 0.09051 0.08640 0.08786 0.08682 0.08569 0.08461 0.08358
0.08260 0.08166
4191285.17 | 0.09243 0.08830 0.08731 0.08872 0.08758 0.08650 0.08547
0.08448 0.08354
4191265.17 | 0.09453 0.09038 0.08908 0.08825 0.08961 0.08855 0.08751
0.08651 0.08556
4191245.17 | 0.09681 0.09266 0.09146 0.09288 0.09184 0.09076 0.08971
0.08869 0.08772
4191225.17 | 0.09930 0.09522 0.09653 0.09545 0.09427 0.09314 0.09206
0.09102 0.09002
4191205.17 | 0.10206 0.10074 0.09938 0.09805 0.09684 0.09567 0.09458
0.09364 0.09254
4191185.17 | 0.10510 0.10380 0.10236 0.10094 0.09968 0.09840 0.09720
0.09618 0.09507
4191165.17 | 0.10837 0.10687 0.10544 0.10405 0.10272 0.10131 0.09988
0.09867 0.09764
4191145.17 | 0.11164 0.11007 0.10855 0.10709 0.10568 0.10427 0.10288
0.10158 0.10056
4191125.17 | 0.11505 0.11338 0.11177 0.11022 0.10871 0.10730 0.10594
0.10463 0.10344
4191105.17 | 0.11858 0.11680 0.11507 0.11340 0.11182 0.11037 0.10905
0.10773 0.10630
4191085.17 | 0.12223 0.12051 0.11869 0.11692 0.11534 0.11372 0.11208
0.11050 0.10893
4191065.17 | 0.12618 0.12427 0.12234 0.12041 0.11865 0.11682 0.11501
0.11314 0.11138
4191045.17 | 0.13038 0.12812 0.12594 0.12381 0.12175 0.11974 0.11771
0.11561 0.11369
4191025.17 | 0.13404 0.13161 0.12925 0.12696 0.12474 0.12247 0.12020
0.11792 0.11599
4191005.17 | 0.13765 0.13503 0.13249 0.13003 0.12765 0.12515 0.12269
0.12027 0.11821
4190985.17 | 0.14117 0.13836 0.13564 0.13301 0.13046 0.12783 0.12518
0.12262 0.12033
4190965.17 | 0.14459 0.14158 0.13867 0.13586 0.13315 0.13049 0.12780
0.12490 0.12244
4190945.17 | 0.14788 0.14467 0.14157 0.13859 0.13572 0.13294 0.13014
0.12706 0.12443
4190925.17 | 0.15102 0.14761 0.14434 0.14118 0.13815 0.13522 0.13228
0.12906 0.12631
4190905.17 | 0.15400 0.15040 0.14694 0.14363 0.14044 0.13737 0.13430
0.13095 0.12809
4190885.17 | 0.15678 0.15300 0.14938 0.14591 0.14258 0.13938 0.13623
0.13284 0.12982
4190865.17 | 0.15934 0.15540 0.15162 0.14801 0.14455 0.14124 0.13801
0.13467 0.13152
4190845.17 | 0.16165 0.15756 0.15365 0.14992 0.14634 0.14292 0.13964
0.13642 0.13305

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: DREDG
***

INCLUDING SOURCE(S): L0000587 , L0000588 , L0000589 , L0000590 ,
L0000591 ,
L0000592 , L0000593 , L0000594 , L0000595 , L0000596 , L0000597 , L0000598 ,
L0000599 ,
L0000600 , L0000601 , L0000602 , L0000603 , L0000604 , L0000605 , L0000606 ,
L0000607 ,
L0000608 , L0000609 , L0000610 , L0000611 , L0000612 , L0000613 , L0000614 ,
. . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	560817.30	560837.30	560857.30	560877.30	560897.30	560917.30	560937.30	560957.30	560977.30
4190825.17	0.16368	0.15947	0.15544	0.15160	0.14793	0.14441	0.14105	0.13783	0.13439
4190805.17	0.16541	0.16109	0.15697	0.15304	0.14929	0.14570	0.14228	0.13899	0.13549
4190785.17	0.16682	0.16242	0.15823	0.15423	0.15042	0.14677	0.14329	0.13996	0.13641
4190765.17	0.16792	0.16345	0.15920	0.15516	0.15130	0.14761	0.14409	0.14073	0.13718
4190745.17	0.16869	0.16419	0.15991	0.15583	0.15194	0.14822	0.14468	0.14129	0.13788
4190725.17	0.16917	0.16464	0.16034	0.15624	0.15234	0.14861	0.14505	0.14165	0.13836
4190705.17	0.16936	0.16483	0.16052	0.15642	0.15251	0.14879	0.14523	0.14182	0.13857
4190685.17	0.16930	0.16477	0.16047	0.15638	0.15248	0.14876	0.14521	0.14181	0.13856
4190665.17	0.16900	0.16449	0.16021	0.15613	0.15225	0.14854	0.14501	0.14162	0.13839
4190645.17	0.16849	0.16401	0.15976	0.15570	0.15184	0.14816	0.14464	0.14128	0.13807

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: DREDG ***

INCLUDING SOURCE(S): L0000587 , L0000588 , L0000589 , L0000590 , L0000591 ,
L0000592 , L0000593 , L0000594 , L0000595 , L0000596 , L0000597 , L0000598 , L0000599 ,
L0000600 , L0000601 , L0000602 , L0000603 , L0000604 , L0000605 , L0000606 , L0000607 ,
L0000608 , L0000609 , L0000610 , L0000611 , L0000612 , L0000613 , L0000614 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	560997.30	561017.30	561037.30	561057.30	561077.30	561097.30	561117.30	561137.30	561157.30
4191625.17	0.06524	0.06436	0.06346	0.06259	0.06174	0.06092	0.06014	0.05937	0.05864
4191605.17	0.06578	0.06485	0.06395	0.06307	0.06221	0.06138	0.06060	0.05984	0.05911
4191585.17	0.06631	0.06530	0.06446	0.06366	0.06272	0.06189	0.06111	0.06036	0.05964
4191565.17	0.06688	0.06585	0.06501	0.06423	0.06336	0.06250	0.06167	0.06093	0.06023
4191545.17	0.06743	0.06647	0.06563	0.06482	0.06400	0.06313	0.06229		

0.06157 0.06088
4191525.17 | 0.06798 0.06719 0.06633 0.06548 0.06467 0.06381 0.06298
0.06227 0.06159
4191505.17 | 0.06867 0.06779 0.06699 0.06619 0.06531 0.06451 0.06375
0.06304 0.06237
4191485.17 | 0.06950 0.06856 0.06773 0.06695 0.06612 0.06534 0.06458
0.06389 0.06323
4191465.17 | 0.07044 0.06944 0.06855 0.06775 0.06709 0.06629 0.06549
0.06481 0.06416
4191445.17 | 0.07129 0.07037 0.06951 0.06870 0.06796 0.06722 0.06648
0.06581 0.06516
4191425.17 | 0.07227 0.07139 0.07056 0.06976 0.06899 0.06826 0.06756
0.06684 0.06619
4191405.17 | 0.07340 0.07253 0.07170 0.07091 0.07015 0.06942 0.06871
0.06599 0.06524
4191385.17 | 0.07463 0.07377 0.07295 0.07216 0.07140 0.07068 0.06999
0.06930 0.06865
4191365.17 | 0.07598 0.07512 0.07430 0.07352 0.07277 0.07201 0.07129
0.07064 0.07001
4191345.17 | 0.07744 0.07659 0.07577 0.07499 0.07424 0.07343 0.07059
0.06999 0.06942
4191325.17 | 0.07904 0.07818 0.07737 0.07657 0.07379 0.07299 0.07221
0.07162 0.07105
4191305.17 | 0.08077 0.07991 0.07905 0.07820 0.07532 0.07445 0.07372
0.07313 0.07279
4191285.17 | 0.08263 0.08177 0.08083 0.07782 0.07713 0.07617 0.07527
0.07468 0.07451
4191265.17 | 0.08464 0.08377 0.08281 0.07984 0.07913 0.07816 0.07719
0.07631 0.07561
4191245.17 | 0.08679 0.08589 0.08490 0.08197 0.08124 0.08023 0.07923
0.07837 0.07742
4191225.17 | 0.08905 0.08812 0.08711 0.08419 0.08341 0.08236 0.08137
0.08065 0.07975
4191205.17 | 0.09142 0.09043 0.08945 0.08844 0.08570 0.08453 0.08347
0.08269 0.08201
4191185.17 | 0.09397 0.09292 0.09185 0.09077 0.08801 0.08680 0.08577
0.08491 0.08420
4191165.17 | 0.09666 0.09551 0.09430 0.09304 0.09024 0.08913 0.08817
0.08722 0.08629
4191145.17 | 0.09951 0.09804 0.09675 0.09550 0.09418 0.09151 0.09022
0.08919 0.08818
4191125.17 | 0.10224 0.10061 0.09913 0.09774 0.09640 0.09509 0.09247
0.09135 0.09026
4191105.17 | 0.10481 0.10319 0.10149 0.09983 0.09851 0.09722 0.09595
0.09471 0.09349
4191085.17 | 0.10733 0.10559 0.10378 0.10201 0.10060 0.09921 0.09786
0.09654 0.09524
4191065.17 | 0.10967 0.10790 0.10610 0.10431 0.10259 0.10109 0.09970
0.09829 0.09691
4191045.17 | 0.11190 0.11011 0.10844 0.10665 0.10448 0.10285 0.10146
0.09997 0.09850
4191025.17 | 0.11414 0.11198 0.11027 0.10871 0.10681 0.10485 0.10155
0.10153 0.10001
4191005.17 | 0.11624 0.11397 0.11218 0.11050 0.10867 0.10661 0.10458
0.10303 0.10143
4190985.17 | 0.11817 0.11608 0.11405 0.11208 0.11017 0.10816 0.10621
0.10446 0.10276
4190965.17 | 0.12016 0.11796 0.11572 0.11353 0.11152 0.10964 0.10781
0.10598 0.10412
4190945.17 | 0.12204 0.11962 0.11725 0.11500 0.11301 0.11110 0.10922
0.10732 0.10538
4190925.17 | 0.12378 0.12111 0.11872 0.11654 0.11456 0.11251 0.11047
0.10850 0.10658
4190905.17 | 0.12544 0.12268 0.12030 0.11814 0.11610 0.11389 0.11165
0.10961 0.10764
4190885.17 | 0.12700 0.12426 0.12186 0.11968 0.11748 0.11510 0.11277
0.11067 0.10865
4190865.17 | 0.12849 0.12581 0.12341 0.12108 0.11868 0.11623 0.11382
0.11170 0.10963

                            *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: DREDG
***
                                INCLUDING SOURCE(S):   L0000587   , L0000588   , L0000589   , L0000590   ,
L0000591   ,
                L0000592   , L0000593   , L0000594   , L0000595   , L0000596   , L0000597   , L0000598   ,
L0000599   ,
                L0000600   , L0000601   , L0000602   , L0000603   , L0000604   , L0000605   , L0000606   ,
L0000607   ,
                L0000608   , L0000609   , L0000610   , L0000611   , L0000612   , L0000613   , L0000614   ,
. . .   ,

                                 *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                      ** CONC OF PM_10   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 560997.30   561017.30   561037.30   561057.30   561077.30   561097.30   561117.30
561137.30   561157.30
 -
- - - - - - - -

  4190825.17 | 0.13105   0.12850   0.12593   0.12339   0.12087   0.11845   0.11615
0.11403   0.11189
  4190805.17 | 0.13210   0.12949   0.12699   0.12450   0.12194   0.11948   0.11710
0.11482   0.11262
  4190785.17 | 0.13297   0.13033   0.12779   0.12528   0.12268   0.12019   0.11779
0.11548   0.11325
  4190765.17 | 0.13383   0.13105   0.12844   0.12590   0.12328   0.12077   0.11835
0.11602   0.11378
  4190745.17 | 0.13455   0.13159   0.12889   0.12637   0.12374   0.12121   0.11878
0.11644   0.11419
  4190725.17 | 0.13509   0.13178   0.12900   0.12648   0.12402   0.12152   0.11908
0.11673   0.11448
  4190705.17 | 0.13534   0.13187   0.12907   0.12654   0.12415   0.12168   0.11925
0.11690   0.11464
  4190685.17 | 0.13534   0.13188   0.12908   0.12656   0.12414   0.12171   0.11928
0.11694   0.11468
  4190665.17 | 0.13518   0.13174   0.12895   0.12637   0.12370   0.12135   0.11919
0.11685   0.11461
  4190645.17 | 0.13491   0.13157   0.12876   0.12609   0.12320   0.12097   0.11897
0.11665   0.11442

                            *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: DREDG
***
                                INCLUDING SOURCE(S):   L0000587   , L0000588   , L0000589   , L0000590   ,
L0000591   ,
                L0000592   , L0000593   , L0000594   , L0000595   , L0000596   , L0000597   , L0000598   ,
L0000599   ,
                L0000600   , L0000601   , L0000602   , L0000603   , L0000604   , L0000605   , L0000606   ,
L0000607   ,
                L0000608   , L0000609   , L0000610   , L0000611   , L0000612   , L0000613   , L0000614   ,
. . .   ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)								
	561177.30	561197.30	561217.30	561237.30	561257.30	561277.30	561297.30	561317.30	561337.30
4191625.17	0.05793	0.05725	0.05659	0.05596	0.05536	0.05479	0.05423	0.05371	0.05315
4191605.17	0.05841	0.05774	0.05710	0.05648	0.05590	0.05533	0.05479	0.05428	0.05372
4191585.17	0.05895	0.05830	0.05767	0.05706	0.05649	0.05593	0.05540	0.05490	0.05435
4191565.17	0.05955	0.05891	0.05829	0.05770	0.05713	0.05659	0.05607	0.05557	0.05503
4191545.17	0.06021	0.05958	0.05897	0.05839	0.05783	0.05730	0.05679	0.05630	0.05577
4191525.17	0.06094	0.06032	0.05972	0.05915	0.05860	0.05807	0.05757	0.05708	0.05656
4191505.17	0.06173	0.06112	0.06053	0.05996	0.05942	0.05890	0.05841	0.05793	0.05741
4191485.17	0.06259	0.06199	0.06143	0.06089	0.06033	0.05980	0.05931	0.05880	0.05833
4191465.17	0.06353	0.06293	0.06241	0.06191	0.06130	0.06076	0.06026	0.05804	0.05931
4191445.17	0.06454	0.06395	0.06335	0.06276	0.06049	0.05985	0.05925	0.06081	0.06042
4191425.17	0.06557	0.06313	0.06248	0.06191	0.06128	0.06065	0.06018	0.06031	0.06153
4191405.17	0.06460	0.06376	0.06335	0.06301	0.06232	0.06179	0.06142	0.06129	0.06101
4191385.17	0.06805	0.06744	0.06485	0.06414	0.06411	0.06378	0.06490	0.06447	0.06403
4191365.17	0.06942	0.06884	0.06647	0.06580	0.06727	0.06682	0.06634	0.06587	0.06541
4191345.17	0.06888	0.06836	0.06975	0.06929	0.06877	0.06826	0.06776	0.06728	0.06680
4191325.17	0.07051	0.06998	0.07130	0.07083	0.07029	0.06976	0.06924	0.06873	0.06823
4191305.17	0.07249	0.07194	0.07292	0.07238	0.07185	0.07131	0.07076	0.07022	0.06968
4191285.17	0.07591	0.07529	0.07460	0.07250	0.07342	0.07289	0.07230	0.07172	0.07115
4191265.17	0.07508	0.07469	0.07457	0.07568	0.07345	0.07307	0.07384	0.07199	0.07255
4191245.17	0.07660	0.07618	0.07615	0.07607	0.07481	0.07427	0.07389	0.07323	0.07286
4191225.17	0.07881	0.07813	0.07786	0.07747	0.07624	0.07541	0.07479	0.07440	0.07415
4191205.17	0.08133	0.08057	0.07981	0.07897	0.07806	0.07704	0.07603	0.07561	0.07544
4191185.17	0.08351	0.08267	0.08169	0.08070	0.07968	0.07856	0.07757	0.07697	0.07679
4191165.17	0.08536	0.08445	0.08355	0.08252	0.08109	0.08007	0.07928	0.07846	0.07814
4191145.17	0.08724	0.08769	0.08544	0.08413	0.08263	0.08184	0.08118	0.08013	0.07960
4191125.17	0.09046	0.08945	0.08828	0.08577	0.08450	0.08368	0.08299	0.08183	0.08107
4191105.17	0.09230	0.09113	0.08988	0.08744	0.08770	0.08665	0.08558	0.08453	0.08350
4191085.17	0.09396	0.09272	0.09147	0.09023	0.08910	0.08797	0.08686	0.08585	0.08473
4191065.17	0.09556	0.09424	0.09294	0.09167	0.09043	0.08922	0.08805	0.08703	0.08586

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: DREDG ***

INCLUDING SOURCE(S): L0000587 , L0000588 , L0000589 , L0000590 , L0000591 ,
L0000592 , L0000593 , L0000594 , L0000595 , L0000596 , L0000597 , L0000598 , L0000599 ,
L0000600 , L0000601 , L0000602 , L0000603 , L0000604 , L0000605 , L0000606 , L0000607 ,
L0000608 , L0000609 , L0000610 , L0000611 , L0000612 , L0000613 , L0000614 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)								
	561177.30	561197.30	561217.30	561237.30	561257.30	561277.30	561297.30	561317.30	561337.30
4191045.17	0.09707	0.09568	0.09431	0.09297	0.09167	0.09039	0.08919	0.08809	0.08693
4191025.17	0.09850	0.09703	0.09560	0.09420	0.09283	0.09156	0.09034	0.08910	0.08787
4191005.17	0.09985	0.09830	0.09685	0.09543	0.09400	0.09268	0.09138	0.09005	0.08875
4190985.17	0.10111	0.09950	0.09805	0.09665	0.09516	0.09371	0.09229	0.09092	0.08958
4190965.17	0.10232	0.10077	0.09919	0.09765	0.09611	0.09461	0.09315	0.09173	0.09036
4190945.17	0.10354	0.10191	0.10029	0.09868	0.09704	0.09547	0.09397	0.09251	0.09109
4190925.17	0.10473	0.10294	0.10130	0.09971	0.09792	0.09629	0.09475	0.09325	0.09180
4190905.17	0.10574	0.10389	0.10205	0.10027	0.09867	0.09707	0.09550	0.09397	0.09249
4190885.17	0.10669	0.10480	0.10294	0.10115	0.09946	0.09782	0.09622	0.09466	0.09314
4190865.17	0.10762	0.10569	0.10392	0.10219	0.10029	0.09855	0.09688	0.09532	0.09378
4190845.17	0.10884	0.10686	0.10481	0.10281	0.10097	0.09906	0.09731	0.09602	0.09448
4190825.17	0.10979	0.10777	0.10566	0.10360	0.10166	0.09972	0.09792	0.09645	0.09493
4190805.17	0.11050	0.10845	0.10647	0.10449	0.10231	0.10045	0.09869	0.09674	0.09524
4190785.17	0.11111	0.10904	0.10704	0.10504	0.10285	0.10096	0.09924	0.09759	0.09575
4190765.17	0.11162	0.10953	0.10752	0.10553	0.10337	0.10145	0.09969	0.09817	0.09629
4190745.17	0.11202	0.10992	0.10790	0.10593	0.10386	0.10190	0.10003	0.09848	0.09678
4190725.17	0.11230	0.11020	0.10818	0.10622	0.10428	0.10224	0.10024	0.09837	0.09664
4190705.17	0.11246	0.11037	0.10834	0.10639	0.10450	0.10253	0.10055	0.09856	0.09499
4190685.17	0.11251	0.11042	0.10840	0.10645	0.10456	0.10274	0.10091	0.09891	0.09698
4190665.17	0.11244	0.11036	0.10834	0.10640	0.10452	0.10271	0.10091	0.09903	0.09719

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                           *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: DREDG
***
                               INCLUDING SOURCE(S):   L0000587   , L0000588   , L0000589   , L0000590   ,
L0000591   ,
                L0000592   , L0000593   , L0000594   , L0000595   , L0000596   , L0000597   , L0000598   ,
L0000599   ,
                L0000600   , L0000601   , L0000602   , L0000603   , L0000604   , L0000605   , L0000606   ,
L0000607   ,
                L0000608   , L0000609   , L0000610   , L0000611   , L0000612   , L0000613   , L0000614   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 561357.30   561377.30   561397.30
 -
- - - - - - - -

  4191625.17 | 0.05093   0.05049   0.05007
  4191605.17 | 0.05151   0.05108   0.05067
  4191585.17 | 0.05214   0.05172   0.05131
  4191565.17 | 0.05282   0.05241   0.05201
  4191545.17 | 0.05356   0.05315   0.05275
  4191525.17 | 0.05435   0.05394   0.05356
  4191505.17 | 0.05520   0.05480   0.05443
  4191485.17 | 0.05628   0.05579   0.05537
  4191465.17 | 0.05894   0.05686   0.05640
  4191445.17 | 0.06001   0.05796   0.05750
  4191425.17 | 0.06109   0.05908   0.05868
  4191405.17 | 0.06064   0.06028   0.05993
  4191385.17 | 0.06360   0.06318   0.06143
  4191365.17 | 0.06497   0.06453   0.06403
  4191345.17 | 0.06633   0.06587   0.06535
  4191325.17 | 0.06773   0.06724   0.06669
  4191305.17 | 0.06915   0.06863   0.06807
  4191285.17 | 0.07058   0.07002   0.06946
  4191265.17 | 0.07201   0.07141   0.07081
  4191245.17 | 0.07343   0.07278   0.07210
  4191225.17 | 0.07483   0.07413   0.07336
  4191205.17 | 0.07620   0.07546   0.07464
  4191185.17 | 0.07755   0.07681   0.07596
  4191165.17 | 0.07887   0.07816   0.07729
  4191145.17 | 0.08016   0.07948   0.07856
  4191125.17 | 0.08139   0.08068   0.07973
  4191105.17 | 0.08255   0.08179   0.08081
  4191085.17 | 0.08364   0.08283   0.08186
  4191065.17 | 0.08472   0.08383   0.08281
  4191045.17 | 0.08578   0.08477   0.08368
  4191025.17 | 0.08668   0.08562   0.08449
  4191005.17 | 0.08751   0.08641   0.08525
  4190985.17 | 0.08829   0.08716   0.08596
  4190965.17 | 0.08903   0.08787   0.08663
  4190945.17 | 0.08974   0.08854   0.08727
  4190925.17 | 0.09041   0.08919   0.08789
  4190905.17 | 0.09105   0.08969   0.08841
  4190885.17 | 0.09168   0.09026   0.08898
  4190865.17 | 0.09229   0.09084   0.08954

                          *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: DREDG
***
                              INCLUDING SOURCE(S):   L0000587   , L0000588   , L0000589   , L0000590   ,
L0000591   ,
               L0000592   , L0000593   , L0000594   , L0000595   , L0000596   , L0000597   , L0000598   ,
L0000599   ,
               L0000600   , L0000601   , L0000602   , L0000603   , L0000604   , L0000605   , L0000606   ,
L0000607   ,
               L0000608   , L0000609   , L0000610   , L0000611   , L0000612   , L0000613   , L0000614   ,
. . .   ,

                           *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                ** CONC OF PM_10   IN MICROGRAMS/M**3   **

   Y-COORD | X-COORD (METERS)
   (METERS) | 561357.30   561377.30   561397.30
 -
- - - - - - - -

 4190825.17 | 0.09342   0.09194   0.09060
 4190805.17 | 0.09391   0.09241   0.09105
 4190785.17 | 0.09210   0.09266   0.09136
 4190765.17 | 0.09257   0.09294   0.09163
 4190745.17 | 0.09504   0.09325   0.09188
 4190725.17 | 0.09507   0.09365   0.09220
 4190705.17 | 0.09332   0.09383   0.09239
 4190685.17 | 0.09342   0.09381   0.09245
 4190665.17 | 0.09544   0.09375   0.09234
 4190645.17 | 0.09546   0.09377   0.09228

                          *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: DREDG
***
                              INCLUDING SOURCE(S):   L0000587   , L0000588   , L0000589   , L0000590   ,
L0000591   ,
               L0000592   , L0000593   , L0000594   , L0000595   , L0000596   , L0000597   , L0000598   ,
L0000599   ,
               L0000600   , L0000601   , L0000602   , L0000603   , L0000604   , L0000605   , L0000606   ,
L0000607   ,
               L0000608   , L0000609   , L0000610   , L0000611   , L0000612   , L0000613   , L0000614   ,
. . .   ,

                                    *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                ** CONC OF PM_10   IN MICROGRAMS/M**3   **

      X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)   Y-COORD (M)   CONC
 -
- - - - - - -
        560122.00   4190978.00   0.42894   560142.00   4190978.00   0.41075

        560162.00   4190978.00   0.39326   560182.00   4190978.00   0.37650

560202.00	4190978.00	0.36025	560222.00	4190978.00	0.34503
560242.00	4190978.00	0.33068	560262.00	4190978.00	0.31757
560102.00	4190998.00	0.40215	560122.00	4190998.00	0.38855
560142.00	4190998.00	0.37341	560162.00	4190998.00	0.35898
560182.00	4190998.00	0.34538	560202.00	4190998.00	0.33253
560222.00	4190998.00	0.32036	560242.00	4190998.00	0.30879
560262.00	4190998.00	0.29775	560282.00	4190998.00	0.28682
560302.00	4190998.00	0.27598	560322.00	4190998.00	0.26633
560102.00	4191018.00	0.36512	560122.00	4191018.00	0.35402
560142.00	4191018.00	0.34149	560162.00	4191018.00	0.32951
560182.00	4191018.00	0.31817	560202.00	4191018.00	0.30743
560222.00	4191018.00	0.29724	560242.00	4191018.00	0.28753
560262.00	4191018.00	0.27822	560282.00	4191018.00	0.26927
560302.00	4191018.00	0.26063	560322.00	4191018.00	0.25231
560342.00	4191018.00	0.24429	560362.00	4191018.00	0.23658
560382.00	4191018.00	0.22919	560402.00	4191018.00	0.22179
560102.00	4191038.00	0.33582	560122.00	4191038.00	0.32533
560142.00	4191038.00	0.31468	560162.00	4191038.00	0.30448
560182.00	4191038.00	0.29478	560202.00	4191038.00	0.28556
560222.00	4191038.00	0.27681	560242.00	4191038.00	0.26849
560262.00	4191038.00	0.26051	560282.00	4191038.00	0.25283
560302.00	4191038.00	0.24541	560322.00	4191038.00	0.23821
560342.00	4191038.00	0.23124	560362.00	4191038.00	0.22448
560382.00	4191038.00	0.21796	560402.00	4191038.00	0.21158
560422.00	4191038.00	0.20534	560442.00	4191038.00	0.19957
560462.00	4191038.00	0.19387	560082.00	4191058.00	0.31827
560102.00	4191058.00	0.31016	560122.00	4191058.00	0.30098
560142.00	4191058.00	0.29195	560162.00	4191058.00	0.28318
560182.00	4191058.00	0.27475	560202.00	4191058.00	0.26668
560222.00	4191058.00	0.25900	560242.00	4191058.00	0.25169
560262.00	4191058.00	0.24471	560282.00	4191058.00	0.23801
560302.00	4191058.00	0.23153	560322.00	4191058.00	0.22524
560342.00	4191058.00	0.21913	560362.00	4191058.00	0.21318
560382.00	4191058.00	0.20741	560402.00	4191058.00	0.20181
560422.00	4191058.00	0.19639	560442.00	4191058.00	0.19118

560462.00	4191058.00	0.18600	560082.00	4191078.00	0.29403
560102.00	4191078.00	0.28750	560122.00	4191078.00	0.27992
560142.00	4191078.00	0.27232	560162.00	4191078.00	0.26481

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: DREDG ***

INCLUDING SOURCE(S): L0000587 , L0000588 , L0000589 , L0000590 , L0000591 ,
L0000592 , L0000593 , L0000594 , L0000595 , L0000596 , L0000597 , L0000598 , L0000599 ,
L0000600 , L0000601 , L0000602 , L0000603 , L0000604 , L0000605 , L0000606 , L0000607 ,
L0000608 , L0000609 , L0000610 , L0000611 , L0000612 , L0000613 , L0000614 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
560182.00	4191078.00	0.25746	560202.00	4191078.00	0.25035
560222.00	4191078.00	0.24352	560242.00	4191078.00	0.23700
560262.00	4191078.00	0.23077	560282.00	4191078.00	0.22480
560302.00	4191078.00	0.21905	560322.00	4191078.00	0.21347
560342.00	4191078.00	0.20805	560362.00	4191078.00	0.20276
560382.00	4191078.00	0.19761	560402.00	4191078.00	0.19260
560422.00	4191078.00	0.18773	560442.00	4191078.00	0.18301
560462.00	4191078.00	0.17845	560482.00	4191078.00	0.17406
560502.00	4191078.00	0.16985	560082.00	4191098.00	0.27299
560102.00	4191098.00	0.26769	560122.00	4191098.00	0.26142
560142.00	4191098.00	0.25506	560162.00	4191098.00	0.24867
560182.00	4191098.00	0.24231	560202.00	4191098.00	0.23606
560222.00	4191098.00	0.22998	560242.00	4191098.00	0.22412
560262.00	4191098.00	0.21850	560282.00	4191098.00	0.21310
560302.00	4191098.00	0.20791	560322.00	4191098.00	0.20290
560342.00	4191098.00	0.19802	560362.00	4191098.00	0.19327
560382.00	4191098.00	0.18863	560402.00	4191098.00	0.18410
560422.00	4191098.00	0.17969	560442.00	4191098.00	0.17540

560462.00	4191098.00	0.17124	560482.00	4191098.00	0.16721
560502.00	4191098.00	0.16332	560522.00	4191098.00	0.15943
560062.00	4191118.00	0.25832	560082.00	4191118.00	0.25461
560102.00	4191118.00	0.25022	560122.00	4191118.00	0.24499
560142.00	4191118.00	0.23966	560162.00	4191118.00	0.23425
560182.00	4191118.00	0.22880	560202.00	4191118.00	0.22336
560222.00	4191118.00	0.21799	560242.00	4191118.00	0.21273
560262.00	4191118.00	0.20764	560282.00	4191118.00	0.20273
560302.00	4191118.00	0.19800	560322.00	4191118.00	0.19343
560342.00	4191118.00	0.18900	560362.00	4191118.00	0.18468
560382.00	4191118.00	0.18046	560402.00	4191118.00	0.17633
560422.00	4191118.00	0.17230	560442.00	4191118.00	0.16838
560462.00	4191118.00	0.16455	560482.00	4191118.00	0.16084
560502.00	4191118.00	0.15724	560522.00	4191118.00	0.15349
560062.00	4191138.00	0.24159	560082.00	4191138.00	0.23846
560102.00	4191138.00	0.23475	560122.00	4191138.00	0.23033
560142.00	4191138.00	0.22583	560162.00	4191138.00	0.22124
560182.00	4191138.00	0.21659	560202.00	4191138.00	0.21189
560222.00	4191138.00	0.20718	560242.00	4191138.00	0.20251
560262.00	4191138.00	0.19793	560282.00	4191138.00	0.19347
560302.00	4191138.00	0.18914	560322.00	4191138.00	0.18496
560342.00	4191138.00	0.18089	560362.00	4191138.00	0.17693

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: DREDG ***

INCLUDING SOURCE(S): L0000587 , L0000588 , L0000589 , L0000590 , L0000591 ,
L0000592 , L0000593 , L0000594 , L0000595 , L0000596 , L0000597 , L0000598 , L0000599 ,
L0000600 , L0000601 , L0000602 , L0000603 , L0000604 , L0000605 , L0000606 , L0000607 ,
L0000608 , L0000609 , L0000610 , L0000611 , L0000612 , L0000613 , L0000614 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC

- - - - - - -

560382.00	4191138.00	0.17305	560402.00	4191138.00	0.16927
560422.00	4191138.00	0.16556	560442.00	4191138.00	0.16194
560462.00	4191138.00	0.15840	560482.00	4191138.00	0.15496
560502.00	4191138.00	0.15157	560062.00	4191158.00	0.22688
560082.00	4191158.00	0.22419	560102.00	4191158.00	0.22100
560122.00	4191158.00	0.21719	560142.00	4191158.00	0.21334
560162.00	4191158.00	0.20942	560182.00	4191158.00	0.20545
560202.00	4191158.00	0.20140	560222.00	4191158.00	0.19731
560242.00	4191158.00	0.19321	560262.00	4191158.00	0.18912
560282.00	4191158.00	0.18509	560302.00	4191158.00	0.18116
560322.00	4191158.00	0.17732	560342.00	4191158.00	0.17358
560362.00	4191158.00	0.16992	560382.00	4191158.00	0.16635
560402.00	4191158.00	0.16285	560422.00	4191158.00	0.15942
560442.00	4191158.00	0.15606	560462.00	4191158.00	0.15277
560482.00	4191158.00	0.14956	560502.00	4191158.00	0.14586
560062.00	4191178.00	0.21436	560082.00	4191178.00	0.21171
560102.00	4191178.00	0.20872	560122.00	4191178.00	0.20540
560142.00	4191178.00	0.20205	560162.00	4191178.00	0.19867
560182.00	4191178.00	0.19524	560202.00	4191178.00	0.19175
560222.00	4191178.00	0.18821	560242.00	4191178.00	0.18462
560322.00	4191178.00	0.17036	560342.00	4191178.00	0.16693
560362.00	4191178.00	0.16356	560382.00	4191178.00	0.16026
560402.00	4191178.00	0.15702	560422.00	4191178.00	0.15383
560442.00	4191178.00	0.15070	560462.00	4191178.00	0.14763
560482.00	4191178.00	0.14462	560502.00	4191178.00	0.14093
560062.00	4191198.00	0.20343	560082.00	4191198.00	0.20063
560102.00	4191198.00	0.19771	560122.00	4191198.00	0.19477
560142.00	4191198.00	0.19182	560162.00	4191198.00	0.18886
560182.00	4191198.00	0.18587	560202.00	4191198.00	0.18285
560222.00	4191198.00	0.17977	560362.00	4191198.00	0.15773
560382.00	4191198.00	0.15468	560402.00	4191198.00	0.15168
560422.00	4191198.00	0.14872	560442.00	4191198.00	0.14580
560462.00	4191198.00	0.14292	560482.00	4191198.00	0.14008
560042.00	4191218.00	0.19511	560062.00	4191218.00	0.19291

560082.00	4191218.00	0.19039	560102.00	4191218.00	0.18779
560122.00	4191218.00	0.18516	560142.00	4191218.00	0.18253
560162.00	4191218.00	0.17991	560182.00	4191218.00	0.17727
560202.00	4191218.00	0.17462	560222.00	4191218.00	0.17194
560342.00	4191218.00	0.15513	560362.00	4191218.00	0.15231
560382.00	4191218.00	0.14952	560402.00	4191218.00	0.14676

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: DREDG ***

INCLUDING SOURCE(S): L0000587 , L0000588 , L0000589 , L0000590 , L0000591 ,
L0000592 , L0000593 , L0000594 , L0000595 , L0000596 , L0000597 , L0000598 , L0000599 ,
L0000600 , L0000601 , L0000602 , L0000603 , L0000604 , L0000605 , L0000606 , L0000607 ,
L0000608 , L0000609 , L0000610 , L0000611 , L0000612 , L0000613 , L0000614 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
560422.00	4191218.00	0.14401	560442.00	4191218.00	0.14130
560462.00	4191218.00	0.13849	560482.00	4191218.00	0.13557
560082.00	4191238.00	0.18114	560102.00	4191238.00	0.17881
560122.00	4191238.00	0.17645	560142.00	4191238.00	0.17408
560162.00	4191238.00	0.17172	560182.00	4191238.00	0.16938
560202.00	4191238.00	0.16703	560222.00	4191238.00	0.16466
560342.00	4191238.00	0.14978	560362.00	4191238.00	0.14724
560382.00	4191238.00	0.14470	560402.00	4191238.00	0.14216
560422.00	4191238.00	0.13963	560442.00	4191238.00	0.13712
560462.00	4191238.00	0.13439	560182.00	4191258.00	0.16211
560202.00	4191258.00	0.16001	560322.00	4191258.00	0.14698
560342.00	4191258.00	0.14472	560362.00	4191258.00	0.14244
560382.00	4191258.00	0.14014	560402.00	4191258.00	0.13783
560422.00	4191258.00	0.13552	560442.00	4191258.00	0.13318
560462.00	4191258.00	0.13056	560322.00	4191278.00	0.14191
560342.00	4191278.00	0.13990	560362.00	4191278.00	0.13786

560382.00	4191278.00	0.13580	560402.00	4191278.00	0.13371
560422.00	4191278.00	0.13161	560442.00	4191278.00	0.12926
559982.00	4191298.00	0.16496	560002.00	4191298.00	0.16409
560022.00	4191298.00	0.16279	560042.00	4191298.00	0.16133
560062.00	4191298.00	0.15975	560302.00	4191298.00	0.13885
560322.00	4191298.00	0.13708	560342.00	4191298.00	0.13529
560362.00	4191298.00	0.13348	560382.00	4191298.00	0.13164
560402.00	4191298.00	0.12977	560422.00	4191298.00	0.12787
560442.00	4191298.00	0.12552	559962.00	4191318.00	0.15903
559982.00	4191318.00	0.15825	560002.00	4191318.00	0.15714
560022.00	4191318.00	0.15593	560042.00	4191318.00	0.15461
560062.00	4191318.00	0.15317	560082.00	4191318.00	0.15164
560102.00	4191318.00	0.15006	560122.00	4191318.00	0.14844
560142.00	4191318.00	0.14680	560162.00	4191318.00	0.14516
560302.00	4191318.00	0.13408	560322.00	4191318.00	0.13250
560342.00	4191318.00	0.13090	560362.00	4191318.00	0.12928
560382.00	4191318.00	0.12764	560402.00	4191318.00	0.12597
560422.00	4191318.00	0.12427	559962.00	4191338.00	0.15246
559982.00	4191338.00	0.15175	560002.00	4191338.00	0.15074
560022.00	4191338.00	0.14964	560042.00	4191338.00	0.14843
560062.00	4191338.00	0.14712	560082.00	4191338.00	0.14572
560102.00	4191338.00	0.14426	560122.00	4191338.00	0.14277
560142.00	4191338.00	0.14126	560162.00	4191338.00	0.13975
560182.00	4191338.00	0.13825	560202.00	4191338.00	0.13677

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: DREDG ***

INCLUDING SOURCE(S): L0000587 , L0000588 , L0000589 , L0000590 , L0000591 ,
L0000592 , L0000593 , L0000594 , L0000595 , L0000596 , L0000597 , L0000598 , L0000599 ,
L0000600 , L0000601 , L0000602 , L0000603 , L0000604 , L0000605 , L0000606 , L0000607 ,
L0000608 , L0000609 , L0000610 , L0000611 , L0000612 , L0000613 , L0000614 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
560222.00	4191338.00	0.13531	560242.00	4191338.00	0.13386
560302.00	4191338.00	0.12957	560322.00	4191338.00	0.12815
560342.00	4191338.00	0.12671	560362.00	4191338.00	0.12527
560382.00	4191338.00	0.12380	560402.00	4191338.00	0.12231
560422.00	4191338.00	0.12079	559962.00	4191358.00	0.14642
559982.00	4191358.00	0.14577	560002.00	4191358.00	0.14484
560022.00	4191358.00	0.14384	560042.00	4191358.00	0.14274
560062.00	4191358.00	0.14153	560082.00	4191358.00	0.14024
560102.00	4191358.00	0.13890	560122.00	4191358.00	0.13752
560142.00	4191358.00	0.13612	560162.00	4191358.00	0.13473
560182.00	4191358.00	0.13334	560202.00	4191358.00	0.13196
560222.00	4191358.00	0.13061	560242.00	4191358.00	0.12927
560262.00	4191358.00	0.12794	560282.00	4191358.00	0.12663
560302.00	4191358.00	0.12532	560322.00	4191358.00	0.12403
560342.00	4191358.00	0.12273	560362.00	4191358.00	0.12143
560382.00	4191358.00	0.12000	560402.00	4191358.00	0.11861
559962.00	4191378.00	0.14084	559982.00	4191378.00	0.14025
560002.00	4191378.00	0.13940	560022.00	4191378.00	0.13848
560042.00	4191378.00	0.13747	560062.00	4191378.00	0.13636
560082.00	4191378.00	0.13517	560102.00	4191378.00	0.13392
560122.00	4191378.00	0.13265	560142.00	4191378.00	0.13135
560162.00	4191378.00	0.13005	560182.00	4191378.00	0.12876
560202.00	4191378.00	0.12748	560222.00	4191378.00	0.12622
560242.00	4191378.00	0.12497	560262.00	4191378.00	0.12374
560282.00	4191378.00	0.12252	560302.00	4191378.00	0.12130
560322.00	4191378.00	0.12009	560342.00	4191378.00	0.11890
559982.00	4191398.00	0.13514	560002.00	4191398.00	0.13436
560022.00	4191398.00	0.13352	560042.00	4191398.00	0.13258
560062.00	4191398.00	0.13156	560082.00	4191398.00	0.13046
560102.00	4191398.00	0.12930	560122.00	4191398.00	0.12811
560142.00	4191398.00	0.12690	560162.00	4191398.00	0.12569
560182.00	4191398.00	0.12449	560202.00	4191398.00	0.12329

560222.00	4191398.00	0.12211	560242.00	4191398.00	0.12095
560262.00	4191398.00	0.11980	560282.00	4191398.00	0.11857
559982.00	4191418.00	0.13018	560002.00	4191418.00	0.12947
560022.00	4191418.00	0.12882	560042.00	4191418.00	0.12804
560062.00	4191418.00	0.12709	560082.00	4191418.00	0.12607
560102.00	4191418.00	0.12499	560122.00	4191418.00	0.12388
560142.00	4191418.00	0.12275	560162.00	4191418.00	0.12162
560182.00	4191418.00	0.12049	560202.00	4191418.00	0.11937

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: DREDG ***

INCLUDING SOURCE(S): L0000587 , L0000588 , L0000589 , L0000590 , L0000591 ,
L0000592 , L0000593 , L0000594 , L0000595 , L0000596 , L0000597 , L0000598 , L0000599 ,
L0000600 , L0000601 , L0000602 , L0000603 , L0000604 , L0000605 , L0000606 , L0000607 ,
L0000608 , L0000609 , L0000610 , L0000611 , L0000612 , L0000613 , L0000614 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
560222.00	4191418.00	0.11827	560242.00	4191418.00	0.11717
560262.00	4191418.00	0.11610	560002.00	4191438.00	0.12476
560022.00	4191438.00	0.12436	560042.00	4191438.00	0.12376
560062.00	4191438.00	0.12292	560082.00	4191438.00	0.12197
560102.00	4191438.00	0.12096	560122.00	4191438.00	0.11993
560142.00	4191438.00	0.11887	560162.00	4191438.00	0.11781
560182.00	4191438.00	0.11675	560202.00	4191438.00	0.11570
560222.00	4191438.00	0.11466	560242.00	4191438.00	0.11363
560262.00	4191438.00	0.11261	560042.00	4191458.00	0.11935
560062.00	4191458.00	0.11899	560082.00	4191458.00	0.11813
560102.00	4191458.00	0.11719	560122.00	4191458.00	0.11622
560142.00	4191458.00	0.11523	560162.00	4191458.00	0.11423
560182.00	4191458.00	0.11324	560202.00	4191458.00	0.11225

560222.00	4191458.00	0.11127	560242.00	4191458.00	0.11030
560262.00	4191458.00	0.10917	560142.00	4191478.00	0.11159
560162.00	4191478.00	0.11072	560182.00	4191478.00	0.10978
560202.00	4191478.00	0.10894	560222.00	4191478.00	0.10807
560242.00	4191478.00	0.10716	560155.00	4190663.00	0.89986
560175.00	4190663.00	0.81436	560115.00	4190683.00	1.14424
560135.00	4190683.00	1.01808	560155.00	4190683.00	0.91614
560175.00	4190683.00	0.82697	560095.00	4190703.00	1.30997
560115.00	4190703.00	1.14696	560135.00	4190703.00	1.02072
560155.00	4190703.00	0.91855	560175.00	4190703.00	0.82885
560095.00	4190723.00	1.28871	560115.00	4190723.00	1.13087
560135.00	4190723.00	1.00807	560155.00	4190723.00	0.90844
560175.00	4190723.00	0.82053	560195.00	4190723.00	0.74650
560095.00	4190743.00	1.25265	560115.00	4190743.00	1.10218
560135.00	4190743.00	0.98443	560155.00	4190743.00	0.88866
560175.00	4190743.00	0.80380	560195.00	4190743.00	0.73228
560075.00	4190763.00	1.38014	560095.00	4190763.00	1.20502
560115.00	4190763.00	1.06386	560135.00	4190763.00	0.95253
560155.00	4190763.00	0.86155	560175.00	4190763.00	0.78055
560195.00	4190763.00	0.71223	560215.00	4190763.00	0.65408
560075.00	4190783.00	1.30768	560095.00	4190783.00	1.14676
560115.00	4190783.00	1.01645	560135.00	4190783.00	0.91316
560155.00	4190783.00	0.82829	560175.00	4190783.00	0.75211
560195.00	4190783.00	0.68766	560215.00	4190783.00	0.63262
560235.00	4190783.00	0.58519	560075.00	4190803.00	1.22646
560095.00	4190803.00	1.07993	560115.00	4190803.00	0.96137
560135.00	4190803.00	0.86742	560155.00	4190803.00	0.78993

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: DREDG
***
INCLUDING SOURCE(S): L0000587 , L0000588 , L0000589 , L0000590 ,
L0000591 ,
L0000592 , L0000593 , L0000594 , L0000595 , L0000596 , L0000597 , L0000598 ,
L0000599 ,
L0000600 , L0000601 , L0000602 , L0000603 , L0000604 , L0000605 , L0000606 ,

L0000607 ,
L0000608 , L0000609 , L0000610 , L0000611 , L0000612 , L0000613 , L0000614 ,
. . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
560175.00	4190803.00	0.71964	560195.00	4190803.00	0.65978
560215.00	4190803.00	0.60841	560235.00	4190803.00	0.56400
560255.00	4190803.00	0.52545	560275.00	4190803.00	0.49172
560075.00	4190823.00	1.13937	560095.00	4190823.00	1.00809
560115.00	4190823.00	0.90182	560135.00	4190823.00	0.81571
560155.00	4190823.00	0.74426	560175.00	4190823.00	0.68349
560195.00	4190823.00	0.62971	560215.00	4190823.00	0.58235
560235.00	4190823.00	0.54113	560255.00	4190823.00	0.50504
560275.00	4190823.00	0.47324	560295.00	4190823.00	0.44504
560315.00	4190823.00	0.42034	560115.00	4190843.00	0.84085
560135.00	4190843.00	0.76377	560155.00	4190843.00	0.69932
560175.00	4190843.00	0.64522	560195.00	4190843.00	0.59738
560215.00	4190843.00	0.55490	560235.00	4190843.00	0.51699
560255.00	4190843.00	0.48358	560275.00	4190843.00	0.45400
560295.00	4190843.00	0.42767	560315.00	4190843.00	0.40412
560335.00	4190843.00	0.38294	560195.00	4190863.00	0.56200
560215.00	4190863.00	0.52590	560235.00	4190863.00	0.49147
560255.00	4190863.00	0.46088	560275.00	4190863.00	0.43362
560295.00	4190863.00	0.40923	560315.00	4190863.00	0.38734
560335.00	4190863.00	0.36762	560075.00	4190883.00	0.86691
560095.00	4190883.00	0.78407	560115.00	4190883.00	0.71504
560255.00	4190883.00	0.43690	560275.00	4190883.00	0.41214
560295.00	4190883.00	0.38984	560315.00	4190883.00	0.36972
560335.00	4190883.00	0.35151			

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL1
***

INCLUDING SOURCE(S): L0000570 , L0000571 , L0000572 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	559917.30	559937.30	559957.30	559977.30	559997.30	560017.30	560037.30	560057.30	560077.30
4191625.17	0.14185	0.14511	0.14850	0.15205	0.15585	0.15978	0.16389	0.16840	0.17293
4191605.17	0.14363	0.14692	0.15035	0.15392	0.15766	0.16157	0.16571	0.17021	0.17488
4191585.17	0.14555	0.14887	0.15233	0.15595	0.15978	0.16373	0.16780	0.17212	0.17695
4191565.17	0.14760	0.15096	0.15447	0.15823	0.16250	0.16651	0.17046	0.17455	0.17938
4191545.17	0.14978	0.15334	0.15696	0.16078	0.16517	0.16916	0.17313	0.17736	0.18213
4191525.17	0.15212	0.15594	0.15967	0.16351	0.16778	0.17180	0.17588	0.18040	0.18514
4191505.17	0.15451	0.15841	0.16222	0.16609	0.17023	0.17445	0.17875	0.18336	0.18818
4191485.17	0.15697	0.16096	0.16486	0.16882	0.17296	0.17727	0.18171	0.18611	0.19088
4191465.17	0.15950	0.16360	0.16759	0.17165	0.17589	0.18025	0.18474	0.18865	0.19332
4191445.17	0.16206	0.16600	0.17004	0.17419	0.17852	0.18285	0.18720	0.19178	0.19681
4191425.17	0.16478	0.16870	0.17267	0.17679	0.18122	0.18561	0.19019	0.19521	0.20046
4191405.17	0.16764	0.17167	0.17554	0.17954	0.18407	0.18880	0.19373	0.19889	0.20429
4191385.17	0.17033	0.17477	0.17880	0.18291	0.18756	0.19242	0.19749	0.20279	0.20834
4191365.17	0.17340	0.17809	0.18230	0.18652	0.19130	0.19629	0.20150	0.20696	0.21267
4191345.17	0.17690	0.18172	0.18605	0.19038	0.19530	0.20043	0.20580	0.21142	0.21730
4191325.17	0.18063	0.18558	0.19003	0.19449	0.19955	0.20484	0.21037	0.21615	0.22222
4191305.17	0.18451	0.18939	0.19418	0.19902	0.20407	0.20943	0.21513	0.22110	0.22735
4191285.17	0.18835	0.19307	0.19830	0.20377	0.20865	0.21408	0.21995	0.22610	0.23255
4191265.17	0.19217	0.19700	0.20214	0.20758	0.21293	0.21860	0.22463	0.23095	0.23758
4191245.17	0.19568	0.20063	0.20579	0.21118	0.21682	0.22272	0.22890	0.23537	0.24216
4191225.17	0.19868	0.20371	0.20897	0.21445	0.22019	0.22619	0.23248	0.23906	0.24597
4191205.17	0.20097	0.20605	0.21136	0.21699	0.22325	0.22943	0.23571	0.24185	0.24872
4191185.17	0.20238	0.20747	0.21296	0.21878	0.22496	0.23115	0.23745	0.24373	0.25039
4191165.17	0.20280	0.20786	0.21349	0.21952	0.22532	0.23137	0.23771	0.24435	0.25078
4191145.17	0.20222	0.20721	0.21249	0.21820	0.22433	0.23038	0.23662	0.24315	0.24948
4191125.17	0.20071	0.20560	0.21070	0.21611	0.22231	0.22833	0.23445	0.24086	0.24707
4191105.17	0.19846	0.20324	0.20823	0.21353	0.21961	0.22552	0.23153	0.23783	0.24393
4191085.17	0.19618	0.20049	0.20531	0.21053	0.21652	0.22234	0.22828	0.23451	0.24056
4191065.17	0.19319	0.19753	0.20231	0.20749	0.21344	0.21924	0.22516		

0.23140 0.23748
4191045.17 | 0.19008 0.19472 0.19960 0.20480 0.21078 0.21664 0.22264
0.22897 0.23527
4191025.17 | 0.18783 0.19255 0.19751 0.20281 0.20889 0.21488 0.22104
0.22754 0.23434
4191005.17 | 0.18633 0.19118 0.19628 0.20174 0.20800 0.21419 0.22057
0.22758 0.23466
4190985.17 | 0.18571 0.19074 0.19604 0.20171 0.20820 0.21464 0.22136
0.22897 0.23629
4190965.17 | 0.18602 0.19126 0.19678 0.20270 0.20944 0.21614 0.22314
0.23103 0.23889
4190945.17 | 0.18720 0.19266 0.19842 0.20457 0.21155 0.21866 0.22607
0.23398 0.24210
4190925.17 | 0.18912 0.19478 0.20074 0.20710 0.21430 0.22186 0.22963
0.23745 0.24569
4190905.17 | 0.19156 0.19740 0.20353 0.21006 0.21743 0.22515 0.23308
0.24105 0.24945
4190885.17 | 0.19431 0.20027 0.20653 0.21318 0.22042 0.22835 0.23657
0.24465 0.25317
4190865.17 | 0.19715 0.20321 0.20955 0.21619 0.22315 0.23129 0.23994
0.24813 0.25677
4190845.17 | 0.19994 0.20605 0.21244 0.21914 0.22617 0.23441 0.24317
0.25148 0.26028

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL1
***

INCLUDING SOURCE(S): L0000570 , L0000571 , L0000572 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	559917.30	559937.30	559957.30	559977.30	559997.30	560017.30	560037.30	560057.30	560077.30
4190825.17	0.20255	0.20871	0.21516	0.22192	0.22932	0.23749	0.24608	0.25474	0.26384
4190805.17	0.20499	0.21120	0.21773	0.22478	0.23259	0.24048	0.24876	0.25811	0.26760
4190785.17	0.20738	0.21411	0.22086	0.22792	0.23511	0.24292	0.25155	0.26175	0.27169
4190765.17	0.20991	0.21655	0.22341	0.23058	0.23790	0.24597	0.25503	0.26574	0.27615
4190745.17	0.21262	0.21881	0.22569	0.23320	0.24118	0.24967	0.25907	0.27016	0.28094
4190725.17	0.21483	0.22157	0.22881	0.23660	0.24488	0.25369	0.26328	0.27418	0.28546
4190705.17	0.21746	0.22463	0.23224	0.24031	0.24887	0.25793	0.26763	0.27826	0.28995
4190685.17	0.22063	0.22806	0.23592	0.24422	0.25299	0.26221	0.27190	0.28205	0.29391
4190665.17	0.22404	0.23168	0.23972	0.24818	0.25705	0.26632	0.27599	0.28602	0.29770
4190645.17	0.22757	0.23535	0.24349	0.25199	0.26084	0.27002	0.27951	0.28927	0.30061

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL1 ***

INCLUDING SOURCE(S): L0000570 , L0000571 , L0000572 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	560097.30	560117.30	560137.30	560157.30	560177.30	560197.30	560217.30	560237.30	560257.30
4191625.17	0.17765	0.18262	0.18788	0.19344	0.19934	0.20562	0.21231	0.21947	0.22714
4191605.17	0.17972	0.18470	0.18995	0.19550	0.20137	0.20760	0.21422	0.22128	0.22882
4191585.17	0.18199	0.18701	0.19229	0.19786	0.20373	0.20995	0.21654	0.22355	0.23102
4191565.17	0.18454	0.18987	0.19526	0.20088	0.20681	0.21289	0.21924	0.22624	0.23369
4191545.17	0.18724	0.19259	0.19815	0.20394	0.20993	0.21596	0.22229	0.22933	0.23679
4191525.17	0.19010	0.19530	0.20101	0.20705	0.21312	0.21921	0.22559	0.23270	0.24022
4191505.17	0.19322	0.19852	0.20395	0.20964	0.21577	0.22181	0.22811	0.23526	0.24315
4191485.17	0.19601	0.20139	0.20688	0.21245	0.21866	0.22490	0.23144	0.23868	0.24694
4191465.17	0.19853	0.20399	0.20972	0.21573	0.22205	0.22870	0.23571	0.24310	0.25141
4191445.17	0.20216	0.20776	0.21363	0.21980	0.22627	0.23309	0.24026	0.24783	0.25595
4191425.17	0.20595	0.21171	0.21774	0.22407	0.23073	0.23773	0.24510	0.25287	0.26107
4191405.17	0.20994	0.21585	0.22206	0.22858	0.23543	0.24263	0.25022	0.25822	0.26666
4191385.17	0.21415	0.22025	0.22664	0.23335	0.24041	0.24783	0.25565	0.26390	0.27261
4191365.17	0.21865	0.22493	0.23151	0.23843	0.24571	0.25337	0.26144	0.26996	0.27895
4191345.17	0.22346	0.22993	0.23673	0.24386	0.25137	0.25929	0.26762	0.27643	0.28573
4191325.17	0.22858	0.23525	0.24226	0.24963	0.25739	0.26557	0.27419	0.28330	0.29293
4191305.17	0.23391	0.24080	0.24804	0.25566	0.26368	0.27213	0.28105	0.29048	0.30046
4191285.17	0.23931	0.24642	0.25389	0.26175	0.27004	0.27878	0.28800	0.29775	0.30808
4191265.17	0.24454	0.25186	0.25955	0.26765	0.27618	0.28519	0.29470	0.30476	0.31542
4191245.17	0.24929	0.25679	0.26467	0.27297	0.28172	0.29096	0.30072	0.31104	0.32198
4191225.17	0.25323	0.26085	0.26888	0.27733	0.28624	0.29564	0.30558	0.31609	0.32724
4191205.17	0.25604	0.26373	0.27183	0.28035	0.28934	0.29883	0.30885	0.31946	0.33069
4191185.17	0.25748	0.26518	0.27327	0.28178	0.29076	0.30024	0.31025	0.32084	0.33206
4191165.17	0.25747	0.26509	0.27310	0.28154	0.29043	0.29981	0.30973	0.32021	0.33132
4191145.17	0.25606	0.26356	0.27145	0.27976	0.28852	0.29776	0.30753	0.31787	0.32883
4191125.17	0.25352	0.26090	0.26865	0.27682	0.28544	0.29455	0.30418		

0.31439 0.32522
4191105.17 | 0.25029 0.25755 0.26521 0.27328 0.28182 0.29085 0.30042
0.31057 0.32138
4191085.17 | 0.24688 0.25410 0.26173 0.26980 0.27834 0.28740 0.29702
0.30726 0.31817
4191065.17 | 0.24385 0.25113 0.25883 0.26700 0.27567 0.28489 0.29470
0.30516 0.31634
4191045.17 | 0.24167 0.24911 0.25701 0.26539 0.27430 0.28380 0.29393
0.30474 0.31632
4191025.17 | 0.24133 0.24849 0.25655 0.26523 0.27448 0.28434 0.29487
0.30611 0.31815
4191005.17 | 0.24196 0.24925 0.25752 0.26656 0.27619 0.28645 0.29740
0.30909 0.32158
4190985.17 | 0.24357 0.25118 0.25979 0.26919 0.27919 0.28983 0.30117
0.31342 0.32634
4190965.17 | 0.24687 0.25490 0.26354 0.27277 0.28309 0.29449 0.30693
0.32016 0.33370
4190945.17 | 0.25052 0.25915 0.26824 0.27793 0.28857 0.30014 0.31284
0.32623 0.34013
4190925.17 | 0.25440 0.26360 0.27334 0.28364 0.29458 0.30619 0.31856
0.33175 0.34587
4190905.17 | 0.25831 0.26767 0.27757 0.28806 0.29920 0.31106 0.32359
0.33642 0.35073
4190885.17 | 0.26216 0.27167 0.28154 0.29212 0.30371 0.31574 0.32834
0.34165 0.35640
4190865.17 | 0.26590 0.27559 0.28547 0.29593 0.30832 0.32047 0.33315
0.34753 0.36303
4190845.17 | 0.26962 0.27954 0.29002 0.30111 0.31283 0.32550 0.33910
0.35406 0.37017

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL1 ***

INCLUDING SOURCE(S): L0000570 , L0000571 , L0000572 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)						
	560097.30	560117.30	560137.30	560157.30	560177.30	560197.30	560217.30
560237.30	560257.30						
4190825.17	0.27344	0.28369	0.29444	0.30580	0.31781	0.33110	0.34553
0.36102	0.37764						
4190805.17	0.27755	0.28818	0.29900	0.31049	0.32348	0.33738	0.35227
0.36817	0.38512						
4190785.17	0.28202	0.29307	0.30430	0.31620	0.32958	0.34385	0.35903
0.37511	0.39146						
4190765.17	0.28687	0.29830	0.30988	0.32207	0.33572	0.35016	0.36538
0.38074	0.39647						
4190745.17	0.29198	0.30370	0.31549	0.32782	0.34151	0.35587	0.37066
0.38467	0.40012						
4190725.17	0.29713	0.30900	0.32082	0.33306	0.34656	0.36057	0.37484
0.38812	0.40269						
4190705.17	0.30204	0.31386	0.32550	0.33743	0.35050	0.36354	0.37659
0.38953	0.40325						
4190685.17	0.30639	0.31797	0.32922	0.34063	0.35305	0.36469	0.37629
0.38904	0.40184						
4190665.17	0.30991	0.32104	0.33173	0.34244	0.35406	0.36478	0.37536
0.38701	0.39865						

                           *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: HAUL1
***
                               INCLUDING SOURCE(S):   L0000570   , L0000571   , L0000572   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 560277.30   560297.30   560317.30   560337.30   560357.30   560377.30   560397.30
560417.30   560437.30
 -
- - - - - - - -

  4191625.17 | 0.23536   0.24421   0.25372   0.26366   0.27305   0.28412   0.29660
0.30993   0.32412
  4191605.17 | 0.23691   0.24559   0.25493   0.26481   0.27473   0.28552   0.29735
0.31073   0.32511
  4191585.17 | 0.23900   0.24755   0.25674   0.26664   0.27732   0.28777   0.29863
0.31194   0.32633
  4191565.17 | 0.24162   0.25010   0.25918   0.26894   0.27945   0.29047   0.30234
0.31562   0.33003
  4191545.17 | 0.24473   0.25319   0.26222   0.27190   0.28231   0.29352   0.30564
0.31878   0.33305
  4191525.17 | 0.24830   0.25679   0.26584   0.27551   0.28588   0.29702   0.30903
0.32201   0.33610
  4191505.17 | 0.25171   0.26077   0.27000   0.27973   0.29013   0.30127   0.31325
0.32617   0.34015
  4191485.17 | 0.25577   0.26520   0.27466   0.28450   0.29501   0.30624   0.31829
0.33124   0.34520
  4191465.17 | 0.26055   0.27017   0.27979   0.28981   0.30048   0.31188   0.32407
0.33715   0.35123
  4191445.17 | 0.26495   0.27543   0.28539   0.29563   0.30653   0.31815   0.33057
0.34387   0.35816
  4191425.17 | 0.27003   0.28074   0.29120   0.30194   0.31311   0.32502   0.33774
0.35135   0.36595
  4191405.17 | 0.27574   0.28623   0.29716   0.30860   0.32009   0.33233   0.34555
0.35954   0.37454
  4191385.17 | 0.28182   0.29189   0.30257   0.31392   0.32566   0.33872   0.35285
0.36720   0.38319
  4191365.17 | 0.28847   0.29854   0.30923   0.32058   0.33265   0.34614   0.36055
0.37532   0.39230
  4191345.17 | 0.29557   0.30600   0.31707   0.32883   0.34134   0.35468   0.36892
0.38416   0.40179
  4191325.17 | 0.30313   0.31394   0.32541   0.33761   0.35060   0.36446   0.37926
0.39510   0.41422
  4191305.17 | 0.31102   0.32223   0.33414   0.34680   0.36030   0.37470   0.39010
0.40659   0.42649
  4191285.17 | 0.31902   0.33063   0.34298   0.35612   0.37013   0.38509   0.40110
0.41825   0.43785
  4191265.17 | 0.32672   0.33871   0.35147   0.36507   0.37956   0.39506   0.41164
0.42943   0.44886
  4191245.17 | 0.33359   0.34591   0.35903   0.37300   0.38792   0.40386   0.42094
0.43926   0.45897
  4191225.17 | 0.33906   0.35161   0.36498   0.37922   0.39443   0.41069   0.42811
0.44680   0.46691
  4191205.17 | 0.34261   0.35528   0.36876   0.38313   0.39846   0.41486   0.43244
0.45130   0.47160
  4191185.17 | 0.34396   0.35661   0.37006   0.38440   0.39971   0.41609   0.43364

0.45248 0.47275
4191165.17 | 0.34311 0.35564 0.36897 0.38318 0.39836 0.41459 0.43200
0.45071 0.47085
4191145.17 | 0.34046 0.35283 0.36600 0.38006 0.39509 0.41119 0.42847
0.44705 0.46710
4191125.17 | 0.33674 0.34900 0.36208 0.37606 0.39103 0.40710 0.42438
0.44301 0.46315
4191105.17 | 0.33288 0.34516 0.35828 0.37235 0.38744 0.40368 0.42120
0.44012 0.46062
4191085.17 | 0.32982 0.34229 0.35565 0.36999 0.38543 0.40207 0.42005
0.43952 0.46066
4191065.17 | 0.32831 0.34113 0.35489 0.36970 0.38566 0.40289 0.42152
0.44171 0.46365
4191045.17 | 0.32871 0.34201 0.35631 0.37168 0.38826 0.40616 0.42553
0.44651 0.46931
4191025.17 | 0.33104 0.34487 0.35972 0.37569 0.39290 0.41148 0.43184
0.45508 0.47916
4191005.17 | 0.33496 0.34988 0.36550 0.38209 0.39995 0.41972 0.44113
0.46515 0.49022
4190985.17 | 0.34034 0.35628 0.37262 0.38980 0.40830 0.42941 0.45226
0.47598 0.50185
4190965.17 | 0.34818 0.36386 0.38037 0.39814 0.41731 0.43827 0.46127
0.48590 0.51282
4190945.17 | 0.35487 0.37069 0.38770 0.40605 0.42592 0.44748 0.47097
0.49586 0.52357
4190925.17 | 0.36101 0.37729 0.39486 0.41388 0.43451 0.45696 0.48095
0.50591 0.53420
4190905.17 | 0.36628 0.38305 0.40119 0.42085 0.44221 0.46543 0.49070
0.51754 0.54695
4190885.17 | 0.37250 0.38989 0.40871 0.42911 0.45121 0.47515 0.50105
0.52899 0.55903
4190865.17 | 0.37977 0.39784 0.41737 0.43844 0.46116 0.48558 0.51175
0.53967 0.56932
4190845.17 | 0.38751 0.40618 0.42623 0.44773 0.47069 0.49512 0.52099
0.54822 0.57673

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL1
***

INCLUDING SOURCE(S): L0000570 , L0000571 , L0000572 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	560277.30	560297.30	560317.30	560337.30	560357.30	560377.30	560397.30	560417.30	560437.30
4190825.17	0.39546	0.41449	0.43426	0.45517	0.47780	0.50158	0.52641	0.55219	0.57878
4190805.17	0.40313	0.42220	0.44096	0.46036	0.48210	0.50463	0.52784	0.55160	0.57578
4190785.17	0.40831	0.42689	0.44594	0.46530	0.48585	0.50688	0.52828	0.54993	0.57173
4190765.17	0.41293	0.43071	0.44901	0.46773	0.48677	0.50603	0.52544	0.54491	0.56435
4190745.17	0.41650	0.43324	0.45026	0.46750	0.48486	0.50228	0.51970	0.53707	0.55431
4190725.17	0.41798	0.43346	0.44906	0.46472	0.48039	0.49603	0.51159	0.52703	0.54227

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL1 ***

INCLUDING SOURCE(S): L0000570 , L0000571 , L0000572 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)								
	560457.30	560477.30	560497.30	560517.30	560537.30	560557.30	560577.30	560597.30	560617.30
4190705.17	0.41733	0.43146	0.44560	0.45972	0.47380	0.48780	0.50168	0.51537	0.52876
4190685.17	0.41466	0.42746	0.44022	0.45293	0.46557	0.47810	0.49046	0.50252	0.51413
4190665.17	0.41026	0.42183	0.43335	0.44480	0.45616	0.46735	0.47827	0.48875	0.49856
4190645.17	0.40449	0.41496	0.42538	0.43571	0.44589	0.45581	0.46530	0.47414	0.48210
4191625.17	0.33919	0.35510	0.37183	0.38936	0.40762	0.42657	0.44617	0.46637	0.48712
4191605.17	0.34051	0.35695	0.37443	0.39319	0.41406	0.43520	0.45674	0.47915	0.50271
4191585.17	0.34185	0.35858	0.37654	0.39629	0.42007	0.44305	0.46645	0.49106	0.51815
4191565.17	0.34567	0.36263	0.38101	0.40130	0.42437	0.44812	0.47296	0.49940	0.52852
4191545.17	0.34858	0.36550	0.38393	0.40420	0.42681	0.45078	0.47652	0.50426	0.53475
4191525.17	0.35143	0.36814	0.38640	0.40638	0.42825	0.45216	0.47828	0.50674	0.53764
4191505.17	0.35532	0.37185	0.38990	0.40968	0.43139	0.45525	0.48149	0.51034	0.54199
4191485.17	0.36032	0.37675	0.39427	0.41340	0.43483	0.45893	0.48554	0.51441	0.54634
4191465.17	0.36642	0.38287	0.39995	0.41796	0.43913	0.46382	0.49103	0.51975	0.55163
4191445.17	0.37355	0.39016	0.40797	0.42709	0.44842	0.47208	0.49841	0.52697	0.55869
4191425.17	0.38164	0.39856	0.41686	0.43670	0.45757	0.48085	0.50667	0.53515	0.56670
4191405.17	0.39065	0.40800	0.42673	0.44679	0.46689	0.49008	0.51610	0.54469	0.57625
4191385.17	0.40055	0.41844	0.43774	0.45862	0.48075	0.50413	0.52946	0.55866	0.59080
4191365.17	0.41051	0.42897	0.44938	0.47146	0.49490	0.51949	0.54617	0.57643	0.60880
4191345.17	0.42073	0.43980	0.46178	0.48551	0.50989	0.53641	0.56533	0.59698	0.62964
4191325.17	0.43487	0.45487	0.47674	0.50069	0.52614	0.55383	0.58405	0.61714	0.65128
4191305.17	0.44802	0.46939	0.49225	0.51675	0.54336	0.57234	0.60401	0.63871	0.67551
4191285.17	0.45980	0.48340	0.50751	0.53310	0.56093	0.59127	0.62445	0.66086	0.70094
4191265.17	0.47075	0.49678	0.52213	0.54878	0.57777	0.60942	0.64406	0.68212	0.72407
4191245.17	0.48088	0.50754	0.53430	0.56242	0.59241	0.62516	0.66105		

								0.70051	0.74406
4191225.17	0.48894	0.51489	0.54259	0.57261	0.60329	0.63681	0.67357	0.71401	0.75867
4191205.17	0.49348	0.51788	0.54698	0.57835	0.60935	0.64325	0.68043	0.72137	0.76661
4191185.17	0.49461	0.51825	0.54740	0.57952	0.61056	0.64452	0.68181	0.72290	0.76837
4191165.17	0.49259	0.51611	0.54515	0.57685	0.60817	0.64213	0.67949	0.72072	0.76642
4191145.17	0.48877	0.51226	0.53900	0.56902	0.60340	0.63867	0.67636	0.71807	0.76442
4191125.17	0.48497	0.50868	0.53451	0.56362	0.59946	0.63691	0.67700	0.71989	0.76900
4191105.17	0.48289	0.50714	0.53363	0.56308	0.59819	0.63844	0.68197	0.72659	0.77878
4191085.17	0.48365	0.50873	0.53615	0.56623	0.60029	0.64041	0.68480	0.73075	0.78325
4191065.17	0.48753	0.51471	0.54372	0.57517	0.60980	0.64961	0.69387	0.74331	0.79759
4191045.17	0.49482	0.52413	0.55480	0.58776	0.62411	0.66436	0.71021	0.76374	0.82108
4191025.17	0.50510	0.53415	0.56678	0.60273	0.64097	0.68343	0.73077	0.78199	0.83841
4191005.17	0.51730	0.54697	0.58064	0.61785	0.65677	0.70078	0.74977	0.80035	0.85729
4190985.17	0.53016	0.56125	0.59552	0.63304	0.67177	0.71680	0.76723	0.81831	0.87824
4190965.17	0.54235	0.57482	0.61061	0.64971	0.68987	0.73627	0.78775	0.83900	0.89835
4190945.17	0.55425	0.58793	0.62488	0.66494	0.70705	0.75436	0.80551	0.85524	0.91194
4190925.17	0.56577	0.60019	0.63764	0.67823	0.72201	0.76894	0.81813	0.86459	0.91681
4190905.17	0.57916	0.61392	0.65127	0.69115	0.73347	0.77802	0.82378	0.86563	0.91212
4190885.17	0.59119	0.62543	0.66165	0.69970	0.73938	0.78040	0.82169	0.85818	0.89843
4190865.17	0.60060	0.63340	0.66755	0.70283	0.73901	0.77580	0.81140	0.84313	0.87718
4190845.17	0.60591	0.63391	0.66443	0.69601	0.72791	0.75988	0.79163	0.82106	0.85012

↑ *** AERMOD - VERSION 24142 *** *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
09/18/25
*** AERMET - VERSION 18081 *** *** ***
09:59:03

PAGE 748
*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL1 ***

INCLUDING SOURCE(S): L0000570 , L0000571 , L0000572 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 560457.30	560477.30	560497.30	560517.30	560537.30	560557.30	560577.30	560597.30	560617.30
4190825.17	0.60554	0.63107	0.65830	0.68620	0.71403	0.74156	0.76848	0.79440	0.81878
4190805.17	0.60024	0.62484	0.64945	0.67391	0.69802	0.72154	0.74409	0.76522	0.78436
4190785.17	0.59357	0.61534	0.63693	0.65816	0.67881	0.69856	0.71697	0.73354	0.74773

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL1 ***

INCLUDING SOURCE(S): L0000570 , L0000571 , L0000572 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	560637.30	560657.30	560677.30	560697.30	560717.30	560737.30	560757.30	560777.30	560797.30
4191625.17	0.50837	0.53004	0.55198	0.57494	0.60093	0.62360	0.64381	0.66227	0.67995
4191605.17	0.52742	0.55215	0.57744	0.60399	0.63426	0.66153	0.68631	0.70920	0.73035
4191585.17	0.54636	0.57448	0.60355	0.63397	0.66551	0.69650	0.72691	0.75500	0.78199
4191565.17	0.55887	0.59008	0.62270	0.65661	0.69106	0.72725	0.76401	0.79970	0.83436
4191545.17	0.56733	0.60127	0.63691	0.67370	0.71273	0.75443	0.79805	0.84209	0.88512
4191525.17	0.57107	0.60708	0.64352	0.68236	0.72942	0.77639	0.82558	0.88167	0.93406
4191505.17	0.57665	0.61447	0.65335	0.69482	0.74330	0.79655	0.85391	0.91381	0.97800
4191485.17	0.58164	0.62059	0.66214	0.70689	0.75657	0.81318	0.87593	0.94194	1.01610
4191465.17	0.58709	0.62656	0.67046	0.71824	0.76847	0.82603	0.89152	0.96842	1.04767
4191445.17	0.59406	0.63359	0.67651	0.72378	0.78092	0.84155	0.90719	0.98546	1.07432
4191425.17	0.60182	0.64111	0.68369	0.73204	0.79248	0.85556	0.92429	1.00320	1.09856
4191405.17	0.61128	0.65035	0.69419	0.74428	0.80513	0.87102	0.94410	1.02163	1.12065
4191385.17	0.62635	0.66588	0.71008	0.76049	0.82180	0.88815	0.96279	1.04693	1.15335
4191365.17	0.64438	0.68486	0.73122	0.78394	0.84423	0.91073	0.98618	1.07327	1.18257
4191345.17	0.66518	0.70711	0.75692	0.81265	0.87216	0.93960	1.01664	1.10535	1.21396
4191325.17	0.68844	0.73226	0.78432	0.84251	0.90452	0.97464	1.05542	1.15212	1.26132
4191305.17	0.71588	0.76220	0.81573	0.87567	0.94094	1.01473	1.09965		

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1.20309      1.31766
  4191285.17 |       0.74523      0.79437      0.84914      0.91046      0.97947      1.05759      1.14858
1.25727      1.37880
  4191265.17 |       0.77048      0.82206      0.87963      0.94420      1.01701      1.10234      1.20082
1.31225      1.44051
  4191245.17 |       0.79229      0.84596      0.90596      0.97335      1.04946      1.14063      1.24491
1.36047      1.49479
  4191225.17 |       0.80819      0.86335      0.92507      0.99449      1.07302      1.16630      1.27514
1.39504      1.53476
  4191205.17 |       0.81682      0.87280      0.93550      1.00612      1.08611      1.17833      1.28655
1.41424      1.55875
  4191185.17 |       0.81889      0.87528      0.93856      1.00994      1.09095      1.18554      1.29565
1.42473      1.56995
  4191165.17 |       0.81730      0.87423      0.93825      1.01065      1.09302      1.19234      1.30698
1.43554      1.57988
  4191145.17 |       0.81616      0.87419      0.93964      1.01467      1.10374      1.20368      1.31873
1.44620      1.59958
  4191125.17 |       0.82441      0.88353      0.95070      1.02762      1.11958      1.22174      1.33827
1.47264      1.63555
  4191105.17 |       0.83494      0.89872      0.96957      1.04929      1.14332      1.24757      1.36747
1.51460      1.68851
  4191085.17 |       0.84350      0.91108      0.98540      1.07033      1.16893      1.28199      1.41191
1.56643      1.74712
  4191065.17 |       0.85879      0.93043      1.00981      1.09983      1.19983      1.31406      1.44625
1.60156      1.77901
  4191045.17 |       0.88519      0.95782      1.04037      1.13332      1.23231      1.34029      1.46280
1.61015      1.77288
  4191025.17 |       0.90124      0.97545      1.05902      1.15148      1.25289      1.36658      1.48860
1.62492      1.76978
  4191005.17 |       0.92194      0.99689      1.07994      1.17137      1.27111      1.37863      1.49285
1.61196      1.73333
  4190985.17 |       0.94603      1.02018      1.10065      1.18708      1.27876      1.37457      1.47288
1.57146      1.66753
  4190965.17 |       0.96433      1.03495      1.10972      1.18790      1.26844      1.34994      1.43059
1.50817      1.58017
  4190945.17 |       0.97378      1.03842      1.10515      1.17307      1.24099      1.30746      1.37071
1.42877      1.47967
  4190925.17 |       0.97269      1.02977      1.08725      1.14419      1.19940      1.25145      1.29875
1.33978      1.37335
  4190905.17 |       0.96106      1.00994      1.05796      1.10417      1.14739      1.18632      1.21972
1.24668      1.26693
  4190885.17 |       0.94019      0.98096      1.01993      1.05612      1.08844      1.11588      1.13773
1.15380      1.16459
  4190865.17 |       0.91202      0.94512      0.97566      1.00272      1.02544      1.04326      1.05609
1.06442      1.06916
  4190845.17 |       0.87844      0.90440      0.92722      0.94617      0.96079      0.97106      0.97745
0.98084      0.98220
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

  PAGE 750
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

                              *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: HAUL1
***
                                  INCLUDING SOURCE(S):     L0000570    , L0000571    , L0000572    ,

                                   *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                        ** CONC OF PM_10    IN MICROGRAMS/M**3                          **

    Y-COORD  |                                              X-COORD (METERS)
    (METERS) |     560637.30    560657.30    560677.30    560697.30    560717.30    560737.30    560757.30
560777.30    560797.30
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -
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  4190825.17 | 0.84100   0.86037   0.87627   0.88832   0.89655   0.90141   0.90373
0.90445   0.90421
  4190805.17 | 0.80089   0.81430   0.82428   0.83086   0.83449   0.83596   0.83615
0.83571   0.83484
  4190785.17 | 0.75909   0.76736   0.77261   0.77526   0.77605   0.77580   0.77517
0.77440   0.77322
  4190765.17 | 0.71654   0.72070   0.72256   0.72279   0.72219   0.72138   0.72066
0.71981   0.71827
  4190745.17 | 0.67422   0.67543   0.67522   0.67432   0.67336   0.67263   0.67202
0.67100   0.66890
  4190725.17 | 0.63310   0.63253   0.63139   0.63028   0.62953   0.62907   0.62845
0.62702   0.62419
  4190705.17 | 0.59406   0.59272   0.59149   0.59069   0.59032   0.58999   0.58910
0.58704   0.58341
  4190685.17 | 0.55776   0.55641   0.55556   0.55523   0.55511   0.55465   0.55323
0.55041   0.54606
  4190665.17 | 0.52459   0.52368   0.52335   0.52338   0.52325   0.52237   0.52024
0.51666   0.51176
  4190645.17 | 0.49464   0.49430   0.49442   0.49453   0.49409   0.49258   0.48970
0.48549   0.48029
1 *** AERMOD - VERSION 24142 ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION 18081 ***   ***   ***
  09:59:03

  PAGE 751
 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                           *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: HAUL1
***
                               INCLUDING SOURCE(S):   L0000570   , L0000571   , L0000572   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 560817.30   560837.30   560857.30   560877.30   560897.30   560917.30   560937.30
560957.30   560977.30
 -
- - - - - - - -

  4191625.17 | 0.69507   0.70611   0.71433   0.71981   0.72292   0.72473   0.72749
0.73450   0.74885
  4191605.17 | 0.74931   0.76530   0.77712   0.78560   0.79202   0.79614   0.79995
0.80687   0.82076
  4191585.17 | 0.80728   0.82953   0.84636   0.85789   0.86904   0.87689   0.88305
0.89086   0.90480
  4191565.17 | 0.86694   0.89512   0.92036   0.94136   0.95909   0.97257   0.98231
0.98907   1.00327
  4191545.17 | 0.92649   0.96346   0.99797   1.02934   1.05586   1.07728   1.09353
1.10543   1.12240
  4191525.17 | 0.98522   1.03279   1.07857   1.12158   1.15956   1.19179   1.21831
1.24089   1.26417
  4191505.17 | 1.04219   1.10188   1.15867   1.21309   1.27034   1.31793   1.35794
1.39218   1.42458
  4191485.17 | 1.09313   1.16557   1.23864   1.31188   1.38498   1.45270   1.51347
1.56091   1.60617
  4191465.17 | 1.13104   1.21941   1.31622   1.41511   1.50048   1.59248   1.68135
1.74619   1.81010
  4191445.17 | 1.17221   1.27434   1.38519   1.50352   1.61892   1.73693   1.85495
1.96830   2.07023
  4191425.17 | 1.20696   1.32561   1.45134   1.58588   1.73803   1.89284   2.04915
2.20914   2.35629
  4191405.17 | 1.23883   1.37216   1.51324   1.66696   1.85470   2.05084   2.25361
2.46051   2.66579
  4191385.17 | 1.27800   1.41532   1.56994   1.74366   1.95323   2.18730   2.44272
2.71584   2.99918
  4191365.17 | 1.30890   1.45145   1.61741   1.80924   2.04065   2.31051   2.62050

2.96855 3.34819
4191345.17 | 1.34234 1.49242 1.66518 1.86821 2.11925 2.42169 2.78365
3.21059 3.70243
4191325.17 | 1.39041 1.54494 1.72327 1.93467 2.20041 2.52858 2.93536
3.43797 4.05098
4191305.17 | 1.45057 1.61176 1.79735 2.01751 2.29619 2.64505 3.08804
3.65639 4.38766
4191285.17 | 1.51973 1.69052 1.88767 2.11927 2.41367 2.78370 3.25887
3.88286 4.71917
4191265.17 | 1.59070 1.77298 1.98532 2.24073 2.54922 2.94273 3.45352
4.13115 5.06085
4191245.17 | 1.65373 1.84716 2.07297 2.34512 2.67708 3.10026 3.65154
4.38698 5.40773
4191225.17 | 1.70053 1.90238 2.13758 2.41798 2.77570 3.22955 3.82003
4.61300 5.72276
4191205.17 | 1.72651 1.92441 2.16960 2.47352 2.84767 3.32510 3.94432
4.74116 5.93053
4191185.17 | 1.73815 1.93563 2.18946 2.50625 2.89396 3.40089 4.06297
4.91037 6.11922
4191165.17 | 1.74877 1.96121 2.21998 2.53992 2.94200 3.48048 4.20035
5.10620 6.23125
4191145.17 | 1.78171 2.00553 2.27883 2.61646 3.03779 3.57383 4.25881
5.09611 5.97776
4191125.17 | 1.83199 2.06873 2.35601 2.70599 3.13191 3.63115 4.21634
4.86658 5.50997
4191105.17 | 1.89508 2.14104 2.43342 2.77858 3.17440 3.59860 4.01890
4.44091 4.88598
4191085.17 | 1.95544 2.18268 2.45435 2.75836 3.06195 3.38608 3.72246
4.02481 4.29228
4191065.17 | 1.97977 2.18819 2.41997 2.66829 2.89950 3.13893 3.36451
3.58518 3.74428
4191045.17 | 1.94956 2.13709 2.33038 2.52228 2.70414 2.86691 3.01772
3.16937 3.25519
4191025.17 | 1.92020 2.07185 2.21920 2.35595 2.47605 2.59258 2.69880
2.79269 2.81091
4191005.17 | 1.85345 1.96808 2.07265 2.16299 2.23610 2.31576 2.38254
2.43499 2.43033
4190985.17 | 1.75784 1.83900 1.90811 1.96329 2.00389 2.04731 2.08992
2.11826 2.11420
4190965.17 | 1.64404 1.69770 1.73995 1.77069 1.79051 1.80374 1.81826
1.85058 1.84321
4190945.17 | 1.52187 1.55462 1.57811 1.59314 1.60053 1.60072 1.60318
1.62788 1.61992
4190925.17 | 1.39900 1.41706 1.42846 1.43411 1.43447 1.42952 1.42714
1.44413 1.43449
4190905.17 | 1.28088 1.28949 1.29373 1.29410 1.29055 1.28278 1.27756
1.28929 1.27920
4190885.17 | 1.17103 1.17412 1.17440 1.17185 1.16603 1.15665 1.14782
1.15285 1.14499
4190865.17 | 1.07129 1.07143 1.06957 1.06525 1.05798 1.04767 1.03651
1.03361 1.02832
4190845.17 | 0.98216 0.98077 0.97760 0.97203 0.96376 0.95300 0.94047
0.93019 0.93021

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL1
***

INCLUDING SOURCE(S): L0000570 , L0000571 , L0000572 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

```
    Y-COORD  |                                          X-COORD (METERS)
    (METERS) |     560817.30    560837.30    560857.30    560877.30    560897.30    560917.30    560937.30
560957.30    560977.30
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

  4190825.17 |       0.90314      0.90083      0.89664      0.89007      0.88113      0.87034      0.85852
0.84667      0.84725
  4190805.17 |       0.83318      0.83008      0.82495      0.81760      0.80835      0.79789      0.78707
0.77671      0.77774
  4190785.17 |       0.77100      0.76707      0.76110      0.75322      0.74401      0.73421      0.72456
0.71568      0.71718
  4190765.17 |       0.71535      0.71058      0.70394      0.69586      0.68702      0.67811      0.66968
0.66218      0.66322
  4190745.17 |       0.66518      0.65965      0.65261      0.64466      0.63646      0.62855      0.62131
0.61502      0.61330
  4190725.17 |       0.61967      0.61359      0.60646      0.59892      0.59153      0.58466      0.57850
0.57322      0.56987
  4190705.17 |       0.57823      0.57188      0.56495      0.55803      0.55153      0.54563      0.54041
0.53597      0.53259
  4190685.17 |       0.54044      0.53410      0.52762      0.52145      0.51584      0.51080      0.50635
0.50259      0.49979
  4190665.17 |       0.50599      0.49992      0.49405      0.48868      0.48388      0.47958      0.47575
0.47254      0.47021
  4190645.17 |       0.47462      0.46902      0.46385      0.45925      0.45515      0.45145      0.44812
0.44534      0.44343
1 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

  PAGE 753
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

                            *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: HAUL1
***
                                INCLUDING SOURCE(S):     L0000570    , L0000571    , L0000572    ,

                                 *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                      ** CONC OF PM_10    IN MICROGRAMS/M**3                         **

    Y-COORD  |                                          X-COORD (METERS)
    (METERS) |     560997.30    561017.30    561037.30    561057.30    561077.30    561097.30    561117.30
561137.30    561157.30
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

  4191625.17 |       0.77143      0.80112      0.83317      0.86267      0.88852      0.90926      0.92341
0.92999      0.92931
  4191605.17 |       0.84361      0.87576      0.91010      0.94296      0.97242      0.99720      1.01585
1.02661      1.02852
  4191585.17 |       0.92879      0.96581      0.99984      1.03107      1.06925      1.09942      1.12323
1.13911      1.14449
  4191565.17 |       1.02827      1.06813      1.10544      1.13933      1.17734      1.21497      1.24911
1.27120      1.28119
  4191545.17 |       1.14872      1.18769      1.22861      1.26906      1.30985      1.35527      1.39826
1.42782      1.44387
  4191525.17 |       1.29376      1.32758      1.37426      1.42470      1.47195      1.52522      1.57720
1.61575      1.63967
  4191505.17 |       1.46213      1.50832      1.56071      1.61527      1.68028      1.73772      1.79497
1.84431      1.87840
  4191485.17 |       1.65677      1.71912      1.78618      1.85325      1.92556      1.99474      2.06432
2.12679      2.17392
  4191465.17 |       1.88151      1.96983      2.06251      2.15306      2.22126      2.30956      2.40355
2.48226      2.54607
  4191445.17 |       2.16713      2.27570      2.39541      2.51801      2.62642      2.73075      2.83927
2.93911      3.02447
  4191425.17 |       2.49683      2.64286      2.80381      2.97309      3.13236      3.27595      3.41130
```

3.55378   3.67218
  4191405.17 | 2.86836   3.07663   3.30345   3.54539   3.77835   3.98814   4.18587
4.39285   4.55337
  4191385.17 | 3.28769   3.58661   3.91160   4.26543   4.61891   4.94376   5.23728
5.51400   5.74117
  4191365.17 | 3.75150   4.17895   4.64775   5.17086   5.71868   6.26506   6.76822
7.19300   7.53658
  4191345.17 | 4.25317   4.85930   5.53720   6.31420   7.17144   8.10646   8.98943
9.76323   10.39404
  4191325.17 | 4.78156   5.63144   6.61659   7.79767   9.22799   10.73847   12.27756
13.76687   15.07386
  4191305.17 | 5.32063   6.48894   7.96507   9.80690   12.08727   14.71253   17.58646
20.67218   23.66203
  4191285.17 | 5.85566   7.40479   9.58913   12.52545   16.48974   21.47879   27.09221
33.59055   22.30749
  4191265.17 | 6.38349   8.33520   11.42634   16.24789   23.76745   14.25447   5.93723
31.03054   16.80312
  4191245.17 | 6.89845   9.22618   13.32775   20.81633   10.46949   16.95718   6.46632
10.45943   27.58251
  4191225.17 | 7.36375   9.98455   14.79646   7.66019   11.11048   17.69791   6.58323
10.03537   36.72104
  4191205.17 | 7.72906   10.45674   15.10640   7.70663   10.88778   15.93528   6.14513
8.36414   45.37850
  4191185.17 | 7.85229   10.32851   14.05464   19.67915   9.83686   12.83410   16.25274
20.57057   30.14898
  4191165.17 | 7.62625   9.56181   12.07893   15.24628   18.58974   22.10930   25.03498
25.89676   25.42066
  4191145.17 | 6.95521   8.44638   9.87633   11.17987   12.50282   13.45287   14.13012
14.54060   14.71186
  4191125.17 | 6.14924   7.10041   7.89717   8.49453   8.90288   9.17354   9.30278
9.36476   9.45114
  4191105.17 | 5.32473   5.79482   6.25905   6.61983   6.68472   6.69681   6.66587
6.61817   6.60213
  4191085.17 | 4.52231   4.76660   5.00548   5.18139   5.17620   5.15740   5.11849
5.06005   5.00653
  4191065.17 | 3.85163   3.94054   4.02201   4.08906   4.13507   4.12405   4.07756
4.03345   3.98009
  4191045.17 | 3.28682   3.29348   3.26030   3.26469   3.38758   3.38123   3.33840
3.30985   3.26765
  4191025.17 | 2.79657   2.83380   2.78481   2.70844   2.72980   2.78336   2.81581
2.78105   2.74526
  4191005.17 | 2.40424   2.42153   2.37334   2.31780   2.30366   2.35119   2.39278
2.37249   2.34708
  4190985.17 | 2.09278   2.06604   2.04002   2.02088   2.01212   2.03190   2.05240
2.04942   2.03492
  4190965.17 | 1.82058   1.79588   1.78344   1.78107   1.77676   1.77411   1.77308
1.77364   1.77354
  4190945.17 | 1.59815   1.58403   1.57607   1.57295   1.56515   1.56025   1.55873
1.56150   1.56387
  4190925.17 | 1.41665   1.41204   1.40219   1.39243   1.38120   1.38268   1.39005
1.39421   1.39092
  4190905.17 | 1.26329   1.25975   1.24822   1.23610   1.22464   1.23319   1.24906
1.25404   1.25252
  4190885.17 | 1.13440   1.12812   1.11652   1.10327   1.09917   1.11331   1.12985
1.13527   1.13503
  4190865.17 | 1.02390   1.01440   1.00224   0.99411   0.99799   1.01125   1.02805
1.03215   1.03280
  4190845.17 | 0.92976   0.91622   0.91029   0.90833   0.91262   0.92069   0.92937
0.92735   0.92712

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                           *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: HAUL1
***

INCLUDING SOURCE(S): L0000570 , L0000571 , L0000572 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	560997.30	561017.30	561037.30	561057.30	561077.30	561097.30	561117.30	561137.30	561157.30
4190825.17	0.84999	0.83677	0.82995	0.82891	0.83337	0.83975	0.84522	0.84492	0.84520
4190805.17	0.78093	0.77012	0.76149	0.75755	0.76202	0.76812	0.77456	0.77965	0.78158
4190785.17	0.72070	0.71183	0.70484	0.70195	0.70649	0.71238	0.71848	0.72332	0.72535
4190765.17	0.66480	0.65967	0.65484	0.65280	0.65734	0.66300	0.66874	0.67329	0.67535
4190745.17	0.61473	0.61351	0.61128	0.60909	0.61360	0.61901	0.62439	0.62864	0.63067
4190725.17	0.57026	0.57583	0.57584	0.57469	0.57528	0.57964	0.58466	0.58861	0.59056
4190705.17	0.53266	0.54057	0.54165	0.54120	0.54079	0.54424	0.54891	0.55255	0.55441
4190685.17	0.50017	0.50772	0.50908	0.50904	0.50961	0.51227	0.51660	0.51995	0.52169
4190665.17	0.47085	0.47807	0.47967	0.48102	0.48625	0.48800	0.48730	0.49037	0.49199
4190645.17	0.44377	0.44988	0.45210	0.45500	0.46299	0.46369	0.46064	0.46343	0.46493

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL1 ***

INCLUDING SOURCE(S): L0000570 , L0000571 , L0000572 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	561177.30	561197.30	561217.30	561237.30	561257.30	561277.30	561297.30	561317.30	561337.30
4191625.17	0.92475	0.92057	0.91882	0.91845	0.91676	0.91142	0.90142	0.88697	0.87121
4191605.17	1.02448	1.01955	1.01680	1.01545	1.01239	1.00477	0.99150	0.97308	0.95343
4191585.17	1.14145	1.13578	1.13183	1.12916	1.12410	1.11329	1.09572	1.07249	1.04849
4191565.17	1.27981	1.27352	1.26811	1.26355	1.25556	1.24037	1.21738	1.18851	1.15983
4191545.17	1.44515	1.43844	1.43116	1.42383	1.41163	1.39062	1.36100	1.32575	1.29223
4191525.17	1.64498	1.63819	1.62841	1.61703	1.59892	1.57043	1.53294	1.49063	1.45224
4191505.17	1.88964	1.88327	1.87007	1.85282	1.82668	1.78884	1.74221	1.69216	1.64874
4191485.17	2.19366	2.18842	2.16572	2.13801	2.10607	2.05891	2.00164		

1.94710 1.89338
4191465.17 | 2.57777 2.57474 2.53819 2.48941 2.45779 2.40200 2.33354
2.27043 2.20092
4191445.17 | 3.07279 3.07365 3.04773 3.00331 2.93868 2.85792 2.76815
2.67394 2.58415
4191425.17 | 3.74418 3.76248 3.72106 3.64838 3.55483 3.43925 3.31759
3.20280 3.07667
4191405.17 | 4.66220 4.67599 4.62658 4.52377 4.38511 4.22095 4.05636
3.88884 3.70215
4191385.17 | 5.89694 5.95761 5.91535 5.76784 5.55986 5.31463 5.04784
4.75975 4.46467
4191365.17 | 7.78390 7.87851 7.83328 7.61718 7.22993 6.80764 6.37343
5.91496 5.44852
4191345.17 | 10.85396 11.06550 10.86628 10.35828 9.76444 9.04912 8.28077
7.51066 6.77648
4191325.17 | 16.08658 16.63862 16.28058 15.20143 13.93372 12.49506 11.06496
9.74278 8.57239
4191305.17 | 25.86874 27.55347 27.30714 24.69282 21.16808 17.88975 15.09410
12.76844 10.87048
4191285.17 | 27.13045 23.32948 19.40073 43.60264 33.06049 25.52053 20.22444
16.30422 13.36466
4191265.17 | 13.08745 40.22460 29.87721 21.98723 48.37698 34.06896 24.99170
19.45045 15.39000
4191245.17 | 18.73589 13.73655 39.03779 27.18791 55.12445 37.94914 27.38163
20.68465 16.10775
4191225.17 | 23.33524 15.99714 40.20394 28.01423 47.67473 33.98333 25.26537
19.50623 15.39977
4191205.17 | 22.74311 46.27888 33.09185 45.56773 35.30285 27.20178 21.16235
16.96680 13.80766
4191185.17 | 43.52896 38.19235 33.44460 28.84102 24.42853 20.39719 16.98714
14.22406 11.96373
4191165.17 | 24.24561 22.60799 20.79270 18.97480 16.96555 15.10900 13.37911
11.69196 10.18295
4191145.17 | 14.61137 14.16325 13.67561 13.06485 12.13723 11.34102 10.47196
9.50691 8.54327
4191125.17 | 9.51446 9.45698 9.42791 9.26183 8.94271 8.55642 8.09131
7.61934 7.06054
4191105.17 | 6.63370 6.68214 6.74635 6.72945 6.58426 6.42705 6.24903
6.02715 5.75484
4191085.17 | 4.98111 4.98382 5.00450 5.01685 4.98129 4.93581 4.87223
4.76589 4.65896
4191065.17 | 3.93146 3.89664 3.87597 3.86405 3.85640 3.85056 3.83789
3.79332 3.76340
4191045.17 | 3.21735 3.16629 3.12160 3.08844 3.06938 3.06415 3.06190
3.05021 3.04747
4191025.17 | 2.70168 2.64898 2.59389 2.54517 2.51058 2.48470 2.47373
2.48048 2.49339
4191005.17 | 2.31177 2.26410 2.20159 2.14021 2.09568 2.05905 2.04200
2.04833 2.06307
4190985.17 | 2.00697 1.96617 1.90044 1.83148 1.78328 1.74699 1.72700
1.72289 1.73066
4190965.17 | 1.76018 1.71257 1.66360 1.60912 1.56034 1.51863 1.48964
1.47540 1.47423
4190945.17 | 1.55201 1.51412 1.46967 1.42410 1.38296 1.34217 1.30793
1.28576 1.27600
4190925.17 | 1.37776 1.35460 1.31429 1.26825 1.23945 1.20190 1.16578
1.13854 1.12186
4190905.17 | 1.24213 1.22262 1.19883 1.16859 1.12674 1.08721 1.05169
1.02209 1.00069
4190885.17 | 1.12685 1.11037 1.08833 1.06074 1.02670 0.99113 0.95771
0.92787 0.90393
4190865.17 | 1.02641 1.01252 0.98648 0.95731 0.93717 0.90910 0.87948
0.84979 0.82508
4190845.17 | 0.92243 0.91120 0.90119 0.88696 0.86407 0.84440 0.81915
0.78102 0.75619
*** AERMOD - VERSION 24142 *** *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
09/18/25
*** AERMET - VERSION 18081 *** *** ***
09:59:03

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL1 ***

INCLUDING SOURCE(S): L0000570 , L0000571 , L0000572 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	561177.30	561197.30	561217.30	561237.30	561257.30	561277.30	561297.30	561317.30	561337.30
4190825.17	0.84169	0.83238	0.82569	0.81501	0.79805	0.78073	0.75881	0.72934	0.70419
4190805.17	0.77891	0.77105	0.75839	0.74538	0.73906	0.72091	0.70000	0.68449	0.66109
4190785.17	0.72333	0.71670	0.70568	0.69417	0.68852	0.67218	0.65201	0.63121	0.61693
4190765.17	0.67385	0.66826	0.65869	0.64761	0.64124	0.62739	0.60980	0.58723	0.57572
4190745.17	0.62957	0.62487	0.61656	0.60596	0.59753	0.58603	0.57249	0.55248	0.53797
4190725.17	0.58978	0.58583	0.57863	0.56851	0.55756	0.54948	0.53985	0.52779	0.51380
4190705.17	0.55387	0.55054	0.54432	0.53538	0.52423	0.51530	0.50650	0.49784	0.48590
4190685.17	0.52134	0.51854	0.51316	0.50528	0.49528	0.48373	0.47300	0.46647	0.45827
4190665.17	0.49177	0.48942	0.48477	0.47783	0.46887	0.45836	0.44795	0.43985	0.43153
4190645.17	0.46481	0.46282	0.45880	0.45271	0.44470	0.43514	0.42507	0.41588	0.40807

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL1 ***

INCLUDING SOURCE(S): L0000570 , L0000571 , L0000572 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)		
	561357.30	561377.30	561397.30
4191625.17	0.85110	0.82811	0.80492
4191605.17	0.92954	0.90346	0.87856
4191585.17	1.02069	0.99187	0.96592
4191565.17	1.12824	1.09719	1.07085
4191545.17	1.25713	1.22438	1.19790
4191525.17	1.41392	1.37957	1.35209
4191505.17	1.60695	1.56982	1.53830
4191485.17	1.84554	1.80232	1.76049
4191465.17	2.13484	2.08385	2.02117
4191445.17	2.49905	2.42052	2.32208

4191425.17	2.95243	2.81877	2.66754
4191405.17	3.50278	3.29021	3.07121
4191385.17	4.15793	3.85016	3.56024
4191365.17	4.99228	4.56372	4.18649
4191345.17	6.10406	5.50522	4.99367
4191325.17	7.56181	6.69830	5.97732
4191305.17	9.32723	8.06644	7.04023
4191285.17	11.12137	9.37790	7.99977
4191265.17	12.44703	10.29973	8.65611
4191245.17	12.86658	10.56778	8.84231
4191225.17	12.34541	10.17465	8.54755
4191205.17	11.25028	9.37352	7.93526
4191185.17	9.98592	8.44010	7.22671
4191165.17	8.74106	7.52519	6.53910
4191145.17	7.56055	6.64750	5.89257
4191125.17	6.44767	5.81583	5.26766
4191105.17	5.42258	5.01879	4.64829
4191085.17	4.50512	4.26746	4.03259
4191065.17	3.70600	3.58389	3.45544
4191045.17	3.03526	2.98893	2.93306
4191025.17	2.50286	2.49026	2.47540
4191005.17	2.07843	2.08061	2.08661
4190985.17	1.74367	1.74977	1.76387
4190965.17	1.48105	1.48528	1.50007
4190945.17	1.27537	1.27499	1.28655
4190925.17	1.11411	1.10817	1.11469
4190905.17	0.98810	0.98176	0.98061
4190885.17	0.88709	0.87744	0.87048
4190865.17	0.80573	0.79230	0.78125
4190845.17	0.73901	0.72322	0.70914

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL1 ***

INCLUDING SOURCE(S): L0000570 , L0000571 , L0000572 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 561357.30	561377.30	561397.30
4190825.17	0.68318	0.66625	0.65025
4190805.17	0.63605	0.61888	0.60199
4190785.17	0.60109	0.58167	0.56360
4190765.17	0.56364	0.54685	0.52984
4190745.17	0.52562	0.51459	0.49939
4190725.17	0.49911	0.48381	0.47022
4190705.17	0.47263	0.45737	0.44477
4190685.17	0.44762	0.43480	0.42217
4190665.17	0.42254	0.41333	0.40253
4190645.17	0.40034	0.39223	0.38290

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL1 ***

INCLUDING SOURCE(S): L0000570 , L0000571 , L0000572 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
560122.00	4190978.00	0.25435	560142.00	4190978.00	0.26319
560162.00	4190978.00	0.27271	560182.00	4190978.00	0.28297
560202.00	4190978.00	0.29416	560222.00	4190978.00	0.30609
560242.00	4190978.00	0.31884	560262.00	4190978.00	0.33216
560102.00	4190998.00	0.24409	560122.00	4190998.00	0.25161
560142.00	4190998.00	0.26031	560162.00	4190998.00	0.26961
560182.00	4190998.00	0.27952	560202.00	4190998.00	0.29008
560222.00	4190998.00	0.30134	560242.00	4190998.00	0.31337
560262.00	4190998.00	0.32622	560282.00	4190998.00	0.34031
560302.00	4190998.00	0.35587	560322.00	4190998.00	0.37183
560102.00	4191018.00	0.24318	560122.00	4191018.00	0.25040
560142.00	4191018.00	0.25876	560162.00	4191018.00	0.26770
560182.00	4191018.00	0.27722	560202.00	4191018.00	0.28738
560222.00	4191018.00	0.29822	560242.00	4191018.00	0.30981
560262.00	4191018.00	0.32221	560282.00	4191018.00	0.33549
560302.00	4191018.00	0.34974	560322.00	4191018.00	0.36504
560342.00	4191018.00	0.38151	560362.00	4191018.00	0.39924
560382.00	4191018.00	0.41839	560402.00	4191018.00	0.43987
560102.00	4191038.00	0.24312	560122.00	4191038.00	0.25054
560142.00	4191038.00	0.25862	560162.00	4191038.00	0.26723
560182.00	4191038.00	0.27639	560202.00	4191038.00	0.28616
560222.00	4191038.00	0.29658	560242.00	4191038.00	0.30772
560262.00	4191038.00	0.31964	560282.00	4191038.00	0.33242
560302.00	4191038.00	0.34614	560322.00	4191038.00	0.36088
560342.00	4191038.00	0.37675	560362.00	4191038.00	0.39386
560382.00	4191038.00	0.41234	560402.00	4191038.00	0.43256
560422.00	4191038.00	0.45483	560442.00	4191038.00	0.47849
560462.00	4191038.00	0.50496	560082.00	4191058.00	0.23802
560102.00	4191058.00	0.24463	560122.00	4191058.00	0.25206

560142.00	4191058.00	0.25993	560162.00	4191058.00	0.26827
560182.00	4191058.00	0.27715	560202.00	4191058.00	0.28659
560222.00	4191058.00	0.29665	560242.00	4191058.00	0.30740
560262.00	4191058.00	0.31889	560282.00	4191058.00	0.33119
560302.00	4191058.00	0.34439	560322.00	4191058.00	0.35858
560342.00	4191058.00	0.37385	560362.00	4191058.00	0.39031
560382.00	4191058.00	0.40810	560402.00	4191058.00	0.42735
560422.00	4191058.00	0.44822	560442.00	4191058.00	0.47091
560462.00	4191058.00	0.49626	560082.00	4191078.00	0.24086
560102.00	4191078.00	0.24739	560122.00	4191078.00	0.25471
560142.00	4191078.00	0.26246	560162.00	4191078.00	0.27066

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL1 ***

INCLUDING SOURCE(S): L0000570 , L0000571 , L0000572 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
560182.00	4191078.00	0.27935	560202.00	4191078.00	0.28858
560222.00	4191078.00	0.29840	560242.00	4191078.00	0.30886
560262.00	4191078.00	0.32002	560282.00	4191078.00	0.33195
560302.00	4191078.00	0.34473	560322.00	4191078.00	0.35845
560342.00	4191078.00	0.37319	560362.00	4191078.00	0.38908
560382.00	4191078.00	0.40622	560402.00	4191078.00	0.42476
560422.00	4191078.00	0.44486	560442.00	4191078.00	0.46669
560462.00	4191078.00	0.49047	560482.00	4191078.00	0.51642
560502.00	4191078.00	0.54483	560082.00	4191098.00	0.24418
560102.00	4191098.00	0.25072	560122.00	4191098.00	0.25806
560142.00	4191098.00	0.26579	560162.00	4191098.00	0.27395
560182.00	4191098.00	0.28259	560202.00	4191098.00	0.29174
560222.00	4191098.00	0.30145	560242.00	4191098.00	0.31177
560262.00	4191098.00	0.32275	560282.00	4191098.00	0.33447

560302.00	4191098.00	0.34699	560322.00	4191098.00	0.36039
560342.00	4191098.00	0.37477	560362.00	4191098.00	0.39023
560382.00	4191098.00	0.40688	560402.00	4191098.00	0.42486
560422.00	4191098.00	0.44431	560442.00	4191098.00	0.46542
560462.00	4191098.00	0.48838	560482.00	4191098.00	0.51341
560502.00	4191098.00	0.54078	560522.00	4191098.00	0.57174
560062.00	4191118.00	0.24138	560082.00	4191118.00	0.24748
560102.00	4191118.00	0.25411	560122.00	4191118.00	0.26152
560142.00	4191118.00	0.26933	560162.00	4191118.00	0.27756
560182.00	4191118.00	0.28626	560202.00	4191118.00	0.29545
560222.00	4191118.00	0.30518	560242.00	4191118.00	0.31550
560262.00	4191118.00	0.32646	560282.00	4191118.00	0.33813
560302.00	4191118.00	0.35057	560322.00	4191118.00	0.36385
560342.00	4191118.00	0.37806	560362.00	4191118.00	0.39331
560382.00	4191118.00	0.40969	560402.00	4191118.00	0.42733
560422.00	4191118.00	0.44638	560442.00	4191118.00	0.46700
560462.00	4191118.00	0.48938	560482.00	4191118.00	0.51373
560502.00	4191118.00	0.54030	560522.00	4191118.00	0.57116
560062.00	4191138.00	0.24401	560082.00	4191138.00	0.25024
560102.00	4191138.00	0.25698	560122.00	4191138.00	0.26452
560142.00	4191138.00	0.27246	560162.00	4191138.00	0.28082
560182.00	4191138.00	0.28964	560202.00	4191138.00	0.29895
560222.00	4191138.00	0.30879	560242.00	4191138.00	0.31922
560262.00	4191138.00	0.33028	560282.00	4191138.00	0.34203
560302.00	4191138.00	0.35453	560322.00	4191138.00	0.36786
560342.00	4191138.00	0.38210	560362.00	4191138.00	0.39734

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL1 ***

INCLUDING SOURCE(S): L0000570 , L0000571 , L0000572 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC

560382.00	4191138.00	0.41367	560402.00	4191138.00	0.43123
560422.00	4191138.00	0.45014	560442.00	4191138.00	0.47056
560462.00	4191138.00	0.49267	560482.00	4191138.00	0.51666
560502.00	4191138.00	0.54303	560062.00	4191158.00	0.24566
560082.00	4191158.00	0.25200	560102.00	4191158.00	0.25886
560122.00	4191158.00	0.26653	560142.00	4191158.00	0.27460
560162.00	4191158.00	0.28310	560182.00	4191158.00	0.29206
560202.00	4191158.00	0.30151	560222.00	4191158.00	0.31151
560242.00	4191158.00	0.32209	560262.00	4191158.00	0.33330
560282.00	4191158.00	0.34520	560302.00	4191158.00	0.35785
560322.00	4191158.00	0.37132	560342.00	4191158.00	0.38570
560362.00	4191158.00	0.40106	560382.00	4191158.00	0.41750
560402.00	4191158.00	0.43515	560422.00	4191158.00	0.45413
560442.00	4191158.00	0.47459	560462.00	4191158.00	0.49669
560482.00	4191158.00	0.52063	560502.00	4191158.00	0.55018
560062.00	4191178.00	0.24567	560082.00	4191178.00	0.25229
560102.00	4191178.00	0.25941	560122.00	4191178.00	0.26718
560142.00	4191178.00	0.27535	560162.00	4191178.00	0.28395
560182.00	4191178.00	0.29302	560202.00	4191178.00	0.30259
560222.00	4191178.00	0.31270	560242.00	4191178.00	0.32341
560322.00	4191178.00	0.37320	560342.00	4191178.00	0.38773
560362.00	4191178.00	0.40324	560382.00	4191178.00	0.41984
560402.00	4191178.00	0.43764	560422.00	4191178.00	0.45676
560442.00	4191178.00	0.47735	560462.00	4191178.00	0.49957
560482.00	4191178.00	0.52362	560502.00	4191178.00	0.55453
560062.00	4191198.00	0.24407	560082.00	4191198.00	0.25108
560102.00	4191198.00	0.25850	560122.00	4191198.00	0.26629
560142.00	4191198.00	0.27449	560162.00	4191198.00	0.28313
560182.00	4191198.00	0.29224	560202.00	4191198.00	0.30185
560222.00	4191198.00	0.31201	560362.00	4191198.00	0.40299
560382.00	4191198.00	0.41967	560402.00	4191198.00	0.43754
560422.00	4191198.00	0.45674	560442.00	4191198.00	0.47741
560462.00	4191198.00	0.49973	560482.00	4191198.00	0.52400
560042.00	4191218.00	0.23528	560062.00	4191218.00	0.24177

560082.00	4191218.00	0.24877	560102.00	4191218.00	0.25615
560122.00	4191218.00	0.26390	560142.00	4191218.00	0.27205
560162.00	4191218.00	0.28064	560182.00	4191218.00	0.28970
560202.00	4191218.00	0.29927	560222.00	4191218.00	0.30938
560342.00	4191218.00	0.38441	560362.00	4191218.00	0.39992
560382.00	4191218.00	0.41652	560402.00	4191218.00	0.43431

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL1 ***

INCLUDING SOURCE(S): L0000570 , L0000571 , L0000572 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
560422.00	4191218.00	0.45341	560442.00	4191218.00	0.47397
560462.00	4191218.00	0.49689	560482.00	4191218.00	0.52264
560082.00	4191238.00	0.24529	560102.00	4191238.00	0.25255
560122.00	4191238.00	0.26019	560142.00	4191238.00	0.26823
560162.00	4191238.00	0.27669	560182.00	4191238.00	0.28562
560202.00	4191238.00	0.29505	560222.00	4191238.00	0.30501
560342.00	4191238.00	0.37891	560362.00	4191238.00	0.39418
560382.00	4191238.00	0.41052	560402.00	4191238.00	0.42802
560422.00	4191238.00	0.44682	560442.00	4191238.00	0.46704
560462.00	4191238.00	0.49022	560182.00	4191258.00	0.28035
560202.00	4191258.00	0.28956	560322.00	4191258.00	0.35748
560342.00	4191258.00	0.37142	560362.00	4191258.00	0.38631
560382.00	4191258.00	0.40223	560402.00	4191258.00	0.41928
560422.00	4191258.00	0.43758	560442.00	4191258.00	0.45736
560462.00	4191258.00	0.48049	560322.00	4191278.00	0.34914
560342.00	4191278.00	0.36265	560362.00	4191278.00	0.37706
560382.00	4191278.00	0.39246	560402.00	4191278.00	0.40894
560422.00	4191278.00	0.42663	560442.00	4191278.00	0.44698
559982.00	4191298.00	0.20192	560002.00	4191298.00	0.20690

560022.00	4191298.00	0.21243	560042.00	4191298.00	0.21825
560062.00	4191298.00	0.22435	560302.00	4191298.00	0.32802
560322.00	4191298.00	0.34026	560342.00	4191298.00	0.35329
560362.00	4191298.00	0.36718	560382.00	4191298.00	0.38201
560402.00	4191298.00	0.39788	560422.00	4191298.00	0.41489
560442.00	4191298.00	0.43558	559962.00	4191318.00	0.19255
559982.00	4191318.00	0.19719	560002.00	4191318.00	0.20236
560022.00	4191318.00	0.20776	560042.00	4191318.00	0.21341
560062.00	4191318.00	0.21932	560082.00	4191318.00	0.22552
560102.00	4191318.00	0.23203	560122.00	4191318.00	0.23885
560142.00	4191318.00	0.24603	560162.00	4191318.00	0.25358
560302.00	4191318.00	0.31955	560322.00	4191318.00	0.33134
560342.00	4191318.00	0.34389	560362.00	4191318.00	0.35726
560382.00	4191318.00	0.37153	560402.00	4191318.00	0.38678
560422.00	4191318.00	0.40311	559962.00	4191338.00	0.18846
559982.00	4191338.00	0.19298	560002.00	4191338.00	0.19799
560022.00	4191338.00	0.20324	560042.00	4191338.00	0.20872
560062.00	4191338.00	0.21446	560082.00	4191338.00	0.22047
560102.00	4191338.00	0.22677	560122.00	4191338.00	0.23339
560142.00	4191338.00	0.24034	560162.00	4191338.00	0.24765
560182.00	4191338.00	0.25534	560202.00	4191338.00	0.26344

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL1
***

INCLUDING SOURCE(S): L0000570 , L0000571 , L0000572 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
560222.00	4191338.00	0.27199	560242.00	4191338.00	0.28101
560302.00	4191338.00	0.31137	560322.00	4191338.00	0.32274
560342.00	4191338.00	0.33483	560362.00	4191338.00	0.34770
560382.00	4191338.00	0.36143	560402.00	4191338.00	0.37609

560422.00	4191338.00	0.39179	559962.00	4191358.00	0.18460
559982.00	4191358.00	0.18899	560002.00	4191358.00	0.19386
560022.00	4191358.00	0.19896	560042.00	4191358.00	0.20428
560062.00	4191358.00	0.20986	560082.00	4191358.00	0.21569
560102.00	4191358.00	0.22181	560122.00	4191358.00	0.22822
560142.00	4191358.00	0.23496	560162.00	4191358.00	0.24204
560182.00	4191358.00	0.24948	560202.00	4191358.00	0.25733
560222.00	4191358.00	0.26560	560242.00	4191358.00	0.27432
560262.00	4191358.00	0.28355	560282.00	4191358.00	0.29331
560302.00	4191358.00	0.30365	560322.00	4191358.00	0.31462
560342.00	4191358.00	0.32627	560362.00	4191358.00	0.33868
560382.00	4191358.00	0.35243	560402.00	4191358.00	0.36690
559962.00	4191378.00	0.18099	559982.00	4191378.00	0.18526
560002.00	4191378.00	0.19000	560022.00	4191378.00	0.19496
560042.00	4191378.00	0.20013	560062.00	4191378.00	0.20555
560082.00	4191378.00	0.21122	560102.00	4191378.00	0.21715
560122.00	4191378.00	0.22338	560142.00	4191378.00	0.22991
560162.00	4191378.00	0.23678	560182.00	4191378.00	0.24400
560202.00	4191378.00	0.25160	560222.00	4191378.00	0.25960
560242.00	4191378.00	0.26805	560262.00	4191378.00	0.27698
560282.00	4191378.00	0.28643	560302.00	4191378.00	0.29650
560322.00	4191378.00	0.30716	560342.00	4191378.00	0.31847
559982.00	4191398.00	0.18178	560002.00	4191398.00	0.18640
560022.00	4191398.00	0.19122	560042.00	4191398.00	0.19626
560062.00	4191398.00	0.20152	560082.00	4191398.00	0.20703
560102.00	4191398.00	0.21280	560122.00	4191398.00	0.21885
560142.00	4191398.00	0.22519	560162.00	4191398.00	0.23185
560182.00	4191398.00	0.23886	560202.00	4191398.00	0.24623
560222.00	4191398.00	0.25399	560242.00	4191398.00	0.26218
560262.00	4191398.00	0.27083	560282.00	4191398.00	0.28029
559982.00	4191418.00	0.17879	560002.00	4191418.00	0.18330
560022.00	4191418.00	0.18783	560042.00	4191418.00	0.19261
560062.00	4191418.00	0.19773	560082.00	4191418.00	0.20309
560102.00	4191418.00	0.20870	560122.00	4191418.00	0.21457

560142.00	4191418.00	0.22074	560162.00	4191418.00	0.22721
560182.00	4191418.00	0.23401	560202.00	4191418.00	0.24117

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL1 ***

INCLUDING SOURCE(S): L0000570 , L0000571 , L0000572 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
560222.00	4191418.00	0.24871	560242.00	4191418.00	0.25666
560262.00	4191418.00	0.26505	560002.00	4191438.00	0.18054
560022.00	4191438.00	0.18472	560042.00	4191438.00	0.18920
560062.00	4191438.00	0.19413	560082.00	4191438.00	0.19935
560102.00	4191438.00	0.20480	560122.00	4191438.00	0.21052
560142.00	4191438.00	0.21652	560162.00	4191438.00	0.22281
560182.00	4191438.00	0.22943	560202.00	4191438.00	0.23639
560222.00	4191438.00	0.24372	560242.00	4191438.00	0.25146
560262.00	4191438.00	0.25967	560042.00	4191458.00	0.18658
560062.00	4191458.00	0.19075	560082.00	4191458.00	0.19577
560102.00	4191458.00	0.20108	560122.00	4191458.00	0.20666
560142.00	4191458.00	0.21250	560162.00	4191458.00	0.21863
560182.00	4191458.00	0.22508	560202.00	4191458.00	0.23187
560222.00	4191458.00	0.23902	560242.00	4191458.00	0.24657
560262.00	4191458.00	0.25512	560142.00	4191478.00	0.20917
560162.00	4191478.00	0.21505	560182.00	4191478.00	0.22137
560202.00	4191478.00	0.22778	560222.00	4191478.00	0.23462
560242.00	4191478.00	0.24200	560155.00	4190663.00	0.34123
560175.00	4190663.00	0.35274	560115.00	4190683.00	0.31701
560135.00	4190683.00	0.32833	560155.00	4190683.00	0.33949
560175.00	4190683.00	0.35180	560095.00	4190703.00	0.30122
560115.00	4190703.00	0.31297	560135.00	4190703.00	0.32468
560155.00	4190703.00	0.33637	560175.00	4190703.00	0.34933

560095.00	4190723.00	0.29636	560115.00	4190723.00	0.30816
560135.00	4190723.00	0.32005	560155.00	4190723.00	0.33207
560175.00	4190723.00	0.34547	560195.00	4190723.00	0.35938
560095.00	4190743.00	0.29124	560115.00	4190743.00	0.30290
560135.00	4190743.00	0.31477	560155.00	4190743.00	0.32688
560175.00	4190743.00	0.34050	560195.00	4190743.00	0.35475
560075.00	4190763.00	0.27546	560095.00	4190763.00	0.28614
560115.00	4190763.00	0.29753	560135.00	4190763.00	0.30919
560155.00	4190763.00	0.32119	560175.00	4190763.00	0.33476
560195.00	4190763.00	0.34911	560215.00	4190763.00	0.36420
560075.00	4190783.00	0.27100	560095.00	4190783.00	0.28130
560115.00	4190783.00	0.29231	560135.00	4190783.00	0.30363
560155.00	4190783.00	0.31534	560175.00	4190783.00	0.32867
560195.00	4190783.00	0.34286	560215.00	4190783.00	0.35795
560235.00	4190783.00	0.37394	560075.00	4190803.00	0.26692
560095.00	4190803.00	0.27683	560115.00	4190803.00	0.28743
560135.00	4190803.00	0.29833	560155.00	4190803.00	0.30965

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL1 ***

INCLUDING SOURCE(S): L0000570 , L0000571 , L0000572 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
560175.00	4190803.00	0.32258	560195.00	4190803.00	0.33643
560215.00	4190803.00	0.35124	560235.00	4190803.00	0.36706
560255.00	4190803.00	0.38383	560275.00	4190803.00	0.40154
560075.00	4190823.00	0.26317	560095.00	4190823.00	0.27273
560115.00	4190823.00	0.28294	560135.00	4190823.00	0.29368
560155.00	4190823.00	0.30500	560175.00	4190823.00	0.31700
560195.00	4190823.00	0.33016	560215.00	4190823.00	0.34453
560235.00	4190823.00	0.35995	560255.00	4190823.00	0.37649

560275.00	4190823.00	0.39420	560295.00	4190823.00	0.41311
560315.00	4190823.00	0.43282	560115.00	4190843.00	0.27880
560135.00	4190843.00	0.28926	560155.00	4190843.00	0.30034
560175.00	4190843.00	0.31193	560195.00	4190843.00	0.32448
560215.00	4190843.00	0.33812	560235.00	4190843.00	0.35301
560255.00	4190843.00	0.36904	560275.00	4190843.00	0.38630
560295.00	4190843.00	0.40487	560315.00	4190843.00	0.42480
560335.00	4190843.00	0.44616	560195.00	4190863.00	0.31960
560215.00	4190863.00	0.33218	560235.00	4190863.00	0.34650
560255.00	4190863.00	0.36193	560275.00	4190863.00	0.37859
560295.00	4190863.00	0.39658	560315.00	4190863.00	0.41600
560335.00	4190863.00	0.43695	560075.00	4190883.00	0.25256
560095.00	4190883.00	0.26151	560115.00	4190883.00	0.27097
560255.00	4190883.00	0.35532	560275.00	4190883.00	0.37134
560295.00	4190883.00	0.38864	560315.00	4190883.00	0.40738
560335.00	4190883.00	0.42767			

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL2 ***

INCLUDING SOURCE(S): L0000573 , L0000574 , L0000575 , L0000576 , L0000577 , L0000578 , L0000579 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 559917.30	559937.30	559957.30	559977.30	559997.30	560017.30	560037.30	560057.30	560077.30
4191625.17	0.11142	0.11382	0.11629	0.11885	0.12150	0.12423	0.12705	0.12996	0.13296
4191605.17	0.11200	0.11442	0.11692	0.11950	0.12217	0.12493	0.12779	0.13077	0.13382
4191585.17	0.11260	0.11505	0.11757	0.12019	0.12290	0.12569	0.12857	0.13155	0.13469
4191565.17	0.11324	0.11571	0.11826	0.12092	0.12368	0.12651	0.12943	0.13242	0.13559
4191545.17	0.11393	0.11644	0.11902	0.12169	0.12444	0.12731	0.13028	0.13333	0.13652
4191525.17	0.11467	0.11721	0.11980	0.12249	0.12525	0.12816	0.13116	0.13427	0.13749
4191505.17	0.11545	0.11801	0.12062	0.12333	0.12613	0.12905	0.13208		

0.13522 0.13848
4191485.17 | 0.11630 0.11887 0.12150 0.12422 0.12705 0.12999 0.13305
0.13620 0.13947
4191465.17 | 0.11721 0.11980 0.12244 0.12518 0.12803 0.13100 0.13407
0.13707 0.14027
4191445.17 | 0.11820 0.12077 0.12343 0.12618 0.12905 0.13199 0.13499
0.13810 0.14142
4191425.17 | 0.11928 0.12183 0.12446 0.12719 0.13007 0.13299 0.13602
0.13927 0.14265
4191405.17 | 0.12045 0.12302 0.12560 0.12824 0.13113 0.13415 0.13729
0.14056 0.14398
4191385.17 | 0.12160 0.12429 0.12690 0.12955 0.13246 0.13550 0.13866
0.14197 0.14541
4191365.17 | 0.12289 0.12565 0.12830 0.13098 0.13391 0.13697 0.14016
0.14348 0.14696
4191345.17 | 0.12435 0.12715 0.12982 0.13251 0.13547 0.13855 0.14177
0.14512 0.14863
4191325.17 | 0.12592 0.12874 0.13144 0.13416 0.13714 0.14026 0.14350
0.14689 0.15043
4191305.17 | 0.12757 0.13037 0.13316 0.13600 0.13896 0.14207 0.14535
0.14878 0.15235
4191285.17 | 0.12927 0.13198 0.13493 0.13798 0.14087 0.14399 0.14730
0.15077 0.15438
4191265.17 | 0.13105 0.13381 0.13671 0.13975 0.14279 0.14598 0.14934
0.15285 0.15651
4191245.17 | 0.13288 0.13568 0.13858 0.14161 0.14475 0.14802 0.15143
0.15498 0.15869
4191225.17 | 0.13471 0.13756 0.14051 0.14358 0.14677 0.15008 0.15354
0.15714 0.16090
4191205.17 | 0.13654 0.13942 0.14242 0.14557 0.14898 0.15238 0.15587
0.15934 0.16310
4191185.17 | 0.13832 0.14125 0.14436 0.14763 0.15102 0.15447 0.15801
0.16160 0.16534
4191165.17 | 0.14004 0.14301 0.14624 0.14961 0.15294 0.15641 0.16002
0.16378 0.16755
4191145.17 | 0.14168 0.14468 0.14785 0.15120 0.15472 0.15826 0.16191
0.16572 0.16953
4191125.17 | 0.14322 0.14626 0.14942 0.15274 0.15638 0.15999 0.16369
0.16754 0.17139
4191105.17 | 0.14465 0.14773 0.15092 0.15427 0.15796 0.16161 0.16535
0.16924 0.17314
4191085.17 | 0.14618 0.14912 0.15231 0.15570 0.15943 0.16311 0.16689
0.17083 0.17478
4191065.17 | 0.14738 0.15038 0.15360 0.15703 0.16079 0.16452 0.16834
0.17233 0.17632
4191045.17 | 0.14834 0.15151 0.15480 0.15827 0.16208 0.16584 0.16971
0.17374 0.17783
4191025.17 | 0.14940 0.15261 0.15594 0.15945 0.16330 0.16711 0.17103
0.17511 0.17935
4191005.17 | 0.15041 0.15365 0.15702 0.16057 0.16447 0.16833 0.17231
0.17650 0.18081
4190985.17 | 0.15137 0.15466 0.15808 0.16168 0.16563 0.16954 0.17359
0.17787 0.18226
4190965.17 | 0.15232 0.15565 0.15912 0.16277 0.16677 0.17074 0.17486
0.17920 0.18367
4190945.17 | 0.15325 0.15663 0.16015 0.16386 0.16792 0.17199 0.17618
0.18055 0.18508
4190925.17 | 0.15419 0.15762 0.16119 0.16496 0.16908 0.17324 0.17748
0.18190 0.18652
4190905.17 | 0.15513 0.15862 0.16224 0.16606 0.17025 0.17448 0.17878
0.18327 0.18796
4190885.17 | 0.15609 0.15963 0.16331 0.16718 0.17134 0.17570 0.18010
0.18466 0.18942
4190865.17 | 0.15705 0.16064 0.16437 0.16826 0.17232 0.17688 0.18141
0.18605 0.19089
4190845.17 | 0.15802 0.16166 0.16545 0.16939 0.17351 0.17814 0.18274
0.18744 0.19236

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                          *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: HAUL2
***
                              INCLUDING SOURCE(S):   L0000573   , L0000574   , L0000575   , L0000576   ,
L0000577   ,
               L0000578   , L0000579   ,

                               *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                    ** CONC OF PM_10   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 559917.30   559937.30   559957.30   559977.30   559997.30   560017.30   560037.30
560057.30   560077.30
 -
- - - - - - - -

  4190825.17 | 0.15899   0.16268   0.16652   0.17052   0.17483   0.17941   0.18406
0.18884   0.19384
  4190805.17 | 0.15996   0.16370   0.16759   0.17173   0.17618   0.18067   0.18532
0.19024   0.19532
  4190785.17 | 0.16096   0.16493   0.16891   0.17303   0.17723   0.18168   0.18647
0.19164   0.19681
  4190765.17 | 0.16202   0.16593   0.16994   0.17409   0.17829   0.18279   0.18771
0.19305   0.19832
  4190745.17 | 0.16307   0.16677   0.17074   0.17498   0.17941   0.18404   0.18904
0.19447   0.19984
  4190725.17 | 0.16383   0.16770   0.17178   0.17608   0.18059   0.18529   0.19033
0.19582   0.20135
  4190705.17 | 0.16462   0.16862   0.17281   0.17718   0.18176   0.18655   0.19162
0.19707   0.20284
  4190685.17 | 0.16551   0.16958   0.17383   0.17828   0.18293   0.18779   0.19289
0.19823   0.20426
  4190665.17 | 0.16640   0.17053   0.17485   0.17936   0.18408   0.18903   0.19420
0.19962   0.20573
  4190645.17 | 0.16727   0.17147   0.17585   0.18044   0.18523   0.19024   0.19549
0.20098   0.20716

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                          *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: HAUL2
***
                              INCLUDING SOURCE(S):   L0000573   , L0000574   , L0000575   , L0000576   ,
L0000577   ,
               L0000578   , L0000579   ,

                               *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                    ** CONC OF PM_10   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 560097.30   560117.30   560137.30   560157.30   560177.30   560197.30   560217.30
560237.30   560257.30
 -
- - - - - - - -

  4191625.17 | 0.13605   0.13924   0.14253   0.14594   0.14945   0.15309   0.15684
0.16073   0.16474
  4191605.17 | 0.13697   0.14022   0.14358   0.14705   0.15064   0.15435   0.15819

0.16217 0.16628
4191585.17 | 0.13790 0.14121 0.14463 0.14817 0.15183 0.15562 0.15954
0.16361 0.16782
4191565.17 | 0.13885 0.14220 0.14567 0.14927 0.15300 0.15688 0.16090
0.16505 0.16936
4191545.17 | 0.13983 0.14323 0.14675 0.15039 0.15419 0.15817 0.16227
0.16651 0.17091
4191525.17 | 0.14083 0.14430 0.14788 0.15158 0.15544 0.15949 0.16366
0.16799 0.17248
4191505.17 | 0.14187 0.14538 0.14903 0.15280 0.15673 0.16076 0.16487
0.16928 0.17394
4191485.17 | 0.14290 0.14646 0.15012 0.15387 0.15786 0.16190 0.16609
0.17056 0.17544
4191465.17 | 0.14372 0.14731 0.15105 0.15494 0.15898 0.16319 0.16757
0.17213 0.17707
4191445.17 | 0.14491 0.14855 0.15234 0.15628 0.16038 0.16466 0.16912
0.17376 0.17865
4191425.17 | 0.14618 0.14986 0.15369 0.15769 0.16185 0.16620 0.17072
0.17545 0.18038
4191405.17 | 0.14754 0.15126 0.15514 0.15918 0.16340 0.16781 0.17241
0.17721 0.18223
4191385.17 | 0.14901 0.15276 0.15668 0.16077 0.16505 0.16952 0.17419
0.17907 0.18417
4191365.17 | 0.15059 0.15438 0.15834 0.16248 0.16681 0.17134 0.17608
0.18103 0.18622
4191345.17 | 0.15229 0.15612 0.16012 0.16431 0.16869 0.17328 0.17808
0.18312 0.18839
4191325.17 | 0.15413 0.15799 0.16204 0.16627 0.17071 0.17535 0.18022
0.18533 0.19068
4191305.17 | 0.15609 0.16000 0.16409 0.16837 0.17285 0.17756 0.18249
0.18767 0.19310
4191285.17 | 0.15816 0.16211 0.16625 0.17058 0.17512 0.17988 0.18488
0.19012 0.19564
4191265.17 | 0.16033 0.16433 0.16851 0.17290 0.17749 0.18231 0.18737
0.19268 0.19827
4191245.17 | 0.16256 0.16661 0.17084 0.17528 0.17993 0.18480 0.18992
0.19530 0.20096
4191225.17 | 0.16482 0.16892 0.17321 0.17770 0.18240 0.18733 0.19251
0.19796 0.20368
4191205.17 | 0.16707 0.17123 0.17557 0.18011 0.18487 0.18986 0.19510
0.20060 0.20639
4191185.17 | 0.16928 0.17348 0.17788 0.18247 0.18729 0.19233 0.19763
0.20319 0.20904
4191165.17 | 0.17141 0.17566 0.18011 0.18476 0.18962 0.19473 0.20008
0.20570 0.21161
4191145.17 | 0.17343 0.17774 0.18223 0.18694 0.19186 0.19702 0.20243
0.20811 0.21408
4191125.17 | 0.17534 0.17970 0.18425 0.18900 0.19398 0.19919 0.20466
0.21041 0.21644
4191105.17 | 0.17713 0.18154 0.18614 0.19095 0.19599 0.20126 0.20679
0.21260 0.21871
4191085.17 | 0.17882 0.18327 0.18793 0.19280 0.19790 0.20324 0.20884
0.21473 0.22091
4191065.17 | 0.18041 0.18492 0.18964 0.19457 0.19974 0.20515 0.21083
0.21680 0.22307
4191045.17 | 0.18194 0.18651 0.19129 0.19629 0.20153 0.20702 0.21279
0.21884 0.22522
4191025.17 | 0.18370 0.18811 0.19291 0.19799 0.20331 0.20888 0.21474
0.22090 0.22737
4191005.17 | 0.18527 0.18970 0.19452 0.19968 0.20509 0.21076 0.21671
0.22298 0.22957
4190985.17 | 0.18673 0.19124 0.19614 0.20139 0.20688 0.21265 0.21872
0.22516 0.23187
4190965.17 | 0.18833 0.19309 0.19800 0.20312 0.20871 0.21477 0.22120
0.22787 0.23476
4190945.17 | 0.18983 0.19478 0.19991 0.20527 0.21098 0.21704 0.22346
0.23013 0.23713
4190925.17 | 0.19134 0.19640 0.20169 0.20723 0.21305 0.21917 0.22559
0.23236 0.23949

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  4190905.17 |       0.19287      0.19801      0.20339      0.20903      0.21495      0.22118      0.22772
0.23457      0.24180
  4190885.17 |       0.19441      0.19963      0.20510      0.21084      0.21687      0.22321      0.22985
0.23678      0.24415
  4190865.17 |       0.19596      0.20127      0.20682      0.21260      0.21881      0.22524      0.23192
0.23907      0.24662
  4190845.17 |       0.19751      0.20291      0.20858      0.21451      0.22073      0.22726      0.23413
0.24143      0.24914
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                  ***
  09:59:03

  PAGE 769
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

                            *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: HAUL2
***
                                INCLUDING SOURCE(S):     L0000573    , L0000574    , L0000575    , L0000576    ,
L0000577    ,
                L0000578    , L0000579    ,

                                 *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                      ** CONC OF PM_10    IN MICROGRAMS/M**3                          **

    Y-COORD  |                                          X-COORD (METERS)
    (METERS) |     560097.30    560117.30    560137.30    560157.30    560177.30    560197.30    560217.30
560237.30    560257.30
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

  4190825.17 |       0.19907      0.20457      0.21033      0.21636      0.22265      0.22932      0.23638
0.24383      0.25170
  4190805.17 |       0.20065      0.20624      0.21208      0.21815      0.22464      0.23147      0.23867
0.24627      0.25430
  4190785.17 |       0.20224      0.20793      0.21388      0.22006      0.22667      0.23364      0.24098
0.24873      0.25677
  4190765.17 |       0.20384      0.20964      0.21570      0.22200      0.22874      0.23583      0.24331
0.25106      0.25910
  4190745.17 |       0.20546      0.21136      0.21753      0.22395      0.23080      0.23803      0.24559
0.25316      0.26142
  4190725.17 |       0.20709      0.21309      0.21937      0.22589      0.23286      0.24020      0.24787
0.25555      0.26390
  4190705.17 |       0.20871      0.21482      0.22119      0.22781      0.23488      0.24222      0.24986
0.25776      0.26627
  4190685.17 |       0.21031      0.21651      0.22297      0.22967      0.23683      0.24408      0.25157
0.25982      0.26848
  4190665.17 |       0.21188      0.21815      0.22469      0.23145      0.23867      0.24598      0.25351
0.26180      0.27049
  4190645.17 |       0.21339      0.21972      0.22631      0.23313      0.24039      0.24773      0.25528
0.26359      0.27228
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                  ***
  09:59:03

  PAGE 770
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

                            *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: HAUL2
***
                                INCLUDING SOURCE(S):     L0000573    , L0000574    , L0000575    , L0000576    ,
L0000577    ,
                L0000578    , L0000579    ,

                                 *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                      ** CONC OF PM_10    IN MICROGRAMS/M**3                          **
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Y-COORD (METERS)	X-COORD (METERS)							
	560277.30	560297.30	560317.30	560337.30	560357.30	560377.30	560397.30	560417.30	560437.30
4191625.17	0.16890	0.17321	0.17767	0.18228	0.18673	0.19146	0.19656	0.20184	0.20729
4191605.17	0.17055	0.17496	0.17955	0.18429	0.18910	0.19397	0.19904	0.20451	0.21018
4191585.17	0.17218	0.17671	0.18141	0.18629	0.19136	0.19651	0.20154	0.20720	0.21308
4191565.17	0.17383	0.17846	0.18328	0.18829	0.19349	0.19889	0.20449	0.21035	0.21646
4191545.17	0.17548	0.18023	0.18516	0.19029	0.19563	0.20119	0.20699	0.21303	0.21933
4191525.17	0.17715	0.18201	0.18706	0.19231	0.19779	0.20349	0.20944	0.21565	0.22214
4191505.17	0.17881	0.18381	0.18898	0.19436	0.19997	0.20582	0.21193	0.21830	0.22497
4191485.17	0.18048	0.18565	0.19094	0.19645	0.20219	0.20819	0.21445	0.22100	0.22785
4191465.17	0.18225	0.18753	0.19295	0.19858	0.20446	0.21060	0.21702	0.22374	0.23078
4191445.17	0.18388	0.18946	0.19500	0.20076	0.20678	0.21307	0.21966	0.22655	0.23377
4191425.17	0.18562	0.19140	0.19711	0.20301	0.20917	0.21562	0.22236	0.22943	0.23685
4191405.17	0.18753	0.19333	0.19925	0.20533	0.21163	0.21823	0.22515	0.23240	0.24002
4191385.17	0.18951	0.19521	0.20116	0.20740	0.21382	0.22070	0.22791	0.23534	0.24323
4191365.17	0.19165	0.19734	0.20330	0.20955	0.21610	0.22318	0.23060	0.23820	0.24645
4191345.17	0.19392	0.19971	0.20579	0.21216	0.21886	0.22589	0.23327	0.24105	0.24962
4191325.17	0.19630	0.20220	0.20839	0.21489	0.22173	0.22891	0.23648	0.24444	0.25343
4191305.17	0.19881	0.20480	0.21111	0.21774	0.22471	0.23205	0.23979	0.24794	0.25716
4191285.17	0.20143	0.20752	0.21393	0.22068	0.22779	0.23528	0.24318	0.25152	0.26068
4191265.17	0.20414	0.21033	0.21684	0.22370	0.23094	0.23857	0.24664	0.25515	0.26425
4191245.17	0.20692	0.21319	0.21979	0.22676	0.23412	0.24189	0.25010	0.25878	0.26797
4191225.17	0.20971	0.21606	0.22276	0.22982	0.23728	0.24517	0.25352	0.26235	0.27172
4191205.17	0.21249	0.21891	0.22568	0.23284	0.24040	0.24839	0.25686	0.26583	0.27534
4191185.17	0.21520	0.22170	0.22854	0.23578	0.24342	0.25151	0.26009	0.26918	0.27883
4191165.17	0.21784	0.22439	0.23131	0.23862	0.24635	0.25453	0.26320	0.27240	0.28218
4191145.17	0.22037	0.22699	0.23398	0.24136	0.24917	0.25743	0.26620	0.27551	0.28540
4191125.17	0.22280	0.22949	0.23655	0.24401	0.25190	0.26026	0.26913	0.27854	0.28856
4191105.17	0.22514	0.23191	0.23906	0.24660	0.25459	0.26305	0.27202	0.28155	0.29170
4191085.17	0.22742	0.23428	0.24152	0.24917	0.25726	0.26583	0.27493	0.28460	0.29489
4191065.17	0.22967	0.23663	0.24398	0.25174	0.25995	0.26865	0.27789	0.28771	0.29816
4191045.17	0.23192	0.23900	0.24646	0.25435	0.26270	0.27154	0.28093	0.29091	0.30154
4191025.17	0.23420	0.24139	0.24898	0.25701	0.26551	0.27451	0.28418	0.29483	0.30576

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  4191005.17 |       0.23651      0.24406      0.25188      0.26007      0.26875      0.27810      0.28801
0.29869      0.30984
  4190985.17 |       0.23902      0.24686      0.25487      0.26323      0.27210      0.28168      0.29177
0.30242      0.31377
  4190965.17 |       0.24201      0.24967      0.25775      0.26630      0.27535      0.28498      0.29522
0.30610      0.31771
  4190945.17 |       0.24451      0.25230      0.26054      0.26926      0.27851      0.28833      0.29878
0.30986      0.32170
  4190925.17 |       0.24701      0.25496      0.26336      0.27227      0.28172      0.29176      0.30242
0.31361      0.32564
  4190905.17 |       0.24947      0.25757      0.26615      0.27523      0.28488      0.29514      0.30605
0.31759      0.32995
  4190885.17 |       0.25196      0.26023      0.26898      0.27827      0.28812      0.29860      0.30976
0.32165      0.33435
  4190865.17 |       0.25460      0.26305      0.27199      0.28148      0.29156      0.30227      0.31368
0.32583      0.33879
  4190845.17 |       0.25729      0.26591      0.27506      0.28475      0.29505      0.30599      0.31763
0.33002      0.34323
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

  PAGE 771
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

                           *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: HAUL2
***
                               INCLUDING SOURCE(S):     L0000573    , L0000574    , L0000575    , L0000576    ,
L0000577    ,
                L0000578    , L0000579    ,

                                *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10    IN MICROGRAMS/M**3                          **

    Y-COORD  |                                          X-COORD (METERS)
    (METERS) |     560277.30    560297.30    560317.30    560337.30    560357.30    560377.30    560397.30
560417.30    560437.30
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

  4190825.17 |       0.26002      0.26883      0.27805      0.28781      0.29829      0.30943      0.32126
0.33384      0.34722
  4190805.17 |       0.26279      0.27177      0.28097      0.29055      0.30119      0.31247      0.32444
0.33715      0.35064
  4190785.17 |       0.26512      0.27424      0.28380      0.29380      0.30459      0.31603      0.32814
0.34098      0.35459
  4190765.17 |       0.26761      0.27686      0.28663      0.29696      0.30788      0.31943      0.33165
0.34457      0.35825
  4190745.17 |       0.27030      0.27966      0.28955      0.29998      0.31099      0.32262      0.33490
0.34787      0.36157
  4190725.17 |       0.27288      0.28234      0.29231      0.30281      0.31388      0.32555      0.33785
0.35081      0.36449
  4190705.17 |       0.27532      0.28484      0.29486      0.30540      0.31649      0.32816      0.34044
0.35337      0.36699
  4190685.17 |       0.27758      0.28713      0.29716      0.30771      0.31878      0.33042      0.34266
0.35552      0.36903
  4190665.17 |       0.27961      0.28916      0.29919      0.30970      0.32074      0.33232      0.34447
0.35722      0.37061
  4190645.17 |       0.28139      0.29092      0.30091      0.31137      0.32234      0.33383      0.34587
0.35848      0.37169
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

  PAGE 772
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*
```

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL2 ***

INCLUDING SOURCE(S): L0000573 , L0000574 , L0000575 , L0000576 , L0000577 , L0000578 , L0000579 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	560457.30	560477.30	560497.30	560517.30	560537.30	560557.30	560577.30	560597.30	560617.30
4191625.17	0.21292	0.21870	0.22464	0.23071	0.23690	0.24319	0.24955	0.25596	0.26238
4191605.17	0.21605	0.22211	0.22837	0.23489	0.24187	0.24877	0.25568	0.26269	0.26985
4191585.17	0.21919	0.22552	0.23207	0.23900	0.24666	0.25399	0.26143	0.26905	0.27686
4191565.17	0.22282	0.22943	0.23631	0.24349	0.25099	0.25866	0.26659	0.27475	0.28305
4191545.17	0.22590	0.23276	0.23991	0.24736	0.25513	0.26319	0.27156	0.28022	0.28916
4191525.17	0.22891	0.23599	0.24339	0.25113	0.25920	0.26762	0.27640	0.28552	0.29500
4191505.17	0.23195	0.23925	0.24689	0.25489	0.26327	0.27204	0.28121	0.29079	0.30078
4191485.17	0.23502	0.24254	0.25040	0.25862	0.26729	0.27643	0.28601	0.29602	0.30650
4191465.17	0.23815	0.24588	0.25394	0.26226	0.27120	0.28082	0.29084	0.30126	0.31222
4191445.17	0.24135	0.24930	0.25765	0.26641	0.27566	0.28543	0.29573	0.30656	0.31798
4191425.17	0.24463	0.25281	0.26142	0.27047	0.27997	0.29001	0.30063	0.31185	0.32371
4191405.17	0.24801	0.25642	0.26528	0.27460	0.28423	0.29450	0.30547	0.31707	0.32935
4191385.17	0.25151	0.26015	0.26927	0.27888	0.28900	0.29961	0.31073	0.32275	0.33548
4191365.17	0.25505	0.26394	0.27336	0.28330	0.29377	0.30478	0.31641	0.32886	0.34196
4191345.17	0.25857	0.26770	0.27755	0.28787	0.29867	0.31011	0.32225	0.33515	0.34869
4191325.17	0.26268	0.27208	0.28204	0.29259	0.30372	0.31553	0.32808	0.34143	0.35545
4191305.17	0.26666	0.27636	0.28660	0.29742	0.30890	0.32109	0.33405	0.34786	0.36247
4191285.17	0.27048	0.28065	0.29120	0.30233	0.31416	0.32673	0.34011	0.35437	0.36961
4191265.17	0.27416	0.28496	0.29581	0.30725	0.31942	0.33236	0.34616	0.36088	0.37663
4191245.17	0.27791	0.28910	0.30032	0.31211	0.32460	0.33790	0.35210	0.36727	0.38352
4191225.17	0.28175	0.29296	0.30460	0.31681	0.32961	0.34326	0.35784	0.37345	0.39017
4191205.17	0.28545	0.29641	0.30867	0.32131	0.33440	0.34837	0.36332	0.37933	0.39651
4191185.17	0.28909	0.30000	0.31256	0.32559	0.33894	0.35321	0.36850	0.38490	0.40252
4191165.17	0.29257	0.30365	0.31641	0.32964	0.34325	0.35781	0.37342	0.39019	0.40824
4191145.17	0.29594	0.30716	0.31952	0.33290	0.34730	0.36223	0.37816	0.39529	0.41375
4191125.17	0.29923	0.31061	0.32277	0.33605	0.35116	0.36656	0.38288	0.40038	0.41931

  4191105.17 | 0.30251   0.31406   0.32640   0.33976   0.35482   0.37089   0.38754
0.40541   0.42429
  4191085.17 | 0.30586   0.31757   0.33011   0.34354   0.35826   0.37470   0.39208
0.41029   0.43013
  4191065.17 | 0.30930   0.32158   0.33447   0.34817   0.36289   0.37913   0.39661
0.41545   0.43568
  4191045.17 | 0.31312   0.32587   0.33907   0.35307   0.36812   0.38433   0.40203
0.42141   0.44209
  4191025.17 | 0.31736   0.32993   0.34349   0.35796   0.37335   0.38994   0.40788
0.42714   0.44780
  4191005.17 | 0.32170   0.33438   0.34808   0.36277   0.37842   0.39534   0.41362
0.43278   0.45342
  4190985.17 | 0.32590   0.33887   0.35279   0.36772   0.38347   0.40063   0.41924
0.43837   0.45983
  4190965.17 | 0.33011   0.34338   0.35762   0.37291   0.38904   0.40660   0.42565
0.44520   0.46713
  4190945.17 | 0.33438   0.34797   0.36254   0.37815   0.39473   0.41278   0.43224
0.45220   0.47455
  4190925.17 | 0.33860   0.35248   0.36737   0.38336   0.40055   0.41908   0.43893
0.45925   0.48194
  4190905.17 | 0.34322   0.35742   0.37264   0.38897   0.40652   0.42540   0.44559
0.46619   0.48916
  4190885.17 | 0.34791   0.36242   0.37795   0.39460   0.41245   0.43162   0.45207
0.47288   0.49603
  4190865.17 | 0.35263   0.36741   0.38322   0.40012   0.41822   0.43761   0.45811
0.47918   0.50242
  4190845.17 | 0.35722   0.37166   0.38748   0.40452   0.42272   0.44217   0.46297
0.48474   0.50821
 *** AERMOD - VERSION 24142 ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION 18081 ***   ***   ***
  09:59:03

  PAGE 773
 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                          *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: HAUL2
***
                              INCLUDING SOURCE(S):   L0000573   , L0000574   , L0000575   , L0000576   ,
L0000577   ,
                L0000578   , L0000579   ,

                               *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                    ** CONC OF PM_10   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 560457.30   560477.30   560497.30   560517.30   560537.30   560557.30   560577.30
560597.30   560617.30
 -
- - - - - - - -

  4190825.17 | 0.36135   0.37593   0.39186   0.40900   0.42726   0.44674   0.46751
0.48967   0.51331
  4190805.17 | 0.36498   0.38021   0.39640   0.41362   0.43193   0.45141   0.47213
0.49419   0.51766
  4190785.17 | 0.36902   0.38433   0.40057   0.41779   0.43608   0.45549   0.47610
0.49797   0.52120
  4190765.17 | 0.37273   0.38805   0.40428   0.42147   0.43967   0.45895   0.47937
0.50099   0.52388
  4190745.17 | 0.37604   0.39134   0.40750   0.42459   0.44265   0.46173   0.48190
0.50320   0.52569
  4190725.17 | 0.37892   0.39414   0.41019   0.42713   0.44499   0.46382   0.48366
0.50457   0.52659
  4190705.17 | 0.38133   0.39643   0.41232   0.42906   0.44666   0.46518   0.48464
0.50509   0.52657
  4190685.17 | 0.38324   0.39818   0.41387   0.43035   0.44764   0.46578   0.48480
0.50474   0.52563
  4190665.17 | 0.38465   0.39937   0.41481   0.43098   0.44791   0.46563   0.48416

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL2 ***

INCLUDING SOURCE(S): L0000573 , L0000574 , L0000575 , L0000576 , L0000577 , L0000578 , L0000579 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	560637.30	560657.30	560677.30	560697.30	560717.30	560737.30	560757.30	560777.30	560797.30
4191625.17	0.26878	0.27513	0.28139	0.28778	0.29469	0.30077	0.30642	0.31177	0.31699
4191605.17	0.27712	0.28427	0.29140	0.29861	0.30606	0.31303	0.31973	0.32617	0.33231
4191585.17	0.28473	0.29270	0.30072	0.30873	0.31653	0.32439	0.33227	0.34021	0.34768
4191565.17	0.29145	0.30018	0.30904	0.31800	0.32714	0.33611	0.34494	0.35399	0.36285
4191545.17	0.29831	0.30778	0.31749	0.32741	0.33743	0.34761	0.35781	0.36788	0.37805
4191525.17	0.30482	0.31496	0.32521	0.33563	0.34710	0.35844	0.37000	0.38172	0.39326
4191505.17	0.31119	0.32201	0.33301	0.34421	0.35634	0.36898	0.38198	0.39520	0.40863
4191485.17	0.31747	0.32893	0.34077	0.35296	0.36568	0.37926	0.39349	0.40805	0.42332
4191465.17	0.32372	0.33580	0.34846	0.36164	0.37506	0.38927	0.40443	0.42086	0.43744
4191445.17	0.33001	0.34268	0.35590	0.36966	0.38460	0.39992	0.41568	0.43295	0.45130
4191425.17	0.33624	0.34947	0.36328	0.37784	0.39396	0.41037	0.42740	0.44544	0.46532
4191405.17	0.34236	0.35614	0.37074	0.38631	0.40329	0.42087	0.43935	0.45828	0.47949
4191385.17	0.34901	0.36337	0.37863	0.39495	0.41280	0.43136	0.45101	0.47182	0.49462
4191365.17	0.35586	0.37081	0.38692	0.40418	0.42260	0.44209	0.46287	0.48511	0.50934
4191345.17	0.36293	0.37848	0.39552	0.41359	0.43267	0.45311	0.47504	0.49859	0.52424
4191325.17	0.37022	0.38638	0.40413	0.42300	0.44296	0.46442	0.48756	0.51269	0.53970
4191305.17	0.37803	0.39484	0.41307	0.43261	0.45348	0.47596	0.50029	0.52684	0.55532
4191285.17	0.38591	0.40339	0.42215	0.44235	0.46412	0.48763	0.51320	0.54108	0.57113
4191265.17	0.39350	0.41160	0.43107	0.45206	0.47473	0.49942	0.52621	0.55525	0.58689
4191245.17	0.40094	0.41966	0.43983	0.46159	0.48515	0.51093	0.53878	0.56914	0.60236
4191225.17	0.40813	0.42745	0.44829	0.47082	0.49523	0.52197	0.55098	0.58265	0.61738

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  4191205.17 |       0.41499      0.43489      0.45639      0.47965      0.50491      0.53246      0.56265
0.59572      0.63190
  4191185.17 |       0.42150      0.44196      0.46410      0.48810      0.51418      0.54274      0.57403
0.60833      0.64605
  4191165.17 |       0.42770      0.44872      0.47149      0.49622      0.52314      0.55281      0.58510
0.62062      0.65976
  4191145.17 |       0.43369      0.45527      0.47868      0.50419      0.53217      0.56263      0.59604
0.63273      0.67331
  4191125.17 |       0.43967      0.46192      0.48599      0.51221      0.54091      0.57238      0.60690
0.64481      0.68701
  4191105.17 |       0.44435      0.46766      0.49285      0.52013      0.54971      0.58219      0.61767
0.65721      0.70112
  4191085.17 |       0.45169      0.47506      0.50045      0.52821      0.55868      0.59214      0.62898
0.66992      0.71542
  4191065.17 |       0.45764      0.48178      0.50791      0.53647      0.56757      0.60167      0.63931
0.68141      0.72818
  4191045.17 |       0.46454      0.48902      0.51578      0.54504      0.57648      0.61011      0.64701
0.68980      0.73726
  4191025.17 |       0.47007      0.49500      0.52226      0.55189      0.58406      0.61974      0.65858
0.70235      0.75078
  4191005.17 |       0.47605      0.50144      0.52919      0.55958      0.59293      0.62958      0.66993
0.71440      0.76348
  4190985.17 |       0.48363      0.50956      0.53788      0.56885      0.60277      0.63996      0.68080
0.72567      0.77503
  4190965.17 |       0.49141      0.51783      0.54662      0.57804      0.61235      0.64988      0.69094
0.73592      0.78520
  4190945.17 |       0.49925      0.52607      0.55522      0.58693      0.62147      0.65911      0.70016
0.74496      0.79386
  4190925.17 |       0.50698      0.53410      0.56348      0.59535      0.62993      0.66749      0.70830
0.75267      0.80092
  4190905.17 |       0.51444      0.54173      0.57122      0.60309      0.63756      0.67486      0.71524
0.75897      0.80636
  4190885.17 |       0.52144      0.54880      0.57827      0.61002      0.64423      0.68112      0.72090
0.76383      0.81019
  4190865.17 |       0.52787      0.55519      0.58451      0.61601      0.64983      0.68617      0.72523
0.76722      0.81244
  4190845.17 |       0.53360      0.56076      0.58984      0.62097      0.65429      0.68996      0.72818
0.76916      0.81316
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

  PAGE 775
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

                           *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: HAUL2
***
                               INCLUDING SOURCE(S):     L0000573    , L0000574    , L0000575    , L0000576    ,
L0000577    ,
                L0000578    , L0000579    ,

                                *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10    IN MICROGRAMS/M**3                         **

    Y-COORD  |                                            X-COORD (METERS)
    (METERS) |     560637.30    560657.30    560677.30    560697.30    560717.30    560737.30    560757.30
560777.30    560797.30
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

  4190825.17 |       0.53854      0.56546      0.59419      0.62484      0.65755      0.69247      0.72977
0.76966      0.81242
  4190805.17 |       0.54264      0.56922      0.59749      0.62758      0.65959      0.69367      0.72999
0.76877      0.81026
  4190785.17 |       0.54584      0.57199      0.59973      0.62916      0.66040      0.69358      0.72889
0.76653      0.80676
  4190765.17 |       0.54811      0.57374      0.60087      0.62958      0.65999      0.69224      0.72651
```

0.76301 0.80198
4190745.17 | 0.54942 0.57447 0.60092 0.62885 0.65839 0.68969 0.72291
0.75826 0.79598
4190725.17 | 0.54976 0.57417 0.59988 0.62700 0.65565 0.68597 0.71814
0.75235 0.78882
4190705.17 | 0.54913 0.57285 0.59779 0.62408 0.65182 0.68116 0.71228
0.74534 0.78053
4190685.17 | 0.54754 0.57053 0.59469 0.62012 0.64695 0.67532 0.70537
0.73726 0.77118
4190665.17 | 0.54502 0.56726 0.59062 0.61520 0.64111 0.66849 0.69747
0.72818 0.76079
4190645.17 | 0.54162 0.56311 0.58566 0.60938 0.63438 0.66076 0.68865
0.71816 0.74942

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL2 ***

INCLUDING SOURCE(S): L0000573 , L0000574 , L0000575 , L0000576 , L0000577 , L0000578 , L0000579 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)						
	560817.30	560837.30	560857.30	560877.30	560897.30	560917.30	560937.30	560957.30	560977.30
4191625.17	0.32179	0.32594	0.32952	0.33247	0.33473	0.33626	0.33710	0.33733	0.33720
4191605.17	0.33813	0.34349	0.34821	0.35227	0.35572	0.35838	0.36022	0.36130	0.36181
4191585.17	0.35483	0.36159	0.36777	0.37305	0.37795	0.38202	0.38519	0.38745	0.38893
4191565.17	0.37151	0.37996	0.38786	0.39515	0.40181	0.40764	0.41246	0.41593	0.41870
4191545.17	0.38829	0.39861	0.40834	0.41763	0.42633	0.43426	0.44126	0.44694	0.45163
4191525.17	0.40519	0.41737	0.42911	0.44058	0.45161	0.46201	0.47156	0.48007	0.48736
4191505.17	0.42191	0.43607	0.44991	0.46352	0.47746	0.49069	0.50327	0.51494	0.52545
4191485.17	0.43875	0.45459	0.47055	0.48681	0.50344	0.51998	0.53607	0.55134	0.56567
4191465.17	0.45453	0.47228	0.49102	0.51032	0.52921	0.54920	0.56955	0.58836	0.60703
4191445.17	0.47051	0.49026	0.51103	0.53288	0.55514	0.57844	0.60273	0.62765	0.65236
4191425.17	0.48635	0.50833	0.53124	0.55529	0.58133	0.60851	0.63703	0.66715	0.69775
4191405.17	0.50236	0.52644	0.55165	0.57824	0.60773	0.63864	0.67155	0.70654	0.74354
4191385.17	0.51845	0.54398	0.57194	0.60158	0.63369	0.66827	0.70567	0.74610	0.78975
4191365.17	0.53457	0.56201	0.59227	0.62485	0.65997	0.69825	0.74012	0.78603	0.83647
4191345.17	0.55168	0.58078	0.61326	0.64854	0.68682	0.72885	0.77523	0.82667	0.88398
4191325.17	0.56881	0.59992	0.63478	0.67285	0.71437	0.76024	0.81123	0.86830	0.93261

  4191305.17 | 0.58628   0.61945   0.65676   0.69771   0.74256   0.79239   0.84813
0.91098   0.98247
  4191285.17 | 0.60393   0.63920   0.67887   0.72287   0.77115   0.82505   0.88567
0.95447   1.03335
  4191265.17 | 0.62151   0.65888   0.70065   0.74751   0.79974   0.85781   0.92342
0.99830   1.08474
  4191245.17 | 0.63878   0.67825   0.72263   0.77243   0.82802   0.89027   0.96093
1.04199   1.13610
  4191225.17 | 0.65557   0.69724   0.74437   0.79707   0.85580   0.92222   0.99797
1.08527   1.18710
  4191205.17 | 0.67192   0.71617   0.76557   0.82078   0.88303   0.95368   1.03459
1.12677   1.23673
  4191185.17 | 0.68761   0.73350   0.78545   0.84395   0.90968   0.98487   1.07097
1.16970   1.28633
  4191165.17 | 0.70273   0.75109   0.80523   0.86620   0.93528   1.01521   1.10721
1.21302   1.33547
  4191145.17 | 0.71834   0.76885   0.82554   0.88953   0.96216   1.04543   1.14162
1.25234   1.37550
  4191125.17 | 0.73411   0.78680   0.84603   0.91295   0.98895   1.07492   1.17312
1.28499   1.40909
  4191105.17 | 0.75008   0.80491   0.86657   0.93621   1.01489   1.10284   1.19927
1.30725   1.43533
  4191085.17 | 0.76603   0.82158   0.88477   0.95585   1.03325   1.12131   1.22280
1.33638   1.46683
  4191065.17 | 0.78030   0.83680   0.90061   0.97264   1.05056   1.14079   1.24371
1.36469   1.49889
  4191045.17 | 0.79000   0.84873   0.91424   0.98743   1.06930   1.16099   1.26660
1.39108   1.52601
  4191025.17 | 0.80446   0.86404   0.93022   1.00383   1.08577   1.18066   1.28909
1.41197   1.54194
  4191005.17 | 0.81768   0.87761   0.94391   1.01731   1.09864   1.19476   1.30229
1.42195   1.54936
  4190985.17 | 0.82934   0.88915   0.95505   1.02770   1.10789   1.20130   1.30775
1.42448   1.55054
  4190965.17 | 0.83923   0.89850   0.96356   1.03502   1.11365   1.20158   1.30277
1.42173   1.54463
  4190945.17 | 0.84727   0.90564   0.96949   1.03943   1.11617   1.20059   1.29779
1.41500   1.53453
  4190925.17 | 0.85343   0.91062   0.97300   1.04114   1.11578   1.19777   1.29210
1.40546   1.52086
  4190905.17 | 0.85775   0.91356   0.97426   1.04045   1.11285   1.19230   1.28366
1.39301   1.50419
  4190885.17 | 0.86031   0.91459   0.97351   1.03766   1.10775   1.18461   1.27173
1.37661   1.48438
  4190865.17 | 0.86119   0.91388   0.97098   1.03307   1.10082   1.17504   1.25792
1.35607   1.46178
  4190845.17 | 0.86051   0.91158   0.96686   1.02688   1.09230   1.16386   1.24244
1.33169   1.43725

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                           *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: HAUL2
***
                               INCLUDING SOURCE(S):   L0000573   , L0000574   , L0000575   , L0000576   ,
L0000577   ,
                L0000578   , L0000579   ,

                                    *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                         ** CONC OF PM_10   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 560817.30   560837.30   560857.30   560877.30   560897.30   560917.30   560937.30
560957.30   560977.30

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL2 ***

INCLUDING SOURCE(S): L0000573 , L0000574 , L0000575 , L0000576 , L0000577 , L0000578 , L0000579 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)								
	560997.30	561017.30	561037.30	561057.30	561077.30	561097.30	561117.30	561137.30	561157.30
4190825.17	0.85834	0.90782	0.96129	1.01927	1.08236	1.15125	1.22678	1.30996	1.41195
4190805.17	0.85478	0.90267	0.95436	1.01032	1.07111	1.13736	1.20986	1.28957	1.38696
4190785.17	0.84988	0.89621	0.94614	1.00011	1.05862	1.12227	1.19180	1.26809	1.36098
4190765.17	0.84370	0.88849	0.93668	0.98868	1.04495	1.10604	1.17264	1.24559	1.33346
4190745.17	0.83632	0.87956	0.92601	0.97605	1.03009	1.08866	1.15239	1.22205	1.30282
4190725.17	0.82776	0.86945	0.91416	0.96223	1.01405	1.07011	1.13099	1.19743	1.27147
4190705.17	0.81808	0.85819	0.90114	0.94722	0.99681	1.05036	1.10842	1.17168	1.24095
4190685.17	0.80729	0.84580	0.88695	0.93103	0.97837	1.02942	1.08468	1.14479	1.21047
4190665.17	0.79543	0.83232	0.87165	0.91370	0.95879	1.00734	1.05980	1.11674	1.17882
4190645.17	0.78258	0.81780	0.85529	0.89530	0.93814	0.98417	1.03381	1.08757	1.14603

*** AERMOD - VERSION 24142 *** *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
09/18/25
*** AERMET - VERSION 18081 *** *** ***
09:59:03

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL2 ***

INCLUDING SOURCE(S): L0000573 , L0000574 , L0000575 , L0000576 , L0000577 , L0000578 , L0000579 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)								
	560997.30	561017.30	561037.30	561057.30	561077.30	561097.30	561117.30	561137.30	561157.30
4191625.17	0.33711	0.33780	0.34012	0.34508	0.35368	0.36632	0.38245	0.40018	0.41681
4191605.17	0.36209	0.36292	0.36499	0.36951	0.37761	0.39000	0.40640	0.42515	0.44348
4191585.17	0.38997	0.39135	0.39323	0.39718	0.40514	0.41721	0.43383	0.45355	0.47364
4191565.17	0.42088	0.42313	0.42531	0.42907	0.43657	0.44867	0.46548	0.48614	0.50804
4191545.17	0.45537	0.45862	0.46155	0.46573	0.47305	0.48523	0.50234	0.52393	0.54773
4191525.17	0.49344	0.49789	0.50234	0.50778	0.51557	0.52807	0.54560	0.56822	0.59406
4191505.17	0.53465	0.54257	0.54924	0.55609	0.56581	0.57872	0.59678	0.62069	0.64883
4191485.17	0.57902	0.59108	0.60167	0.61158	0.62333	0.63810	0.65772	0.68352	0.71448
4191465.17	0.62561	0.64376	0.65966	0.67473	0.68890	0.70748	0.73063	0.75949	0.79432
4191445.17	0.67660	0.70042	0.72304	0.74484	0.76660	0.79023	0.81807	0.85211	0.89278
4191425.17	0.72894	0.76032	0.79151	0.82242	0.85353	0.88625	0.92284	0.96558	1.01534

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  4191405.17 |       0.78237      0.82275      0.86436      0.90698      0.95089      0.99715      1.04784
1.10315      1.16741
  4191385.17 |       0.83674      0.88710      0.94076      0.99774      1.05837      1.12373      1.19597
1.27819      1.37261
  4191365.17 |       0.89195      0.95296      1.02003      1.09381      1.17527      1.26638      1.36972
1.49071      1.63402
  4191345.17 |       0.94815      1.02030      1.10182      1.19449      1.30079      1.42408      1.56788
1.74698      1.96888
  4191325.17 |       1.00566      1.08932      1.18609      1.29947      1.43333      1.59600      1.79949
2.06479      2.41377
  4191305.17 |       1.06464      1.16016      1.27302      1.40783      1.57190      1.77966      2.05382
2.43270      2.97070
  4191285.17 |       1.12489      1.23261      1.36149      1.51741      1.71639      1.97158      2.31686
2.82378      1.24866
  4191265.17 |       1.18586      1.30604      1.45162      1.63068      1.86332      2.16907      2.59014
3.19063      1.42984
  4191245.17 |       1.24692      1.37964      1.54179      1.74335      2.00756      2.35887      2.84580
3.55908      1.66944
  4191225.17 |       1.30761      1.45265      1.63094      1.85277      2.14373      2.52939      3.06420
3.86306      1.99562
  4191205.17 |       1.36767      1.52440      1.71695      1.95857      2.26728      2.67222      3.22220
4.02391      2.36932
  4191185.17 |       1.42531      1.59188      1.79735      2.05200      2.37295      2.78832      3.34294
4.12139      2.76005
  4191165.17 |       1.47693      1.65125      1.86642      2.13282      2.45727      2.87096      3.41493
4.15111      5.16819
  4191145.17 |       1.51551      1.70620      1.92564      2.18995      2.51942      2.92236      3.43942
4.12890      5.08125
  4191125.17 |       1.55114      1.75018      1.97520      2.24006      2.55826      2.94618      3.43582
4.07773      4.95632
  4191105.17 |       1.58855      1.78046      2.01167      2.27777      2.58030      2.94750      3.40519
3.99734      4.79288
  4191085.17 |       1.61998      1.81038      2.03727      2.29538      2.58656      2.93693      3.36935
3.92228      4.65648
  4191065.17 |       1.65165      1.83268      2.04691      2.29494      2.58139      2.91660      3.32394
3.84122      4.52191
  4191045.17 |       1.67582      1.84782      2.04048      2.27493      2.56640      2.88600      3.27153
3.75787      4.39545
  4191025.17 |       1.68655      1.86408      2.05216      2.25801      2.52565      2.84388      3.21414
3.67330      4.27076
  4191005.17 |       1.69130      1.86181      2.04410      2.24825      2.49390      2.79882      3.15117
3.58690      4.14748
  4190985.17 |       1.69059      1.84847      2.02772      2.23301      2.47085      2.75412      3.08935
3.50072      4.02541
  4190965.17 |       1.68034      1.83315      2.00816      2.20792      2.43690      2.70506      3.02577
3.41891      3.91213
  4190945.17 |       1.66585      1.81487      1.98324      2.17381      2.39458      2.65269      2.96040
3.33500      3.80073
  4190925.17 |       1.64810      1.79198      1.95260      2.13679      2.34938      2.59764      2.89209
3.24843      3.69227
  4190905.17 |       1.62681      1.76468      1.91975      2.09707      2.30014      2.53929      2.82102
3.16056      3.58109
  4190885.17 |       1.60285      1.73507      1.88427      2.05352      2.24681      2.47904      2.74799
3.07188      3.47089
  4190865.17 |       1.57658      1.70331      1.84565      2.00558      2.19397      2.41674      2.67331
2.98327      3.36244
  4190845.17 |       1.54857      1.66894      1.80502      1.95997      2.14017      2.35075      2.59880
2.89011      3.25153
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

  PAGE 779
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

                           *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: HAUL2
***
                               INCLUDING SOURCE(S):     L0000573    , L0000574    , L0000575    , L0000576    ,
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L0000577   ,
                L0000578   , L0000579   ,

                                   *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                        ** CONC OF PM_10   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 560997.30   561017.30   561037.30   561057.30   561077.30   561097.30   561117.30
561137.30   561157.30
 -
- - - - - - - -

  4190825.17 | 1.51932   1.63354   1.76148   1.90847   2.08009   2.27977   2.51336
2.78209   3.11844
  4190805.17 | 1.48899   1.59825   1.71733   1.84993   2.01179   2.19983   2.42107
2.68540   3.00733
  4190785.17 | 1.45784   1.56210   1.67559   1.80156   1.95496   2.13293   2.34207
2.59156   2.89473
  4190765.17 | 1.42589   1.52486   1.63315   1.75249   1.89747   2.06537   2.26232
2.49678   2.78075
  4190745.17 | 1.39206   1.48706   1.59099   1.70293   1.83958   1.99743   2.18206
2.40112   2.66540
  4190725.17 | 1.35605   1.45006   1.55035   1.66085   1.78328   1.92906   2.10128
2.30475   2.54913
  4190705.17 | 1.32041   1.41103   1.50607   1.61168   1.72573   1.86017   2.02006
2.20806   2.43277
  4190685.17 | 1.28563   1.37108   1.46051   1.55954   1.66717   1.79063   1.93847
2.11141   2.31696
  4190665.17 | 1.24970   1.33007   1.41393   1.50707   1.61312   1.73119   1.85642
2.01470   2.20151
  4190645.17 | 1.21179   1.28786   1.36613   1.45309   1.55020   1.66201   1.77363
1.91746   2.08575

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                            *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: HAUL2
***
                                INCLUDING SOURCE(S):   L0000573   , L0000574   , L0000575   , L0000576   ,
L0000577   ,
                L0000578   , L0000579   ,

                                   *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                        ** CONC OF PM_10   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 561177.30   561197.30   561217.30   561237.30   561257.30   561277.30   561297.30
561317.30   561337.30
 -
- - - - - - - -

  4191625.17 | 0.42962   0.43687   0.43843   0.43565   0.43065   0.42542   0.42120
0.41839   0.41619
  4191605.17 | 0.45837   0.46764   0.47077   0.46894   0.46430   0.45902   0.45454
0.45137   0.44868
  4191585.17 | 0.49079   0.50236   0.50736   0.50672   0.50262   0.49737   0.49262
0.48900   0.48570
  4191565.17 | 0.52766   0.54185   0.54909   0.54997   0.54661   0.54148   0.53644
0.53230   0.52822
  4191545.17 | 0.57005   0.58723   0.59714   0.59994   0.59759   0.59270   0.58736
0.58257   0.57751
  4191525.17 | 0.61935   0.63998   0.65311   0.65832   0.65733   0.65284   0.64717
0.64156   0.63525

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  4191505.17 |       0.67750      0.70214      0.71916      0.72742      0.72826      0.72438      0.71834
0.71170      0.70376
  4191485.17 |       0.74715      0.77660      0.79844      0.81040      0.81392      0.81086      0.80440
0.79609      0.78631
  4191465.17 |       0.83205      0.86751      0.89483      0.91055      0.91929      0.91746      0.91036
0.89678      0.88763
  4191445.17 |       0.93753      0.98106      1.01705      1.03966      1.04886      1.04588      1.03504
1.03029      1.01655
  4191425.17 |       1.07074      1.12366      1.16927      1.20194      1.21562      1.21180      1.20092
1.19882      1.18015
  4191405.17 |       1.23886      1.30474      1.37321      1.42808      1.44684      1.44764      1.43674
1.42197      1.39054
  4191385.17 |       1.47900      1.58873      1.68385      1.75491      1.82413      1.83834      1.81539
1.77000      1.70660
  4191365.17 |       1.79985      1.98376      2.15792      2.30087      2.42345      2.44025      2.37946
2.27401      2.14866
  4191345.17 |       2.23821      2.55022      2.91018      3.23325      3.43074      3.44529      3.29703
3.06226      2.79678
  4191325.17 |       2.86619      1.04119      1.09588      1.14401      1.18134      1.20277      4.81426
4.27414      3.73120
  4191305.17 |       1.14198      1.21512      1.29091      1.36082      1.41585      1.44998      1.46113
5.99468      4.98021
  4191285.17 |       1.33781      1.44310      1.56103      1.67718      1.76389      1.81980      1.83955
1.82080      6.48683
  4191265.17 |       1.57200      1.75310      1.96502      2.14160      2.34131      2.44660      2.45307
2.41990      2.31090
  4191245.17 |       1.86117      2.15618      2.54784      2.87239      3.26144      3.52217      3.57498
3.43720      3.16831
  4191225.17 |       2.31881      2.76519      0.98186      1.04262      1.04992      1.06985      1.09562
1.13045      4.50848
  4191205.17 |       2.90186      1.08906      1.15728      1.22493      1.27649      1.29624      1.26562
1.33963      1.39581
  4191185.17 |       1.19875      1.29108      1.38926      1.49016      1.57536      1.61360      1.60226
1.68720      6.19250
  4191165.17 |       1.39789      1.53954      1.70521      1.88297      1.98897      2.12765      2.25468
6.23009      5.68813
  4191145.17 |       3.55778      4.21925      2.14627      2.44055      2.66491      3.06730      6.53968
6.14110      5.79902
  4191125.17 |       3.38165      3.93907      4.57491      2.94452      3.05644      3.12476      3.08363
2.92803      2.79286
  4191105.17 |       3.36394      3.95329      2.28539      2.39986      2.53076      2.60983      2.63763
2.62537      2.58226
  4191085.17 |       5.66385      4.18290      2.12270      2.24247      2.37168      2.49269      2.59419
2.66756      2.68000
  4191065.17 |       5.45054      4.24047      2.15262      2.32743      2.52373      2.73101      2.93959
3.12596      6.98543
  4191045.17 |       5.26439      3.81333      4.34828      2.60534      2.94281      3.32301      3.75517
4.16971      6.81182
  4191025.17 |       5.08524      3.58236      4.06405      4.67611      3.07072      3.19577      3.23749
3.20673      3.12603
  4191005.17 |       4.90286      3.50531      4.05828      2.43944      2.55636      2.65284      2.72473
2.77420      2.78632
  4190985.17 |       4.72349      5.67918      4.24282      2.26743      2.39059      2.51839      2.64393
2.75369      2.82720
  4190965.17 |       4.55207      5.45308      4.33048      2.29139      2.47223      2.67887      2.89923
3.11909      3.28970
  4190945.17 |       4.40437      5.24504      3.90196      4.43788      5.12157      3.10205      3.50958
1.41336      4.34575
  4190925.17 |       4.26657      5.04354      3.65585      4.15250      4.78302      3.11044      3.25144
3.32034      3.29275
  4190905.17 |       4.12087      4.84308      5.83155      4.10669      2.48742      2.60613      2.70639
2.78248      2.82409
  4190885.17 |       3.97873      4.64974      5.56116      4.25995      2.30974      2.43317      2.56146
2.68417      2.79385
  4190865.17 |       3.84113      4.46796      5.33918      4.18862      2.30667      2.49141      2.70238
2.93524      3.17304
  4190845.17 |       3.70871      4.30612      5.11928      3.76105      4.25199      4.84293      3.06947
3.56386      4.19055
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*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL2 ***

INCLUDING SOURCE(S): L0000573 , L0000574 , L0000575 , L0000576 , L0000577 , L0000578 , L0000579 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	561177.30	561197.30	561217.30	561237.30	561257.30	561277.30	561297.30	561317.30	561337.30
4190825.17	3.54553	4.10073	4.89285	3.51945	3.99942	4.57748	2.81784	2.97778	3.04994
4190805.17	3.40952	3.92889	4.62582	5.62386	3.97810	2.28608	2.38205	2.42845	2.51181
4190785.17	3.27180	3.75493	4.39675	5.30581	4.08962	2.08758	2.19970	2.31803	2.41641
4190765.17	3.13221	3.57962	4.16847	4.99218	3.83608	2.03407	2.21138	2.39653	2.64741
4190745.17	2.99095	3.40330	3.94395	4.69192	3.37494	3.82258	4.39776	5.06410	5.74077
4190725.17	2.84883	3.22661	3.71950	4.38860	5.35482	3.48469	4.07295	2.24512	2.29576
4190705.17	2.70696	3.05061	3.49598	4.09459	4.92451	3.31006	1.69089	1.69102	1.68042
4190685.17	2.56610	2.87572	3.27272	3.80056	4.52304	5.52259	1.37049	1.36702	1.34236
4190665.17	2.42596	2.70193	3.05157	3.51070	4.13493	5.00364	3.35094	1.14180	1.12596
4190645.17	2.28586	2.52887	2.83276	3.22708	3.76093	4.50786	2.61388	2.90248	3.21507

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL2 ***

INCLUDING SOURCE(S): L0000573 , L0000574 , L0000575 , L0000576 , L0000577 , L0000578 , L0000579 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)		
	561357.30	561377.30	561397.30
4191625.17	0.41415	0.41329	0.41208
4191605.17	0.44601	0.44457	0.44270
4191585.17	0.48223	0.48007	0.47739

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL2 ***

INCLUDING SOURCE(S): L0000573 , L0000574 , L0000575 , L0000576 , L0000577 , L0000578 , L0000579 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)		
	561357.30	561377.30	561397.30
4191565.17	0.52375	0.52067	0.51701
4191545.17	0.57176	0.56754	0.56269
4191525.17	0.62788	0.62223	0.61591
4191505.17	0.69429	0.68682	0.67864
4191485.17	0.77585	0.76476	0.75350
4191465.17	0.87662	0.85964	0.84399
4191445.17	0.99930	0.97628	0.95485
4191425.17	1.15369	1.12222	1.09263
4191405.17	1.35132	1.30963	1.26652
4191385.17	1.63812	1.56842	1.49534
4191365.17	2.02173	1.90193	1.78654
4191345.17	2.55506	2.34535	2.15898
4191325.17	3.28053	2.92217	2.62617
4191305.17	4.21186	3.63391	3.19118
4191285.17	5.30259	4.44787	3.81859
4191265.17	6.44632	5.29716	4.47013
4191245.17	7.52004	6.11512	5.10725
4191225.17	8.48628	6.87343	5.70864
4191205.17	9.37226	7.58759	6.28697
4191185.17	10.24729	8.25957	6.84144
4191165.17	5.11883	8.87337	7.34464
4191145.17	5.36696	9.42350	7.81612
4191125.17	6.28127	10.03174	8.29070
4191105.17	2.52112	10.73669	8.81747
4191085.17	6.99976	5.93830	9.36969
4191065.17	6.32622	5.64695	9.96045
4191045.17	6.41723	5.89899	10.53072
4191025.17	3.01659	6.93139	11.09983
4191005.17	2.76583	2.71608	11.72376
4190985.17	2.85502	7.41023	6.34981
4190965.17	7.37124	6.65743	5.95053
4190945.17	4.04936	6.73765	6.16180
4190925.17	3.20283	3.07876	2.94448
4190905.17	2.82833	2.80713	2.75678
4190885.17	2.86682	2.89306	7.41990
4190865.17	3.35252	7.25794	6.64063
4190845.17	4.05600	3.80633	6.78284
4190825.17	3.04055	2.96540	2.86894
4190805.17	2.58494	2.59533	2.57683
4190785.17	2.48093	2.60055	2.65944
4190765.17	2.82061	3.03541	6.77814
4190745.17	3.50953	3.29772	3.11838
4190725.17	2.31066	2.29333	2.21239
4190705.17	1.66817	1.67782	1.64284
4190685.17	1.31071	1.30250	1.28753
4190665.17	1.10197	1.07138	1.05295

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL2 ***

INCLUDING SOURCE(S): L0000573 , L0000574 , L0000575 , L0000576 , L0000577 , L0000578 , L0000579 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
560122.00	4190978.00	0.19303	560142.00	4190978.00	0.19801
560162.00	4190978.00	0.20328	560182.00	4190978.00	0.20887
560202.00	4190978.00	0.21486	560222.00	4190978.00	0.22115
560242.00	4190978.00	0.22777	560262.00	4190978.00	0.23463
560102.00	4190998.00	0.18683	560122.00	4190998.00	0.19132
560142.00	4190998.00	0.19630	560162.00	4190998.00	0.20154
560182.00	4190998.00	0.20704	560202.00	4190998.00	0.21282
560222.00	4190998.00	0.21888	560242.00	4190998.00	0.22526
560262.00	4190998.00	0.23197	560282.00	4190998.00	0.23918
560302.00	4190998.00	0.24694	560322.00	4190998.00	0.25487
560102.00	4191018.00	0.18534	560122.00	4191018.00	0.18976
560142.00	4191018.00	0.19466	560162.00	4191018.00	0.19983
560182.00	4191018.00	0.20524	560202.00	4191018.00	0.21091
560222.00	4191018.00	0.21687	560242.00	4191018.00	0.22314
560262.00	4191018.00	0.22974	560282.00	4191018.00	0.23669
560302.00	4191018.00	0.24402	560322.00	4191018.00	0.25176
560342.00	4191018.00	0.25995	560362.00	4191018.00	0.26862
560382.00	4191018.00	0.27781	560402.00	4191018.00	0.28784
560102.00	4191038.00	0.18364	560122.00	4191038.00	0.18818
560142.00	4191038.00	0.19303	560162.00	4191038.00	0.19812
560182.00	4191038.00	0.20344	560202.00	4191038.00	0.20903
560222.00	4191038.00	0.21489	560242.00	4191038.00	0.22106
560262.00	4191038.00	0.22754	560282.00	4191038.00	0.23437
560302.00	4191038.00	0.24158	560322.00	4191038.00	0.24918

560342.00	4191038.00	0.25723	560362.00	4191038.00	0.26574
560382.00	4191038.00	0.27477	560402.00	4191038.00	0.28444
560422.00	4191038.00	0.29483	560442.00	4191038.00	0.30572
560462.00	4191038.00	0.31756	560082.00	4191058.00	0.17781
560102.00	4191058.00	0.18201	560122.00	4191058.00	0.18659
560142.00	4191058.00	0.19138	560162.00	4191058.00	0.19639
560182.00	4191058.00	0.20164	560202.00	4191058.00	0.20714
560222.00	4191058.00	0.21292	560242.00	4191058.00	0.21898
560262.00	4191058.00	0.22537	560282.00	4191058.00	0.23209
560302.00	4191058.00	0.23918	560322.00	4191058.00	0.24666
560342.00	4191058.00	0.25457	560362.00	4191058.00	0.26294
560382.00	4191058.00	0.27181	560402.00	4191058.00	0.28124
560422.00	4191058.00	0.29125	560442.00	4191058.00	0.30193
560462.00	4191058.00	0.31353	560082.00	4191078.00	0.17628
560102.00	4191078.00	0.18043	560122.00	4191078.00	0.18495
560142.00	4191078.00	0.18968	560162.00	4191078.00	0.19462

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL2 ***

INCLUDING SOURCE(S): L0000573 , L0000574 , L0000575 , L0000576 , L0000577 , L0000578 , L0000579 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
560182.00	4191078.00	0.19980	560202.00	4191078.00	0.20523
560222.00	4191078.00	0.21092	560242.00	4191078.00	0.21690
560262.00	4191078.00	0.22319	560282.00	4191078.00	0.22982
560302.00	4191078.00	0.23680	560322.00	4191078.00	0.24417
560342.00	4191078.00	0.25196	560362.00	4191078.00	0.26020
560382.00	4191078.00	0.26894	560402.00	4191078.00	0.27821
560422.00	4191078.00	0.28807	560442.00	4191078.00	0.29857
560462.00	4191078.00	0.30978	560482.00	4191078.00	0.32175

560502.00	4191078.00	0.33456	560082.00	4191098.00	0.17467
560102.00	4191098.00	0.17877	560122.00	4191098.00	0.18324
560142.00	4191098.00	0.18791	560162.00	4191098.00	0.19279
560182.00	4191098.00	0.19790	560202.00	4191098.00	0.20326
560222.00	4191098.00	0.20888	560242.00	4191098.00	0.21479
560262.00	4191098.00	0.22099	560282.00	4191098.00	0.22753
560302.00	4191098.00	0.23442	560322.00	4191098.00	0.24169
560342.00	4191098.00	0.24937	560362.00	4191098.00	0.25750
560382.00	4191098.00	0.26611	560402.00	4191098.00	0.27526
560422.00	4191098.00	0.28498	560442.00	4191098.00	0.29533
560462.00	4191098.00	0.30636	560482.00	4191098.00	0.31815
560502.00	4191098.00	0.33075	560522.00	4191098.00	0.34456
560062.00	4191118.00	0.16909	560082.00	4191118.00	0.17295
560102.00	4191118.00	0.17701	560122.00	4191118.00	0.18143
560142.00	4191118.00	0.18604	560162.00	4191118.00	0.19087
560182.00	4191118.00	0.19592	560202.00	4191118.00	0.20121
560222.00	4191118.00	0.20677	560242.00	4191118.00	0.21260
560262.00	4191118.00	0.21873	560282.00	4191118.00	0.22519
560302.00	4191118.00	0.23200	560322.00	4191118.00	0.23918
560342.00	4191118.00	0.24677	560362.00	4191118.00	0.25480
560382.00	4191118.00	0.26331	560402.00	4191118.00	0.27234
560422.00	4191118.00	0.28193	560442.00	4191118.00	0.29214
560462.00	4191118.00	0.30302	560482.00	4191118.00	0.31464
560502.00	4191118.00	0.32706	560522.00	4191118.00	0.34089
560062.00	4191138.00	0.16731	560082.00	4191138.00	0.17112
560102.00	4191138.00	0.17513	560122.00	4191138.00	0.17950
560142.00	4191138.00	0.18406	560162.00	4191138.00	0.18883
560182.00	4191138.00	0.19383	560202.00	4191138.00	0.19906
560222.00	4191138.00	0.20456	560242.00	4191138.00	0.21032
560262.00	4191138.00	0.21639	560282.00	4191138.00	0.22278
560302.00	4191138.00	0.22951	560322.00	4191138.00	0.23661
560342.00	4191138.00	0.24412	560362.00	4191138.00	0.25206

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL2 ***

INCLUDING SOURCE(S): L0000573 , L0000574 , L0000575 , L0000576 , L0000577 ,
L0000578 , L0000579 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
560382.00	4191138.00	0.26048	560402.00	4191138.00	0.26940
560422.00	4191138.00	0.27888	560442.00	4191138.00	0.28897
560462.00	4191138.00	0.29971	560482.00	4191138.00	0.31116
560502.00	4191138.00	0.32348	560062.00	4191158.00	0.16540
560082.00	4191158.00	0.16917	560102.00	4191158.00	0.17313
560122.00	4191158.00	0.17745	560142.00	4191158.00	0.18196
560162.00	4191158.00	0.18668	560182.00	4191158.00	0.19162
560202.00	4191158.00	0.19680	560222.00	4191158.00	0.20223
560242.00	4191158.00	0.20794	560262.00	4191158.00	0.21395
560282.00	4191158.00	0.22027	560302.00	4191158.00	0.22693
560322.00	4191158.00	0.23397	560342.00	4191158.00	0.24140
560362.00	4191158.00	0.24925	560382.00	4191158.00	0.25758
560402.00	4191158.00	0.26641	560422.00	4191158.00	0.27578
560442.00	4191158.00	0.28574	560462.00	4191158.00	0.29634
560482.00	4191158.00	0.30764	560502.00	4191158.00	0.32066
560062.00	4191178.00	0.16328	560082.00	4191178.00	0.16705
560102.00	4191178.00	0.17103	560122.00	4191178.00	0.17529
560142.00	4191178.00	0.17975	560162.00	4191178.00	0.18442
560182.00	4191178.00	0.18930	560202.00	4191178.00	0.19443
560222.00	4191178.00	0.19981	560242.00	4191178.00	0.20546
560322.00	4191178.00	0.23122	560342.00	4191178.00	0.23857
560362.00	4191178.00	0.24635	560382.00	4191178.00	0.25459
560402.00	4191178.00	0.26331	560422.00	4191178.00	0.27257
560442.00	4191178.00	0.28241	560462.00	4191178.00	0.29287
560482.00	4191178.00	0.30401	560502.00	4191178.00	0.31707
560062.00	4191198.00	0.16096	560082.00	4191198.00	0.16480

560102.00	4191198.00	0.16884	560122.00	4191198.00	0.17305
560142.00	4191198.00	0.17745	560162.00	4191198.00	0.18207
560182.00	4191198.00	0.18690	560202.00	4191198.00	0.19197
560222.00	4191198.00	0.19729	560362.00	4191198.00	0.24334
560382.00	4191198.00	0.25148	560402.00	4191198.00	0.26010
560422.00	4191198.00	0.26924	560442.00	4191198.00	0.27894
560462.00	4191198.00	0.28926	560482.00	4191198.00	0.30027
560042.00	4191218.00	0.15522	560062.00	4191218.00	0.15879
560082.00	4191218.00	0.16260	560102.00	4191218.00	0.16658
560122.00	4191218.00	0.17074	560142.00	4191218.00	0.17510
560162.00	4191218.00	0.17965	560182.00	4191218.00	0.18443
560202.00	4191218.00	0.18944	560222.00	4191218.00	0.19470
560342.00	4191218.00	0.23263	560362.00	4191218.00	0.24023
560382.00	4191218.00	0.24827	560402.00	4191218.00	0.25677

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL2 ***

INCLUDING SOURCE(S): L0000573 , L0000574 , L0000575 , L0000576 , L0000577 ,
L0000578 , L0000579 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
560422.00	4191218.00	0.26578	560442.00	4191218.00	0.27533
560462.00	4191218.00	0.28568	560482.00	4191218.00	0.29692
560082.00	4191238.00	0.16038	560102.00	4191238.00	0.16431
560122.00	4191238.00	0.16842	560142.00	4191238.00	0.17272
560162.00	4191238.00	0.17722	560182.00	4191238.00	0.18194
560202.00	4191238.00	0.18690	560222.00	4191238.00	0.19210
560342.00	4191238.00	0.22956	560362.00	4191238.00	0.23705
560382.00	4191238.00	0.24497	560402.00	4191238.00	0.25334
560422.00	4191238.00	0.26220	560442.00	4191238.00	0.27158
560462.00	4191238.00	0.28192	560182.00	4191258.00	0.17947

560202.00	4191258.00	0.18437	560322.00	4191258.00	0.21948
560342.00	4191258.00	0.22647	560362.00	4191258.00	0.23385
560382.00	4191258.00	0.24163	560402.00	4191258.00	0.24985
560422.00	4191258.00	0.25854	560442.00	4191258.00	0.26777
560462.00	4191258.00	0.27804	560322.00	4191278.00	0.21653
560342.00	4191278.00	0.22340	560362.00	4191278.00	0.23065
560382.00	4191278.00	0.23829	560402.00	4191278.00	0.24635
560422.00	4191278.00	0.25486	560442.00	4191278.00	0.26426
559982.00	4191298.00	0.13740	560002.00	4191298.00	0.14033
560022.00	4191298.00	0.14351	560042.00	4191298.00	0.14684
560062.00	4191298.00	0.15031	560302.00	4191298.00	0.20723
560322.00	4191298.00	0.21365	560342.00	4191298.00	0.22040
560362.00	4191298.00	0.22751	560382.00	4191298.00	0.23500
560402.00	4191298.00	0.24289	560422.00	4191298.00	0.25121
560442.00	4191298.00	0.26067	559962.00	4191318.00	0.13268
559982.00	4191318.00	0.13547	560002.00	4191318.00	0.13849
560022.00	4191318.00	0.14165	560042.00	4191318.00	0.14494
560062.00	4191318.00	0.14837	560082.00	4191318.00	0.15196
560102.00	4191318.00	0.15571	560122.00	4191318.00	0.15964
560142.00	4191318.00	0.16374	560162.00	4191318.00	0.16804
560302.00	4191318.00	0.20455	560322.00	4191318.00	0.21086
560342.00	4191318.00	0.21748	560362.00	4191318.00	0.22445
560382.00	4191318.00	0.23178	560402.00	4191318.00	0.23950
560422.00	4191318.00	0.24763	559962.00	4191338.00	0.13101
559982.00	4191338.00	0.13378	560002.00	4191338.00	0.13677
560022.00	4191338.00	0.13990	560042.00	4191338.00	0.14315
560062.00	4191338.00	0.14656	560082.00	4191338.00	0.15011
560102.00	4191338.00	0.15382	560122.00	4191338.00	0.15771
560142.00	4191338.00	0.16177	560162.00	4191338.00	0.16602
560182.00	4191338.00	0.17046	560202.00	4191338.00	0.17512

***

INCLUDING SOURCE(S): L0000573 , L0000574 , L0000575 , L0000576 , L0000577 ,
L0000578 , L0000579 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
560222.00	4191338.00	0.18000	560242.00	4191338.00	0.18512
560302.00	4191338.00	0.20200	560322.00	4191338.00	0.20819
560342.00	4191338.00	0.21468	560362.00	4191338.00	0.22150
560382.00	4191338.00	0.22868	560402.00	4191338.00	0.23622
560422.00	4191338.00	0.24415	559962.00	4191358.00	0.12945
559982.00	4191358.00	0.13219	560002.00	4191358.00	0.13516
560022.00	4191358.00	0.13826	560042.00	4191358.00	0.14149
560062.00	4191358.00	0.14486	560082.00	4191358.00	0.14838
560102.00	4191358.00	0.15206	560122.00	4191358.00	0.15591
560142.00	4191358.00	0.15992	560162.00	4191358.00	0.16413
560182.00	4191358.00	0.16852	560202.00	4191358.00	0.17312
560222.00	4191358.00	0.17793	560242.00	4191358.00	0.18297
560262.00	4191358.00	0.18825	560282.00	4191358.00	0.19377
560302.00	4191358.00	0.19956	560322.00	4191358.00	0.20563
560342.00	4191358.00	0.21200	560362.00	4191358.00	0.21867
560382.00	4191358.00	0.22585	560402.00	4191358.00	0.23332
559962.00	4191378.00	0.12800	559982.00	4191378.00	0.13072
560002.00	4191378.00	0.13367	560022.00	4191378.00	0.13675
560042.00	4191378.00	0.13995	560062.00	4191378.00	0.14330
560082.00	4191378.00	0.14679	560102.00	4191378.00	0.15043
560122.00	4191378.00	0.15424	560142.00	4191378.00	0.15821
560162.00	4191378.00	0.16236	560182.00	4191378.00	0.16671
560202.00	4191378.00	0.17124	560222.00	4191378.00	0.17599
560242.00	4191378.00	0.18095	560262.00	4191378.00	0.18614
560282.00	4191378.00	0.19157	560302.00	4191378.00	0.19728
560322.00	4191378.00	0.20325	560342.00	4191378.00	0.20949
559982.00	4191398.00	0.12937	560002.00	4191398.00	0.13230
560022.00	4191398.00	0.13535	560042.00	4191398.00	0.13853
560062.00	4191398.00	0.14185	560082.00	4191398.00	0.14531

560102.00	4191398.00	0.14892	560122.00	4191398.00	0.15268
560142.00	4191398.00	0.15662	560162.00	4191398.00	0.16072
560182.00	4191398.00	0.16501	560202.00	4191398.00	0.16948
560222.00	4191398.00	0.17415	560242.00	4191398.00	0.17903
560262.00	4191398.00	0.18413	560282.00	4191398.00	0.18958
559982.00	4191418.00	0.12823	560002.00	4191418.00	0.13114
560022.00	4191418.00	0.13411	560042.00	4191418.00	0.13722
560062.00	4191418.00	0.14051	560082.00	4191418.00	0.14394
560102.00	4191418.00	0.14751	560122.00	4191418.00	0.15124
560142.00	4191418.00	0.15513	560162.00	4191418.00	0.15918
560182.00	4191418.00	0.16341	560202.00	4191418.00	0.16782

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL2 ***

INCLUDING SOURCE(S): L0000573 , L0000574 , L0000575 , L0000576 , L0000577 , L0000578 , L0000579 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
560222.00	4191418.00	0.17242	560242.00	4191418.00	0.17722
560262.00	4191418.00	0.18223	560002.00	4191438.00	0.13011
560022.00	4191438.00	0.13300	560042.00	4191438.00	0.13603
560062.00	4191438.00	0.13927	560082.00	4191438.00	0.14266
560102.00	4191438.00	0.14620	560122.00	4191438.00	0.14989
560142.00	4191438.00	0.15373	560162.00	4191438.00	0.15773
560182.00	4191438.00	0.16190	560202.00	4191438.00	0.16624
560222.00	4191438.00	0.17077	560242.00	4191438.00	0.17548
560262.00	4191438.00	0.18042	560042.00	4191458.00	0.13513
560062.00	4191458.00	0.13813	560082.00	4191458.00	0.14147
560102.00	4191458.00	0.14498	560122.00	4191458.00	0.14862
560142.00	4191458.00	0.15241	560162.00	4191458.00	0.15635
560182.00	4191458.00	0.16046	560202.00	4191458.00	0.16473

560222.00	4191458.00	0.16918	560242.00	4191458.00	0.17382
560262.00	4191458.00	0.17885	560142.00	4191478.00	0.15134
560162.00	4191478.00	0.15518	560182.00	4191478.00	0.15923
560202.00	4191478.00	0.16335	560222.00	4191478.00	0.16766
560242.00	4191478.00	0.17221	560155.00	4190663.00	0.23083
560175.00	4190663.00	0.23802	560115.00	4190683.00	0.21596
560135.00	4190683.00	0.22241	560155.00	4190683.00	0.22907
560175.00	4190683.00	0.23619	560095.00	4190703.00	0.20820
560115.00	4190703.00	0.21428	560135.00	4190703.00	0.22064
560155.00	4190703.00	0.22722	560175.00	4190703.00	0.23426
560095.00	4190723.00	0.20659	560115.00	4190723.00	0.21257
560135.00	4190723.00	0.21884	560155.00	4190723.00	0.22532
560175.00	4190723.00	0.23226	560195.00	4190723.00	0.23956
560095.00	4190743.00	0.20497	560115.00	4190743.00	0.21085
560135.00	4190743.00	0.21701	560155.00	4190743.00	0.22339
560175.00	4190743.00	0.23022	560195.00	4190743.00	0.23741
560075.00	4190763.00	0.19787	560095.00	4190763.00	0.20337
560115.00	4190763.00	0.20914	560135.00	4190763.00	0.21519
560155.00	4190763.00	0.22146	560175.00	4190763.00	0.22817
560195.00	4190763.00	0.23523	560215.00	4190763.00	0.24267
560075.00	4190783.00	0.19637	560095.00	4190783.00	0.20177
560115.00	4190783.00	0.20744	560135.00	4190783.00	0.21338
560155.00	4190783.00	0.21953	560175.00	4190783.00	0.22612
560195.00	4190783.00	0.23305	560215.00	4190783.00	0.24037
560235.00	4190783.00	0.24809	560075.00	4190803.00	0.19488
560095.00	4190803.00	0.20019	560115.00	4190803.00	0.20576
560135.00	4190803.00	0.21159	560155.00	4190803.00	0.21763

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL2 ***

INCLUDING SOURCE(S): L0000573 , L0000574 , L0000575 , L0000576 , L0000577 ,
L0000578 , L0000579 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
560175.00	4190803.00	0.22409	560195.00	4190803.00	0.23089
560215.00	4190803.00	0.23807	560235.00	4190803.00	0.24564
560255.00	4190803.00	0.25362	560275.00	4190803.00	0.26203
560075.00	4190823.00	0.19341	560095.00	4190823.00	0.19863
560115.00	4190823.00	0.20410	560135.00	4190823.00	0.20984
560155.00	4190823.00	0.21585	560175.00	4190823.00	0.22213
560195.00	4190823.00	0.22876	560215.00	4190823.00	0.23580
560235.00	4190823.00	0.24322	560255.00	4190823.00	0.25105
560275.00	4190823.00	0.25934	560295.00	4190823.00	0.26811
560315.00	4190823.00	0.27730	560115.00	4190843.00	0.20245
560135.00	4190843.00	0.20810	560155.00	4190843.00	0.21402
560175.00	4190843.00	0.22021	560195.00	4190843.00	0.22670
560215.00	4190843.00	0.23356	560235.00	4190843.00	0.24083
560255.00	4190843.00	0.24851	560275.00	4190843.00	0.25662
560295.00	4190843.00	0.26521	560315.00	4190843.00	0.27431
560335.00	4190843.00	0.28396	560195.00	4190863.00	0.22471
560215.00	4190863.00	0.23136	560235.00	4190863.00	0.23848
560255.00	4190863.00	0.24600	560275.00	4190863.00	0.25395
560295.00	4190863.00	0.26236	560315.00	4190863.00	0.27126
560335.00	4190863.00	0.28071	560075.00	4190883.00	0.18902
560095.00	4190883.00	0.19399	560115.00	4190883.00	0.19920
560255.00	4190883.00	0.24354	560275.00	4190883.00	0.25133
560295.00	4190883.00	0.25956	560315.00	4190883.00	0.26827
560335.00	4190883.00	0.27751			

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL3 ***

INCLUDING SOURCE(S): L0000580 , L0000581 , L0000582 , L0000583 , L0000584 ,
L0000585 , L0000586 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	559917.30	559937.30	559957.30	559977.30	559997.30	560017.30	560037.30	560057.30	560077.30
4191625.17	0.18070	0.18522	0.18995	0.19489	0.20016	0.20564	0.21138	0.21745	0.22376
4191605.17	0.18207	0.18666	0.19146	0.19649	0.20175	0.20727	0.21312	0.21940	0.22584
4191585.17	0.18345	0.18812	0.19300	0.19811	0.20351	0.20913	0.21498	0.22117	0.22795
4191565.17	0.18485	0.18959	0.19455	0.19984	0.20543	0.21116	0.21717	0.22327	0.23012
4191545.17	0.18626	0.19121	0.19630	0.20165	0.20697	0.21287	0.21916	0.22556	0.23235
4191525.17	0.18773	0.19282	0.19798	0.20333	0.20871	0.21475	0.22116	0.22771	0.23461
4191505.17	0.18916	0.19434	0.19958	0.20505	0.21073	0.21676	0.22317	0.22985	0.23688
4191485.17	0.19060	0.19586	0.20119	0.20676	0.21260	0.21875	0.22520	0.23191	0.23898
4191465.17	0.19205	0.19739	0.20281	0.20848	0.21443	0.22068	0.22725	0.23352	0.24052
4191445.17	0.19346	0.19878	0.20431	0.21008	0.21613	0.22235	0.22876	0.23554	0.24289
4191425.17	0.19492	0.20024	0.20572	0.21148	0.21764	0.22393	0.23054	0.23772	0.24530
4191405.17	0.19639	0.20181	0.20723	0.21290	0.21916	0.22575	0.23269	0.24001	0.24773
4191385.17	0.19758	0.20334	0.20892	0.21469	0.22107	0.22778	0.23485	0.24230	0.25016
4191365.17	0.19891	0.20489	0.21062	0.21649	0.22299	0.22981	0.23700	0.24457	0.25255
4191345.17	0.20041	0.20649	0.21231	0.21829	0.22489	0.23183	0.23912	0.24679	0.25487
4191325.17	0.20191	0.20808	0.21400	0.22007	0.22676	0.23379	0.24117	0.24893	0.25708
4191305.17	0.20338	0.20948	0.21564	0.22199	0.22863	0.23566	0.24312	0.25094	0.25914
4191285.17	0.20476	0.21070	0.21717	0.22394	0.23041	0.23743	0.24493	0.25279	0.26102
4191265.17	0.20615	0.21215	0.21849	0.22519	0.23194	0.23906	0.24658	0.25445	0.26269
4191245.17	0.20747	0.21351	0.21983	0.22643	0.23332	0.24053	0.24806	0.25592	0.26414
4191225.17	0.20871	0.21479	0.22112	0.22773	0.23463	0.24183	0.24935	0.25718	0.26536
4191205.17	0.20987	0.21596	0.22230	0.22897	0.23620	0.24347	0.25090	0.25833	0.26637
4191185.17	0.21094	0.21702	0.22349	0.23028	0.23740	0.24463	0.25204	0.25952	0.26736
4191165.17	0.21193	0.21800	0.22457	0.23150	0.23835	0.24548	0.25289	0.26059	0.26824
4191145.17	0.21284	0.21888	0.22523	0.23196	0.23907	0.24619	0.25354	0.26118	0.26874
4191125.17	0.21368	0.21970	0.22594	0.23249	0.23969	0.24682	0.25409	0.26164	0.26911
4191105.17	0.21448	0.22046	0.22666	0.23316	0.24029	0.24736	0.25456	0.26202	0.26938
4191085.17	0.21558	0.22123	0.22732	0.23377	0.24084	0.24783	0.25495	0.26231	0.26956
4191065.17	0.21624	0.22190	0.22794	0.23433	0.24134	0.24825	0.25527	0.26253	0.26965
4191045.17	0.21663	0.22248	0.22852	0.23484	0.24178	0.24860	0.25552		

0.26265 0.26970
4191025.17 | 0.21728 0.22307 0.22905 0.23530 0.24215 0.24887 0.25567
0.26266 0.26978
4191005.17 | 0.21788 0.22361 0.22952 0.23569 0.24244 0.24904 0.25570
0.26273 0.26968
4190985.17 | 0.21842 0.22408 0.22991 0.23597 0.24261 0.24908 0.25565
0.26259 0.26939
4190965.17 | 0.21888 0.22446 0.23018 0.23614 0.24264 0.24896 0.25536
0.26211 0.26873
4190945.17 | 0.21923 0.22471 0.23032 0.23615 0.24250 0.24877 0.25509
0.26141 0.26780
4190925.17 | 0.21945 0.22482 0.23030 0.23598 0.24217 0.24841 0.25442
0.26047 0.26661
4190905.17 | 0.21952 0.22475 0.23010 0.23561 0.24162 0.24766 0.25346
0.25927 0.26516
4190885.17 | 0.21941 0.22451 0.22969 0.23502 0.24065 0.24656 0.25224
0.25781 0.26344
4190865.17 | 0.21912 0.22406 0.22907 0.23414 0.23928 0.24510 0.25077
0.25610 0.26148
4190845.17 | 0.21863 0.22340 0.22823 0.23311 0.23803 0.24362 0.24906
0.25415 0.25927

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL3 ***

INCLUDING SOURCE(S): L0000580 , L0000581 , L0000582 , L0000583 , L0000584 , L0000585 , L0000586 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	559917.30	559937.30	559957.30	559977.30	559997.30	560017.30	560037.30	560057.30	560077.30
4190825.17	0.21794	0.22253	0.22717	0.23185	0.23677	0.24198	0.24709	0.25195	0.25684
4190805.17	0.21704	0.22145	0.22590	0.23051	0.23540	0.24005	0.24468	0.24955	0.25421
4190785.17	0.21601	0.22054	0.22486	0.22913	0.23324	0.23747	0.24194	0.24694	0.25138
4190765.17	0.21491	0.21907	0.22312	0.22713	0.23093	0.23494	0.23925	0.24414	0.24837
4190745.17	0.21366	0.21717	0.22088	0.22473	0.22858	0.23244	0.23653	0.24119	0.24518
4190725.17	0.21173	0.21526	0.21884	0.22248	0.22612	0.22977	0.23356	0.23776	0.24176
4190705.17	0.20973	0.21318	0.21662	0.22006	0.22349	0.22693	0.23043	0.23416	0.23812
4190685.17	0.20774	0.21100	0.21424	0.21747	0.22070	0.22392	0.22714	0.23036	0.23420
4190665.17	0.20558	0.20865	0.21169	0.21473	0.21775	0.22076	0.22377	0.22677	0.23038
4190645.17	0.20327	0.20614	0.20899	0.21183	0.21465	0.21746	0.22025	0.22303	0.22640

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL3 ***

INCLUDING SOURCE(S): L0000580 , L0000581 , L0000582 , L0000583 , L0000584 ,
L0000585 , L0000586 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	560097.30	560117.30	560137.30	560157.30	560177.30	560197.30	560217.30	560237.30	560257.30
4191625.17	0.23039	0.23737	0.24474	0.25252	0.26075	0.26947	0.27871	0.28852	0.29896
4191605.17	0.23261	0.23972	0.24723	0.25516	0.26355	0.27244	0.28186	0.29188	0.30254
4191585.17	0.23487	0.24212	0.24977	0.25785	0.26641	0.27548	0.28511	0.29534	0.30624
4191565.17	0.23713	0.24430	0.25204	0.26028	0.26900	0.27841	0.28844	0.29890	0.31005
4191545.17	0.23947	0.24683	0.25463	0.26293	0.27183	0.28156	0.29186	0.30257	0.31398
4191525.17	0.24189	0.24957	0.25752	0.26586	0.27496	0.28490	0.29537	0.30632	0.31800
4191505.17	0.24431	0.25215	0.26042	0.26919	0.27850	0.28810	0.29818	0.30934	0.32153
4191485.17	0.24654	0.25454	0.26287	0.27153	0.28102	0.29083	0.30121	0.31258	0.32526
4191465.17	0.24821	0.25633	0.26494	0.27405	0.28371	0.29398	0.30488	0.31646	0.32927
4191445.17	0.25074	0.25904	0.26782	0.27711	0.28697	0.29743	0.30853	0.32031	0.33296
4191425.17	0.25330	0.26176	0.27071	0.28018	0.29022	0.30084	0.31211	0.32406	0.33673
4191405.17	0.25588	0.26449	0.27360	0.28322	0.29340	0.30417	0.31557	0.32764	0.34043
4191385.17	0.25844	0.26719	0.27642	0.28617	0.29647	0.30735	0.31885	0.33101	0.34385
4191365.17	0.26095	0.26981	0.27915	0.28900	0.29938	0.31034	0.32189	0.33409	0.34695
4191345.17	0.26337	0.27231	0.28173	0.29164	0.30208	0.31307	0.32465	0.33684	0.34968
4191325.17	0.26565	0.27465	0.28411	0.29406	0.30452	0.31551	0.32707	0.33922	0.35201
4191305.17	0.26775	0.27678	0.28626	0.29621	0.30666	0.31762	0.32913	0.34121	0.35390
4191285.17	0.26964	0.27868	0.28815	0.29807	0.30848	0.31938	0.33081	0.34279	0.35535
4191265.17	0.27130	0.28032	0.28975	0.29963	0.30996	0.32078	0.33210	0.34395	0.35635
4191245.17	0.27272	0.28169	0.29107	0.30087	0.31111	0.32182	0.33301	0.34470	0.35690
4191225.17	0.27390	0.28281	0.29210	0.30181	0.31194	0.32251	0.33354	0.34504	0.35702
4191205.17	0.27484	0.28367	0.29287	0.30247	0.31247	0.32288	0.33373	0.34501	0.35674
4191185.17	0.27557	0.28431	0.29341	0.30287	0.31272	0.32296	0.33360	0.34464	0.35608
4191165.17	0.27612	0.28476	0.29373	0.30305	0.31273	0.32277	0.33318	0.34395	0.35510
4191145.17	0.27652	0.28503	0.29387	0.30303	0.31252	0.32235	0.33251		

0.34300   0.35382
  4191125.17 | 0.27678   0.28517   0.29385   0.30284   0.31213   0.32172   0.33161
0.34180   0.35228
  4191105.17 | 0.27693   0.28517   0.29369   0.30249   0.31156   0.32090   0.33050
0.34037   0.35051
  4191085.17 | 0.27697   0.28506   0.29340   0.30199   0.31082   0.31989   0.32920
0.33874   0.34853
  4191065.17 | 0.27691   0.28482   0.29296   0.30133   0.30990   0.31869   0.32769
0.33691   0.34634
  4191045.17 | 0.27672   0.28445   0.29237   0.30049   0.30880   0.31730   0.32598
0.33486   0.34394
  4191025.17 | 0.27692   0.28401   0.29160   0.29946   0.30749   0.31568   0.32405
0.33258   0.34131
  4191005.17 | 0.27664   0.28337   0.29062   0.29821   0.30595   0.31383   0.32187
0.33007   0.33844
  4190985.17 | 0.27594   0.28243   0.28942   0.29672   0.30416   0.31173   0.31944
0.32742   0.33546
  4190965.17 | 0.27542   0.28183   0.28834   0.29497   0.30210   0.30969   0.31760
0.32563   0.33347
  4190945.17 | 0.27427   0.28079   0.28719   0.29371   0.30056   0.30772   0.31523
0.32257   0.33001
  4190925.17 | 0.27283   0.27914   0.28553   0.29201   0.29859   0.30528   0.31209
0.31904   0.32612
  4190905.17 | 0.27112   0.27715   0.28326   0.28945   0.29573   0.30212   0.30860
0.31506   0.32172
  4190885.17 | 0.26914   0.27490   0.28070   0.28659   0.29261   0.29868   0.30481
0.31079   0.31710
  4190865.17 | 0.26691   0.27240   0.27790   0.28329   0.28926   0.29500   0.30049
0.30646   0.31253
  4190845.17 | 0.26445   0.26968   0.27495   0.28027   0.28559   0.29094   0.29636
0.30202   0.30775

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                           *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: HAUL3
***
                               INCLUDING SOURCE(S):   L0000580   , L0000581   , L0000582   , L0000583   ,
L0000584   ,
                L0000585   , L0000586   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 560097.30   560117.30   560137.30   560157.30   560177.30   560197.30   560217.30
560237.30   560257.30
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  4190825.17 | 0.26177   0.26674   0.27174   0.27676   0.28163   0.28676   0.29203
0.29737   0.30276
  4190805.17 | 0.25888   0.26360   0.26829   0.27276   0.27763   0.28254   0.28751
0.29252   0.29755
  4190785.17 | 0.25581   0.26029   0.26471   0.26893   0.27351   0.27814   0.28279
0.28746   0.29185
  4190765.17 | 0.25256   0.25679   0.26096   0.26491   0.26922   0.27354   0.27787
0.28193   0.28582
  4190745.17 | 0.24914   0.25312   0.25703   0.26072   0.26474   0.26876   0.27268
0.27600   0.27967
  4190725.17 | 0.24555   0.24928   0.25293   0.25635   0.26008   0.26378   0.26737
0.27035   0.27365
  4190705.17 | 0.24179   0.24527   0.24866   0.25181   0.25524   0.25848   0.26156
0.26443   0.26746

                           *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: HAUL3
***
                               INCLUDING SOURCE(S):   L0000580   , L0000581   , L0000582   , L0000583   ,
L0000584   ,
                L0000585   , L0000586   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 560277.30   560297.30   560317.30   560337.30   560357.30   560377.30   560397.30
560417.30   560437.30
 -
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  4191625.17 | 0.31009   0.32196   0.33466   0.34824   0.36160   0.37665   0.39349
0.41169   0.43140
  4191605.17 | 0.31391   0.32605   0.33904   0.35294   0.36734   0.38262   0.39925
0.41788   0.43806
  4191585.17 | 0.31786   0.33028   0.34358   0.35784   0.37317   0.38916   0.40542
0.42449   0.44514
  4191565.17 | 0.32195   0.33467   0.34828   0.36289   0.37859   0.39544   0.41349
0.43313   0.45436
  4191545.17 | 0.32616   0.33918   0.35312   0.36808   0.38413   0.40139   0.41997
0.44000   0.46160
  4191525.17 | 0.33047   0.34380   0.35806   0.37334   0.38972   0.40732   0.42622
0.44656   0.46845
  4191505.17 | 0.33470   0.34846   0.36302   0.37860   0.39527   0.41315   0.43232
0.45289   0.47498
  4191485.17 | 0.33883   0.35311   0.36795   0.38377   0.40068   0.41877   0.43813
0.45885   0.48105
  4191465.17 | 0.34319   0.35770   0.37274   0.38876   0.40585   0.42408   0.44355
0.46434   0.48656
  4191445.17 | 0.34678   0.36211   0.37733   0.39348   0.41067   0.42898   0.44849
0.46927   0.49141
  4191425.17 | 0.35045   0.36607   0.38159   0.39785   0.41508   0.43340   0.45286
0.47355   0.49554
  4191405.17 | 0.35410   0.36939   0.38535   0.40177   0.41899   0.43724   0.45661
0.47714   0.49890
  4191385.17 | 0.35743   0.37208   0.38759   0.40400   0.42105   0.43958   0.45931
0.47958   0.50135
  4191365.17 | 0.36053   0.37486   0.38998   0.40595   0.42280   0.44117   0.46055
0.48043   0.50236
  4191345.17 | 0.36321   0.37747   0.39249   0.40831   0.42498   0.44252   0.46099
0.48041   0.50200
  4191325.17 | 0.36545   0.37959   0.39446   0.41009   0.42652   0.44377   0.46188
0.48087   0.50258
  4191305.17 | 0.36723   0.38121   0.39588   0.41128   0.42741   0.44432   0.46201
0.48051   0.50166
  4191285.17 | 0.36852   0.38230   0.39674   0.41185   0.42764   0.44414   0.46137
0.47935   0.49905
  4191265.17 | 0.36932   0.38287   0.39703   0.41181   0.42721   0.44327   0.45999
0.47740   0.49577
  4191245.17 | 0.36964   0.38292   0.39676   0.41116   0.42614   0.44171   0.45790

0.47472   0.49221
  4191225.17 | 0.36950   0.38247   0.39595   0.40995   0.42447   0.43953   0.45515
0.47137   0.48823
  4191205.17 | 0.36892   0.38155   0.39465   0.40821   0.42225   0.43679   0.45185
0.46746   0.48368
  4191185.17 | 0.36794   0.38021   0.39289   0.40601   0.41955   0.43357   0.44807
0.46310   0.47870
  4191165.17 | 0.36661   0.37849   0.39076   0.40341   0.41647   0.42996   0.44391
0.45837   0.47338
  4191145.17 | 0.36497   0.37646   0.38830   0.40049   0.41307   0.42605   0.43948
0.45339   0.46782
  4191125.17 | 0.36306   0.37415   0.38556   0.39731   0.40942   0.42191   0.43483
0.44821   0.46209
  4191105.17 | 0.36092   0.37162   0.38261   0.39391   0.40556   0.41759   0.43002
0.44289   0.45623
  4191085.17 | 0.35857   0.36887   0.37945   0.39033   0.40154   0.41311   0.42506
0.43743   0.45023
  4191065.17 | 0.35601   0.36592   0.37609   0.38656   0.39734   0.40846   0.41995
0.43181   0.44407
  4191045.17 | 0.35324   0.36276   0.37255   0.38261   0.39296   0.40364   0.41465
0.42601   0.43772
  4191025.17 | 0.35024   0.35939   0.36879   0.37844   0.38838   0.39861   0.40933
0.42109   0.43246
  4191005.17 | 0.34701   0.35622   0.36539   0.37467   0.38421   0.39433   0.40473
0.41583   0.42663
  4190985.17 | 0.34381   0.35299   0.36190   0.37082   0.37997   0.38996   0.39977
0.40965   0.41975
  4190965.17 | 0.34148   0.34966   0.35798   0.36652   0.37526   0.38424   0.39344
0.40277   0.41225
  4190945.17 | 0.33760   0.34536   0.35331   0.36143   0.36974   0.37821   0.38683
0.39548   0.40428
  4190925.17 | 0.33336   0.34076   0.34831   0.35602   0.36387   0.37185   0.37986
0.38753   0.39544
  4190905.17 | 0.32860   0.33561   0.34275   0.35002   0.35738   0.36482   0.37232
0.37960   0.38698
  4190885.17 | 0.32362   0.33024   0.33697   0.34378   0.35065   0.35755   0.36446
0.37135   0.37819
  4190865.17 | 0.31869   0.32494   0.33125   0.33760   0.34398   0.35034   0.35667
0.36292   0.36909
  4190845.17 | 0.31355   0.31940   0.32528   0.33117   0.33703   0.34284   0.34857
0.35419   0.35968

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: HAUL3
***
INCLUDING SOURCE(S):   L0000580   , L0000581   , L0000582   , L0000583   ,
L0000584   ,
L0000585   , L0000586   ,

*** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 560277.30   560297.30   560317.30   560337.30   560357.30   560377.30   560397.30
560417.30   560437.30
 -
- - - - - - - -

  4190825.17 | 0.30818   0.31363   0.31885   0.32402   0.32935   0.33458   0.33970
0.34467   0.34947
  4190805.17 | 0.30259   0.30761   0.31206   0.31633   0.32110   0.32575   0.33024
0.33457   0.33870

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL3 ***

INCLUDING SOURCE(S): L0000580 , L0000581 , L0000582 , L0000583 , L0000584 , L0000585 , L0000586 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)								
	560457.30	560477.30	560497.30	560517.30	560537.30	560557.30	560577.30	560597.30	560617.30
4191625.17	0.45281	0.47612	0.50153	0.52930	0.55970	0.59305	0.62969	0.66998	0.71436
4191605.17	0.45996	0.48377	0.50971	0.53829	0.57067	0.60526	0.64260	0.68356	0.72891
4191585.17	0.46752	0.49181	0.51823	0.54754	0.58190	0.61653	0.65429	0.69557	0.73995
4191565.17	0.47733	0.50223	0.52924	0.55878	0.59030	0.62454	0.66224	0.70331	0.74699
4191545.17	0.48493	0.51014	0.53742	0.56685	0.59837	0.63285	0.67040	0.71113	0.75474
4191525.17	0.49203	0.51744	0.54485	0.57443	0.60636	0.64085	0.67810	0.71836	0.76189
4191505.17	0.49871	0.52421	0.55163	0.58113	0.61286	0.64701	0.68376	0.72332	0.76592
4191485.17	0.50483	0.53032	0.55761	0.58684	0.61824	0.65197	0.68811	0.72684	0.76840
4191465.17	0.51029	0.53566	0.56268	0.59051	0.62136	0.65563	0.69112	0.72890	0.76933
4191445.17	0.51501	0.54015	0.56693	0.59542	0.62582	0.65822	0.69276	0.72953	0.76877
4191425.17	0.51891	0.54374	0.57012	0.59814	0.62781	0.65936	0.69292	0.72861	0.76663
4191405.17	0.52196	0.54639	0.57227	0.59965	0.62783	0.65793	0.69039	0.72485	0.76151
4191385.17	0.52412	0.54807	0.57336	0.60007	0.62824	0.65770	0.68808	0.72143	0.75686
4191365.17	0.52525	0.54864	0.57335	0.59936	0.62673	0.65553	0.68571	0.71805	0.75173
4191345.17	0.52462	0.54732	0.57222	0.59755	0.62405	0.65200	0.68152		

0.71277 0.74569
4191325.17 | 0.52496 0.54707 0.57029 0.59470 0.62031 0.64730 0.67580
0.70594 0.73765
4191305.17 | 0.52341 0.54487 0.56732 0.59085 0.61557 0.64161 0.66908
0.69812 0.72873
4191285.17 | 0.52020 0.54168 0.56338 0.58607 0.60990 0.63499 0.66144
0.68937 0.71890
4191265.17 | 0.51567 0.53764 0.55858 0.58045 0.60340 0.62754 0.65296
0.67977 0.70807
4191245.17 | 0.51094 0.53244 0.55299 0.57408 0.59616 0.61935 0.64375
0.66943 0.69649
4191225.17 | 0.50602 0.52602 0.54650 0.56709 0.58829 0.61055 0.63392
0.65847 0.68428
4191205.17 | 0.50056 0.51867 0.53922 0.55959 0.57994 0.60125 0.62360
0.64702 0.67158
4191185.17 | 0.49492 0.51183 0.53172 0.55172 0.57121 0.59160 0.61292
0.63522 0.65854
4191165.17 | 0.48898 0.50523 0.52438 0.54355 0.56223 0.58170 0.60200
0.62318 0.64529
4191145.17 | 0.48282 0.49842 0.51545 0.53364 0.55297 0.57163 0.59092
0.61100 0.63190
4191125.17 | 0.47650 0.49147 0.50702 0.52372 0.54319 0.56143 0.57948
0.59846 0.61784
4191105.17 | 0.47006 0.48439 0.49925 0.51492 0.53270 0.55106 0.56764
0.58551 0.60260
4191085.17 | 0.46347 0.47718 0.49134 0.50596 0.52161 0.53906 0.55666
0.57344 0.59092
4191065.17 | 0.45673 0.47048 0.48420 0.49810 0.51240 0.52787 0.54375
0.56008 0.57642
4191045.17 | 0.45021 0.46387 0.47707 0.49025 0.50375 0.51758 0.53219
0.54760 0.56264
4191025.17 | 0.44397 0.45613 0.46892 0.48175 0.49443 0.50737 0.52058
0.53369 0.54646
4191005.17 | 0.43756 0.44871 0.46034 0.47207 0.48371 0.49562 0.50770
0.51849 0.52950
4190985.17 | 0.43004 0.44051 0.45113 0.46185 0.47199 0.48255 0.49339
0.50270 0.51321
4190965.17 | 0.42187 0.43161 0.44144 0.45131 0.46054 0.47014 0.47992
0.48816 0.49747
4190945.17 | 0.41320 0.42218 0.43120 0.44017 0.44854 0.45734 0.46607
0.47324 0.48136
4190925.17 | 0.40363 0.41182 0.41999 0.42811 0.43618 0.44417 0.45185
0.45796 0.46490
4190905.17 | 0.39446 0.40189 0.40924 0.41650 0.42365 0.43065 0.43730
0.44238 0.44820
4190885.17 | 0.38496 0.39162 0.39816 0.40456 0.41079 0.41684 0.42250
0.42659 0.43135
4190865.17 | 0.37513 0.38103 0.38677 0.39233 0.39768 0.40281 0.40735
0.41071 0.41448
4190845.17 | 0.36487 0.36926 0.37401 0.37872 0.38320 0.38743 0.39139
0.39464 0.39775

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL3 ***

INCLUDING SOURCE(S): L0000580 , L0000581 , L0000582 , L0000583 , L0000584 , L0000585 , L0000586 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

```
    Y-COORD  |                                              X-COORD (METERS)
    (METERS) |     560457.30    560477.30    560497.30    560517.30    560537.30    560557.30    560577.30
560597.30    560617.30
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

  4190825.17 |       0.35394      0.35770      0.36169      0.36563      0.36932      0.37275      0.37590
0.37875      0.38127
  4190805.17 |       0.34262      0.34633      0.34981      0.35305      0.35604      0.35876      0.36121
0.36335      0.36518
  4190785.17 |       0.33198      0.33506      0.33791      0.34052      0.34287      0.34497      0.34679
0.34833      0.34955
  4190765.17 |       0.32128      0.32379      0.32607      0.32812      0.32992      0.33146      0.33275
0.33375      0.33446
  4190745.17 |       0.31062      0.31261      0.31439      0.31593      0.31724      0.31831      0.31913
0.31969      0.31997
  4190725.17 |       0.30004      0.30158      0.30291      0.30402      0.30490      0.30556      0.30599
0.30617      0.30611
  4190705.17 |       0.28963      0.29077      0.29170      0.29243      0.29295      0.29326      0.29335
0.29324      0.29291
  4190685.17 |       0.27942      0.28021      0.28080      0.28120      0.28141      0.28143      0.28126
0.28091      0.28039
  4190665.17 |       0.26946      0.26994      0.27024      0.27036      0.27031      0.27010      0.26973
0.26920      0.26855
  4190645.17 |       0.25977      0.25999      0.26004      0.25993      0.25968      0.25928      0.25876
0.25813      0.25739
1 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

  PAGE 799
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

                            *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: HAUL3
***
                                INCLUDING SOURCE(S):     L0000580    , L0000581    , L0000582    , L0000583    ,
L0000584    ,
                L0000585    , L0000586    ,

                                 *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                      ** CONC OF PM_10    IN MICROGRAMS/M**3                          **

    Y-COORD  |                                              X-COORD (METERS)
    (METERS) |     560637.30    560657.30    560677.30    560697.30    560717.30    560737.30    560757.30
560777.30    560797.30
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

  4191625.17 |       0.76329      0.81727      0.87688      0.94420      1.02359      1.10723      1.19813
1.29913      1.41270
  4191605.17 |       0.77915      0.83363      0.89357      0.96057      1.03361      1.11256      1.20157
1.30062      1.41019
  4191585.17 |       0.78822      0.84219      0.90131      0.96545      1.03401      1.11074      1.19677
1.29538      1.40172
  4191565.17 |       0.79435      0.84730      0.90507      0.96816      1.03839      1.11319      1.19399
1.28647      1.38814
  4191545.17 |       0.80195      0.85396      0.91081      0.97335      1.04095      1.11379      1.19251
1.27802      1.37381
  4191525.17 |       0.80896      0.85992      0.91496      0.97290      1.04031      1.11157      1.18902
1.26872      1.35903
  4191505.17 |       0.81183      0.86136      0.91469      0.97010      1.03398      1.10429      1.17925
1.26031      1.34726
  4191485.17 |       0.81304      0.86106      0.91275      0.96765      1.02708      1.09413      1.16755
1.24666      1.33150
  4191465.17 |       0.81264      0.85914      0.90917      0.96312      1.01978      1.08175      1.15131
1.22995      1.31317
  4191445.17 |       0.81073      0.85569      0.90390      0.95488      1.01214      1.07247      1.13595
```

1.20956 1.29123
4191425.17 | 0.80722 0.85065 0.89635 0.94540 1.00165 1.06014 1.12224
1.18981 1.26847
4191405.17 | 0.80058 0.84235 0.88709 0.93568 0.98981 1.04609 1.10693
1.17064 1.24500
4191385.17 | 0.79460 0.83489 0.87800 0.92476 0.97681 1.03078 1.08904
1.15215 1.22002
4191365.17 | 0.78744 0.82627 0.86867 0.91453 0.96275 1.01439 1.07007
1.13043 1.19387
4191345.17 | 0.77915 0.81653 0.85851 0.90168 0.94759 0.99690 1.05005
1.10756 1.16899
4191325.17 | 0.76981 0.80573 0.84605 0.88741 0.93129 0.97835 1.02885
1.08248 1.14108
4191305.17 | 0.76087 0.79543 0.83271 0.87209 0.91394 0.95876 1.00678
1.05712 1.11252
4191285.17 | 0.75015 0.78327 0.81842 0.85579 0.89562 0.93819 0.98363
1.03144 1.08382
4191265.17 | 0.73796 0.76958 0.80306 0.83859 0.87640 0.91641 0.95878
1.00460 1.05426
4191245.17 | 0.72501 0.75511 0.78692 0.82062 0.85642 0.89393 0.93341
0.97703 1.02398
4191225.17 | 0.71142 0.74001 0.77016 0.80205 0.83585 0.87138 0.90833
0.94926 0.99319
4191205.17 | 0.69736 0.72444 0.75296 0.78305 0.81489 0.84859 0.88424
0.92149 0.96217
4191185.17 | 0.68296 0.70857 0.73548 0.76381 0.79373 0.82526 0.85852
0.89337 0.93170
4191165.17 | 0.66838 0.69254 0.71788 0.74449 0.77253 0.80169 0.83195
0.86507 0.90141
4191145.17 | 0.65369 0.67643 0.70022 0.72510 0.75079 0.77799 0.80679
0.83833 0.87085
4191125.17 | 0.63773 0.65951 0.68204 0.70544 0.72916 0.75485 0.78211
0.81052 0.84003
4191105.17 | 0.61988 0.64096 0.66280 0.68528 0.70778 0.73207 0.75689
0.78242 0.80901
4191085.17 | 0.60889 0.62725 0.64659 0.66662 0.68732 0.70882 0.73108
0.75403 0.77770
4191065.17 | 0.59325 0.61077 0.62857 0.64684 0.66529 0.68393 0.70292
0.72306 0.74357
4191045.17 | 0.57799 0.59375 0.60991 0.62636 0.64188 0.65617 0.67077
0.68790 0.70505
4191025.17 | 0.55926 0.57340 0.58779 0.60203 0.61595 0.63027 0.64401
0.65857 0.67288
4191005.17 | 0.54101 0.55361 0.56632 0.57908 0.59181 0.60443 0.61683
0.62888 0.64046
4190985.17 | 0.52436 0.53554 0.54668 0.55773 0.56859 0.57918 0.58936
0.59903 0.60806
4190965.17 | 0.50731 0.51706 0.52666 0.53602 0.54507 0.55370 0.56181
0.56928 0.57602
4190945.17 | 0.48989 0.49823 0.50632 0.51407 0.52140 0.52822 0.53443
0.53995 0.54471
4190925.17 | 0.47217 0.47915 0.48581 0.49205 0.49780 0.50298 0.50752
0.51136 0.51444
4190905.17 | 0.45424 0.45996 0.46528 0.47015 0.47449 0.47824 0.48134
0.48377 0.48550
4190885.17 | 0.43626 0.44081 0.44493 0.44857 0.45168 0.45421 0.45612
0.45741 0.45808
4190865.17 | 0.41837 0.42187 0.42493 0.42751 0.42958 0.43109 0.43203
0.43243 0.43229
4190845.17 | 0.40072 0.40330 0.40545 0.40713 0.40832 0.40901 0.40920
0.40891 0.40821

Y-COORD (METERS)	X-COORD (METERS)							
	560637.30	560657.30	560677.30	560697.30	560717.30	560737.30	560757.30	560777.30	560797.30
4190825.17	0.38344	0.38523	0.38660	0.38753	0.38802	0.38806	0.38768	0.38692	0.38583
4190805.17	0.36666	0.36777	0.36849	0.36882	0.36876	0.36831	0.36752	0.36644	0.36512
4190785.17	0.35044	0.35100	0.35120	0.35105	0.35057	0.34978	0.34872	0.34744	0.34600
4190765.17	0.33487	0.33497	0.33476	0.33426	0.33348	0.33246	0.33124	0.32987	0.32838
4190745.17	0.31999	0.31973	0.31921	0.31846	0.31748	0.31633	0.31504	0.31363	0.31214
4190725.17	0.30582	0.30530	0.30456	0.30364	0.30256	0.30135	0.30003	0.29862	0.29715
4190705.17	0.29239	0.29168	0.29081	0.28980	0.28867	0.28744	0.28613	0.28474	0.28330
4190685.17	0.27971	0.27888	0.27794	0.27689	0.27575	0.27453	0.27324	0.27188	0.27047
4190665.17	0.26777	0.26689	0.26591	0.26486	0.26373	0.26253	0.26127	0.25994	0.25855
4190645.17	0.25657	0.25566	0.25469	0.25365	0.25255	0.25137	0.25012	0.24881	0.24746

Y-COORD (METERS)	X-COORD (METERS)							
	560817.30	560837.30	560857.30	560877.30	560897.30	560917.30	560937.30	560957.30	560977.30
4191625.17	1.53865	1.68000	1.83946	2.02053	2.22780	2.46759	2.74899	3.08577	3.50003
4191605.17	1.53186	1.66805	1.82267	1.99802	2.19690	2.42649	2.69520	3.01546	3.40651
4191585.17	1.51874	1.64946	1.79970	1.97098	2.16181	2.38173	2.63849	2.94319	3.31274
4191565.17	1.50108	1.63050	1.77332	1.93479	2.11677	2.32601	2.57108	2.86733	3.21841
4191545.17	1.48225	1.60830	1.74536	1.89821	2.07202	2.27151	2.50478		

2.78524 3.11664
4191525.17 | 1.46319 1.58420 1.71557 1.86191 2.02813 2.21872 2.43967
2.69939 3.01010
4191505.17 | 1.44195 1.55788 1.68585 1.82835 1.98326 2.16408 2.37482
2.62223 2.91748
4191485.17 | 1.42385 1.53255 1.65334 1.78799 1.93855 2.11049 2.30890
2.54931 2.83247
4191465.17 | 1.40492 1.50675 1.61875 1.74363 1.89257 2.05726 2.24470
2.47618 2.74606
4191445.17 | 1.37908 1.47609 1.58396 1.70468 1.84341 2.00108 2.18191
2.39147 2.64161
4191425.17 | 1.35240 1.44377 1.54689 1.66303 1.79230 1.94067 2.11169
2.30709 2.54173
4191405.17 | 1.32448 1.40966 1.50803 1.61904 1.73876 1.87695 2.03804
2.22583 2.44779
4191385.17 | 1.29054 1.37185 1.46698 1.57321 1.68793 1.81891 1.97043
2.14670 2.35459
4191365.17 | 1.26083 1.33779 1.42728 1.52784 1.63715 1.76115 1.90330
2.06819 2.26202
4191345.17 | 1.23465 1.30513 1.38919 1.48416 1.58708 1.70348 1.83647
1.99015 2.17008
4191325.17 | 1.20434 1.27101 1.35044 1.43996 1.53664 1.64562 1.76965
1.91241 2.07883
4191305.17 | 1.17312 1.23605 1.31091 1.39503 1.48557 1.58728 1.70260
1.83478 1.98817
4191285.17 | 1.14100 1.20019 1.26991 1.34927 1.43375 1.52831 1.63512
1.75699 1.89769
4191265.17 | 1.10802 1.16347 1.22691 1.29922 1.38056 1.46866 1.56705
1.67874 1.80686
4191245.17 | 1.07432 1.12606 1.18567 1.25279 1.32740 1.40843 1.49844
1.59996 1.71554
4191225.17 | 1.04015 1.08868 1.14497 1.20791 1.27445 1.34791 1.42956
1.52096 1.62410
4191205.17 | 1.00648 1.05449 1.10545 1.16029 1.22093 1.28745 1.36141
1.44522 1.53561
4191185.17 | 0.97316 1.01730 1.06417 1.11426 1.16920 1.22826 1.29310
1.36657 1.44575
4191165.17 | 0.93933 0.97926 1.02193 1.06763 1.11675 1.16975 1.22487
1.28678 1.35628
4191145.17 | 0.90514 0.94134 0.97973 1.02051 1.06388 1.11016 1.15961
1.21207 1.26258
4191125.17 | 0.87097 0.90346 0.93758 0.97343 1.01106 1.04956 1.08940
1.12896 1.16416
4191105.17 | 0.83667 0.86542 0.89526 0.92616 0.95768 0.98837 1.01469
1.03973 1.06844
4191085.17 | 0.80184 0.82510 0.84981 0.87481 0.89667 0.91927 0.94311
0.96478 0.98613
4191065.17 | 0.76435 0.78299 0.80242 0.82220 0.83879 0.85701 0.87521
0.89544 0.91198
4191045.17 | 0.72210 0.73890 0.75529 0.77108 0.78608 0.80003 0.81459
0.83130 0.84278
4191025.17 | 0.68679 0.70016 0.71283 0.72462 0.73537 0.74730 0.75938
0.77099 0.77589
4191005.17 | 0.65142 0.66163 0.67095 0.67927 0.68646 0.69591 0.70451
0.71146 0.71355
4190985.17 | 0.61633 0.62374 0.63020 0.63562 0.63995 0.64570 0.65189
0.65608 0.65704
4190965.17 | 0.58194 0.58697 0.59105 0.59417 0.59634 0.59817 0.60083
0.60585 0.60575
4190945.17 | 0.54864 0.55171 0.55393 0.55530 0.55590 0.55579 0.55662
0.56086 0.56022
4190925.17 | 0.51675 0.51829 0.51909 0.51921 0.51874 0.51776 0.51776
0.52090 0.51983
4190905.17 | 0.48654 0.48692 0.48670 0.48597 0.48482 0.48333 0.48284
0.48523 0.48397
4190885.17 | 0.45815 0.45770 0.45680 0.45553 0.45399 0.45224 0.45111
0.45269 0.45178
4190865.17 | 0.43168 0.43067 0.42934 0.42777 0.42602 0.42417 0.42261
0.42290 0.42267

```
  4190845.17 |       0.40714      0.40578      0.40421      0.40248      0.40067      0.39881      0.39696
0.39578      0.39654
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                  ***
  09:59:03

  PAGE 802
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

                           *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: HAUL3
***
                               INCLUDING SOURCE(S):     L0000580    , L0000581    , L0000582    , L0000583    ,
L0000584    ,
                L0000585    , L0000586    ,

                                *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10    IN MICROGRAMS/M**3                         **

    Y-COORD  |                                          X-COORD (METERS)
    (METERS) |     560817.30    560837.30    560857.30    560877.30    560897.30    560917.30    560937.30
560957.30    560977.30
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

  4190825.17 |       0.38447      0.38293      0.38124      0.37947      0.37767      0.37585      0.37409
0.37242      0.37326
  4190805.17 |       0.36361      0.36198      0.36027      0.35851      0.35674      0.35501      0.35335
0.35184      0.35266
  4190785.17 |       0.34443      0.34279      0.34109      0.33937      0.33767      0.33603      0.33451
0.33316      0.33400
  4190765.17 |       0.32681      0.32518      0.32352      0.32186      0.32024      0.31871      0.31732
0.31615      0.31685
  4190745.17 |       0.31059      0.30899      0.30738      0.30579      0.30426      0.30285      0.30162
0.30062      0.30067
  4190725.17 |       0.29563      0.29408      0.29253      0.29101      0.28958      0.28831      0.28723
0.28640      0.28603
  4190705.17 |       0.28182      0.28031      0.27882      0.27739      0.27608      0.27494      0.27402
0.27335      0.27295
  4190685.17 |       0.26902      0.26756      0.26614      0.26481      0.26362      0.26263      0.26186
0.26134      0.26107
  4190665.17 |       0.25714      0.25574      0.25440      0.25317      0.25212      0.25126      0.25064
0.25026      0.25010
  4190645.17 |       0.24609      0.24475      0.24350      0.24240      0.24147      0.24076      0.24026
0.24000      0.23994
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                  ***
  09:59:03

  PAGE 803
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

                           *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: HAUL3
***
                               INCLUDING SOURCE(S):     L0000580    , L0000581    , L0000582    , L0000583    ,
L0000584    ,
                L0000585    , L0000586    ,

                                *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10    IN MICROGRAMS/M**3                         **

    Y-COORD  |                                          X-COORD (METERS)
    (METERS) |     560997.30    561017.30    561037.30    561057.30    561077.30    561097.30    561117.30
561137.30    561157.30
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -
```

4191625.17 | 4.02784 4.72128 5.66597 4.03477 2.36098 2.47191 2.58100
2.68091 2.76014
4191605.17 | 3.89950 4.53355 5.39455 6.57081 2.26593 2.40461 2.56188
2.72745 2.89275
4191585.17 | 3.77146 4.34035 5.15101 6.29284 4.53864 2.53533 2.79793
3.10253 3.42543
4191565.17 | 3.64942 4.17975 4.93429 5.99964 4.14278 4.71972 5.37836
3.69413 3.78501
4191545.17 | 3.52302 4.03411 4.73514 5.71073 3.96107 4.57131 2.76389
2.88241 2.95874
4191525.17 | 3.39363 3.89812 4.54568 5.42353 3.96705 2.35108 2.44797
2.55482 2.65450
4191505.17 | 3.27727 3.73489 4.33832 5.14790 6.21518 2.24068 2.37760
2.53661 2.70742
4191485.17 | 3.17193 3.59045 4.14299 4.88803 5.89302 4.27338 2.48441
2.75476 3.07039
4191465.17 | 3.06758 3.45437 3.95566 4.63679 5.61881 3.90339 4.43062
5.09693 3.37781
4191445.17 | 2.94497 3.31399 3.78532 4.41251 5.28794 3.70380 4.29238
2.53278 2.63823
4191425.17 | 2.82598 3.17560 3.61776 4.19725 4.98468 6.08312 2.12340
2.21308 2.30615
4191405.17 | 2.71445 3.04129 3.45228 3.98595 4.70444 5.69777 1.98639
2.09898 2.23811
4191385.17 | 2.60363 2.90766 3.28807 3.77929 4.43840 5.35655 3.80449
4.37381 2.41789
4191365.17 | 2.49337 2.77470 3.12525 3.57629 4.18092 5.01120 3.38559
3.87221 4.48028
4191345.17 | 2.38396 2.64302 2.96449 3.37641 3.92532 4.65756 3.12080
3.64592 1.88835
4191325.17 | 2.27577 2.51322 2.80631 3.17636 3.64782 4.30483 5.22486
3.64773 1.48062
4191305.17 | 2.16878 2.38517 2.64602 2.97061 3.38750 3.95406 4.74710
3.43215 1.21712
4191285.17 | 2.06229 2.25795 2.48544 2.76495 3.14016 3.61920 4.28110
2.69372 3.04392
4191265.17 | 1.95558 2.13070 2.33192 2.57595 2.89954 3.30749 3.85791
2.13645 2.25865
4191245.17 | 1.84849 2.00336 2.17890 2.38849 2.66162 2.99715 3.43782
4.05315 1.76667
4191225.17 | 1.74151 1.87662 2.02865 2.20322 2.42697 2.69092 3.02472
3.48893 1.45938
4191205.17 | 1.63537 1.75119 1.88243 2.03082 2.19916 2.39274 2.62444
2.92379 3.29723
4191185.17 | 1.53289 1.63014 1.73713 1.85450 1.97775 2.11518 2.27065
2.45241 2.66844
4191165.17 | 1.42743 1.50680 1.59323 1.67888 1.76473 1.85934 1.95979
2.06256 2.16927
4191145.17 | 1.30893 1.38275 1.44951 1.51500 1.57396 1.62898 1.67962
1.73106 1.77912
4191125.17 | 1.19862 1.26033 1.31252 1.35645 1.39360 1.42451 1.45023
1.47378 1.49223
4191105.17 | 1.10065 1.14133 1.18352 1.20933 1.23114 1.24863 1.26178
1.27101 1.27696
4191085.17 | 1.00845 1.03716 1.06601 1.08009 1.09078 1.09816 1.10272
1.10518 1.10618
4191065.17 | 0.92657 0.94235 0.95825 0.96862 0.97028 0.97165 0.97331
0.97318 0.97286
4191045.17 | 0.85065 0.85734 0.86016 0.86570 0.86781 0.86615 0.86761
0.86685 0.86658
4191025.17 | 0.77836 0.78512 0.78491 0.77996 0.78281 0.78279 0.77789
0.77954 0.78019
4191005.17 | 0.71392 0.71625 0.71498 0.71082 0.70896 0.71050 0.70619
0.70758 0.70868
4190985.17 | 0.65658 0.65540 0.65370 0.65175 0.64991 0.64876 0.64705
0.64740 0.64855
4190965.17 | 0.60438 0.60260 0.60083 0.59846 0.59685 0.59620 0.59619
0.59697 0.59817

```
  4190945.17 |       0.55840      0.55658      0.55422      0.55192      0.55121      0.55105      0.55114
0.55222      0.55410
  4190925.17 |       0.51792      0.51554      0.51338      0.51229      0.51187      0.51159      0.51218
0.51350      0.51528
  4190905.17 |       0.48208      0.47986      0.47843      0.47764      0.47611      0.47644      0.47802
0.47948      0.48132
  4190885.17 |       0.45028      0.44861      0.44744      0.44580      0.44441      0.44595      0.44781
0.44937      0.45121
  4190865.17 |       0.42193      0.42057      0.41891      0.41709      0.41710      0.41878      0.42092
0.42239      0.42420
  4190845.17 |       0.39648      0.39467      0.39348      0.39272      0.39296      0.39399      0.39548
0.39574      0.39717
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                  ***
  09:59:03

  PAGE 804
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

                           *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: HAUL3
***
                               INCLUDING SOURCE(S):     L0000580    , L0000581    , L0000582    , L0000583    ,
L0000584    ,
                L0000585    , L0000586    ,

                                *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                    ** CONC OF PM_10    IN MICROGRAMS/M**3                         **

    Y-COORD  |                                          X-COORD (METERS)
    (METERS) |     560997.30    561017.30    561037.30    561057.30    561077.30    561097.30    561117.30
561137.30    561157.30
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

  4190825.17 |       0.37372      0.37181      0.37041      0.36985      0.37027      0.37115      0.37217
0.37258      0.37392
  4190805.17 |       0.35319      0.35161      0.34981      0.34865      0.34919      0.35015      0.35146
0.35299      0.35457
  4190785.17 |       0.33460      0.33331      0.33183      0.33093      0.33160      0.33262      0.33394
0.33543      0.33692
  4190765.17 |       0.31739      0.31651      0.31547      0.31479      0.31554      0.31661      0.31792
0.31936      0.32077
  4190745.17 |       0.30128      0.30118      0.30069      0.30002      0.30084      0.30193      0.30322
0.30461      0.30593
  4190725.17 |       0.28647      0.28784      0.28789      0.28756      0.28752      0.28842      0.28969
0.29101      0.29226
  4190705.17 |       0.27332      0.27522      0.27556      0.27544      0.27522      0.27596      0.27719
0.27845      0.27962
  4190685.17 |       0.26152      0.26339      0.26380      0.26378      0.26383      0.26442      0.26562
0.26682      0.26790
  4190665.17 |       0.25062      0.25245      0.25293      0.25323      0.25440      0.25488      0.25487
0.25600      0.25701
  4190645.17 |       0.24037      0.24206      0.24263      0.24330      0.24478      0.24541      0.24487
0.24594      0.24687
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                  ***
  09:59:03

  PAGE 805
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

                           *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: HAUL3
***
                               INCLUDING SOURCE(S):     L0000580    , L0000581    , L0000582    , L0000583    ,
L0000584    ,
                L0000585    , L0000586    ,
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*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	561177.30	561197.30	561217.30	561237.30	561257.30	561277.30	561297.30	561317.30	561337.30
4191625.17	2.81120	2.82576	2.80299	6.91507	10.21812	8.45692	7.15247	6.16076	5.35036
4191605.17	3.03149	3.11172	7.13412	6.27697	10.82555	8.89129	7.47138	6.40529	5.54327
4191585.17	3.73858	7.20124	6.73309	6.16490	5.56760	9.32186	7.79068	6.64891	5.73392
4191565.17	3.73411	3.57826	3.38689	6.87342	6.14598	9.75486	8.11265	6.89462	5.92465
4191545.17	2.98676	2.96744	2.91734	2.84670	8.01675	10.22264	8.46015	7.15465	6.12237
4191525.17	2.73957	2.79832	2.82420	2.80914	7.05326	10.77455	8.85301	7.43907	6.33092
4191505.17	2.88176	3.03959	3.14315	7.17451	6.34377	5.61887	9.27830	7.73729	6.54526
4191485.17	3.41827	3.76807	7.20047	6.83531	6.26229	5.65405	9.69259	7.99535	6.75754
4191465.17	3.48082	3.46761	3.36563	3.21131	3.01770	6.31751	10.07382	8.22143	6.97041
4191445.17	2.71086	2.74216	2.72315	2.67048	2.60218	2.51388	10.28756	8.58357	7.22815
4191425.17	2.39670	2.46527	2.51510	2.54098	2.51711	6.65646	5.68508	8.91425	7.45023
4191405.17	2.39415	2.52876	2.69486	2.82153	6.61652	5.85965	5.21079	9.19702	7.61743
4191385.17	2.72357	3.05380	3.38684	6.51741	6.37023	5.91005	5.33864	9.69241	7.91861
4191365.17	2.72367	2.79731	2.75614	2.62214	2.50677	2.35715	6.08512	10.05188	8.13999
4191345.17	1.92729	1.94258	1.94241	1.91055	1.84653	1.77904	1.71309	10.34162	8.29716
4191325.17	1.48491	1.47740	1.47073	1.45295	1.42083	1.38878	5.80058	4.81630	8.39914
4191305.17	1.21704	1.20418	1.18636	1.16599	1.14472	5.05639	4.34954	3.76651	8.32443
4191285.17	1.03556	1.02344	1.00051	0.97509	3.84969	3.53067	3.18819	2.88714	7.93569
4191265.17	2.39387	2.54434	2.67833	2.71545	2.58710	2.47157	2.35032	2.19853	7.12028
4191245.17	1.79072	1.83770	1.90266	1.92922	1.84519	1.79907	1.75808	1.69767	6.01610
4191225.17	1.45408	1.45505	1.47218	1.47080	1.41427	1.37663	1.35205	5.62869	4.81173
4191205.17	1.23815	1.23170	1.21878	1.19644	1.16636	1.13045	4.58657	4.12138	3.71067
4191185.17	2.94609	3.28918	1.04580	1.02258	3.79587	3.54317	3.23969	3.00437	2.82582
4191165.17	2.29306	2.41972	2.53558	2.59878	2.53213	2.44800	2.34998	2.23550	2.16517
4191145.17	1.82719	1.87866	1.90591	1.90196	1.84667	1.82432	1.79592	1.73254	1.70062
4191125.17	1.50764	1.52292	1.51861	1.50009	1.47022	1.45321	1.43424	1.39662	1.37436
4191105.17	1.27981	1.27915	1.26873	1.25126	1.24025	1.21905	1.19295	1.16803	1.14628
4191085.17	1.10580	1.10322	1.09592	1.08217	1.06626	1.04459	1.02080	0.99891	0.97784
4191065.17	0.97218	0.97009	0.96485	0.95471	0.93885	0.91804	0.89526	0.87313	0.85258

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL3 ***

INCLUDING SOURCE(S): L0000580 , L0000581 , L0000582 , L0000583 , L0000584 , L0000585 , L0000586 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	561177.30	561197.30	561217.30	561237.30	561257.30	561277.30	561297.30	561317.30	561337.30
4191045.17	0.86644	0.86529	0.86140	0.85308	0.83941	0.82082	0.80005	0.77826	0.75711
4191025.17	0.78068	0.78034	0.77758	0.77085	0.75923	0.74401	0.72485	0.70350	0.68313
4191005.17	0.70970	0.70996	0.70877	0.70378	0.69394	0.68003	0.66204	0.64277	0.62360
4190985.17	0.64994	0.65060	0.65053	0.64584	0.63752	0.62522	0.60967	0.59220	0.57435
4190965.17	0.59920	0.60100	0.60008	0.59627	0.58921	0.57855	0.56483	0.54910	0.53268
4190945.17	0.55574	0.55678	0.55569	0.55248	0.54699	0.53798	0.52588	0.51177	0.49676
4190925.17	0.51707	0.51821	0.51703	0.51324	0.50996	0.50234	0.49167	0.47902	0.46534
4190905.17	0.48310	0.48426	0.48424	0.48224	0.47779	0.47076	0.46134	0.45001	0.43757
4190885.17	0.45294	0.45409	0.45413	0.45249	0.44869	0.44257	0.43425	0.42411	0.41279
4190865.17	0.42586	0.42697	0.42642	0.42425	0.42228	0.41724	0.40992	0.40081	0.39052
4190845.17	0.39873	0.39978	0.40133	0.40142	0.39888	0.39412	0.38712	0.37940	0.36995

Y-COORD (METERS)	X-COORD (METERS)							
	561177.30	561197.30	561217.30	561237.30	561257.30	561277.30	561297.30	561317.30	561337.30
4190825.17	0.37539	0.37637	0.37832	0.37906	0.37744	0.37345	0.36714	0.36056	0.35208
4190805.17	0.35595	0.35687	0.35706	0.35708	0.35780	0.35466	0.34959	0.34189	0.33470
4190785.17	0.33821	0.33907	0.33926	0.33932	0.34007	0.33732	0.33282	0.32690	0.31960
4190765.17	0.32197	0.32276	0.32295	0.32282	0.32339	0.32124	0.31733	0.31134	0.30584
4190745.17	0.30704	0.30777	0.30794	0.30764	0.30763	0.30618	0.30311	0.29787	0.29250
4190725.17	0.29328	0.29394	0.29410	0.29364	0.29283	0.29224	0.28999	0.28546	0.27993
4190705.17	0.28056	0.28115	0.28130	0.28089	0.27982	0.27899	0.27745	0.27375	0.26842
4190685.17	0.26876	0.26930	0.26942	0.26906	0.26811	0.26647	0.26452	0.26282	0.25848
4190665.17	0.25779	0.25828	0.25838	0.25805	0.25720	0.25575	0.25388	0.25198	0.24891
4190645.17	0.24758	0.24801	0.24810	0.24779	0.24703	0.24573	0.24394	0.24183	0.23930

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL3 ***

INCLUDING SOURCE(S): L0000580 , L0000581 , L0000582 , L0000583 , L0000584 , L0000585 , L0000586 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)		
	561357.30	561377.30	561397.30
4191625.17	4.70089	4.19255	3.76557
4191605.17	4.85807	4.32501	3.87932
4191585.17	5.01204	4.45373	3.98905
4191565.17	5.16449	4.57984	4.09537
4191545.17	5.31922	4.70536	4.19926
4191525.17	5.47792	4.83095	4.30087
4191505.17	5.63757	4.95471	4.39907
4191485.17	5.81778	5.08081	4.49254
4191465.17	6.02108	5.20383	4.58116
4191445.17	6.18284	5.31904	4.66507
4191425.17	6.31439	5.42390	4.74188
4191405.17	6.42381	5.51646	4.80550
4191385.17	6.61986	5.64423	4.87144
4191365.17	6.74943	5.71455	4.89361
4191345.17	6.81746	5.72763	4.87542
4191325.17	6.82270	5.68121	4.80546
4191305.17	6.69465	5.53269	4.66674
4191285.17	6.35424	5.23891	4.42691
4191265.17	5.77082	4.78592	4.06619
4191245.17	4.99371	4.20897	3.61773
4191225.17	4.14040	3.57821	3.13125
4191205.17	3.32911	2.96671	2.66085
4191185.17	2.63626	2.42818	2.23690
4191165.17	2.08754	1.97717	1.86946
4191145.17	1.66999	1.61067	1.55538
4191125.17	1.35951	1.32706	1.29947
4191105.17	1.13031	1.11081	1.09608
4191085.17	0.96118	0.94595	0.93452
4191065.17	0.83586	0.81975	0.80952
4191045.17	0.73934	0.72293	0.71260
4191025.17	0.66508	0.64810	0.63660
4191005.17	0.60583	0.58871	0.57629
4190985.17	0.55731	0.54050	0.52761
4190965.17	0.51661	0.50045	0.48752
4190945.17	0.48177	0.46646	0.45381
4190925.17	0.45146	0.43708	0.42491
4190905.17	0.42488	0.41244	0.40065
4190885.17	0.40108	0.38967	0.37851
4190865.17	0.37972	0.36906	0.35854
4190845.17	0.36043	0.35047	0.34056

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL3

***
                                INCLUDING SOURCE(S):   L0000580   , L0000581   , L0000582   , L0000583   ,
L0000584   ,
                L0000585   , L0000586   ,

                                 *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                      ** CONC OF PM_10   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 561357.30   561377.30   561397.30
 -
- - - - - - - -

  4190825.17 | 0.34290   0.33360   0.32426
  4190805.17 | 0.32690   0.31821   0.30948
  4190785.17 | 0.31073   0.30364   0.29614
  4190765.17 | 0.29742   0.29021   0.28341
  4190745.17 | 0.28619   0.27830   0.27165
  4190725.17 | 0.27394   0.26783   0.26125
  4190705.17 | 0.26278   0.25759   0.25139
  4190685.17 | 0.25277   0.24765   0.24211
  4190665.17 | 0.24418   0.23847   0.23314
  4190645.17 | 0.23552   0.23040   0.22516

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                             *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: HAUL3
***
                                INCLUDING SOURCE(S):   L0000580   , L0000581   , L0000582   , L0000583   ,
L0000584   ,
                L0000585   , L0000586   ,

                                    *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                      ** CONC OF PM_10   IN MICROGRAMS/M**3   **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)   Y-COORD (M)   CONC
 -
- - - - - - -
        560122.00   4190978.00   0.28380   560142.00   4190978.00   0.29071

        560162.00   4190978.00   0.29784   560182.00   4190978.00   0.30519

        560202.00   4190978.00   0.31288   560222.00   4190978.00   0.32072

        560242.00   4190978.00   0.32874   560262.00   4190978.00   0.33672

        560102.00   4190998.00   0.27796   560122.00   4190998.00   0.28463

        560142.00   4190998.00   0.29197   560162.00   4190998.00   0.29949

        560182.00   4190998.00   0.30715   560202.00   4190998.00   0.31495

        560222.00   4190998.00   0.32291   560242.00   4190998.00   0.33103

        560262.00   4190998.00   0.33932   560282.00   4190998.00   0.34806

        560302.00   4190998.00   0.35731   560322.00   4190998.00   0.36632

        560102.00   4191018.00   0.27856   560122.00   4191018.00   0.28548

        560142.00   4191018.00   0.29309   560162.00   4191018.00   0.30089

560182.00	4191018.00	0.30885	560202.00	4191018.00	0.31697
560222.00	4191018.00	0.32526	560242.00	4191018.00	0.33372
560262.00	4191018.00	0.34236	560282.00	4191018.00	0.35121
560302.00	4191018.00	0.36028	560322.00	4191018.00	0.36960
560342.00	4191018.00	0.37917	560362.00	4191018.00	0.38902
560382.00	4191018.00	0.39916	560402.00	4191018.00	0.41009
560102.00	4191038.00	0.27859	560122.00	4191038.00	0.28611
560142.00	4191038.00	0.29399	560162.00	4191038.00	0.30206
560182.00	4191038.00	0.31031	560202.00	4191038.00	0.31874
560222.00	4191038.00	0.32735	560242.00	4191038.00	0.33616
560262.00	4191038.00	0.34516	560282.00	4191038.00	0.35437
560302.00	4191038.00	0.36382	560322.00	4191038.00	0.37353
560342.00	4191038.00	0.38351	560362.00	4191038.00	0.39379
560382.00	4191038.00	0.40438	560402.00	4191038.00	0.41545
560422.00	4191038.00	0.42708	560442.00	4191038.00	0.43871
560462.00	4191038.00	0.45108	560082.00	4191058.00	0.27133
560102.00	4191058.00	0.27868	560122.00	4191058.00	0.28658
560142.00	4191058.00	0.29470	560162.00	4191058.00	0.30302
560182.00	4191058.00	0.31155	560202.00	4191058.00	0.32029
560222.00	4191058.00	0.32922	560242.00	4191058.00	0.33837
560262.00	4191058.00	0.34773	560282.00	4191058.00	0.35731
560302.00	4191058.00	0.36715	560322.00	4191058.00	0.37724
560342.00	4191058.00	0.38763	560362.00	4191058.00	0.39834
560382.00	4191058.00	0.40938	560402.00	4191058.00	0.42078
560422.00	4191058.00	0.43255	560442.00	4191058.00	0.44471
560462.00	4191058.00	0.45764	560082.00	4191078.00	0.27132
560102.00	4191078.00	0.27883	560122.00	4191078.00	0.28691
560142.00	4191078.00	0.29524	560162.00	4191078.00	0.30380

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL3 ***

INCLUDING SOURCE(S): L0000580 , L0000581 , L0000582 , L0000583 , L0000584 ,
L0000585 , L0000586 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
560182.00	4191078.00	0.31260	560202.00	4191078.00	0.32162
560222.00	4191078.00	0.33088	560242.00	4191078.00	0.34036
560262.00	4191078.00	0.35008	560282.00	4191078.00	0.36004
560302.00	4191078.00	0.37026	560322.00	4191078.00	0.38076
560342.00	4191078.00	0.39157	560362.00	4191078.00	0.40270
560382.00	4191078.00	0.41420	560402.00	4191078.00	0.42607
560422.00	4191078.00	0.43836	560442.00	4191078.00	0.45106
560462.00	4191078.00	0.46420	560482.00	4191078.00	0.47778
560502.00	4191078.00	0.49179	560082.00	4191098.00	0.27120
560102.00	4191098.00	0.27886	560122.00	4191098.00	0.28711
560142.00	4191098.00	0.29563	560162.00	4191098.00	0.30441
560182.00	4191098.00	0.31346	560202.00	4191098.00	0.32277
560222.00	4191098.00	0.33233	560242.00	4191098.00	0.34214
560262.00	4191098.00	0.35222	560282.00	4191098.00	0.36256
560302.00	4191098.00	0.37317	560322.00	4191098.00	0.38409
560342.00	4191098.00	0.39532	560362.00	4191098.00	0.40689
560382.00	4191098.00	0.41884	560402.00	4191098.00	0.43120
560422.00	4191098.00	0.44400	560442.00	4191098.00	0.45725
560462.00	4191098.00	0.47098	560482.00	4191098.00	0.48521
560502.00	4191098.00	0.49994	560522.00	4191098.00	0.51575
560062.00	4191118.00	0.26360	560082.00	4191118.00	0.27099
560102.00	4191118.00	0.27878	560122.00	4191118.00	0.28718
560142.00	4191118.00	0.29588	560162.00	4191118.00	0.30487
560182.00	4191118.00	0.31415	560202.00	4191118.00	0.32372
560222.00	4191118.00	0.33358	560242.00	4191118.00	0.34372
560262.00	4191118.00	0.35415	560282.00	4191118.00	0.36487
560302.00	4191118.00	0.37589	560322.00	4191118.00	0.38722
560342.00	4191118.00	0.39889	560362.00	4191118.00	0.41092
560382.00	4191118.00	0.42334	560402.00	4191118.00	0.43618
560422.00	4191118.00	0.44949	560442.00	4191118.00	0.46329
560462.00	4191118.00	0.47762	560482.00	4191118.00	0.49249

560502.00	4191118.00	0.50793	560522.00	4191118.00	0.52503
560062.00	4191138.00	0.26318	560082.00	4191138.00	0.27068
560102.00	4191138.00	0.27859	560122.00	4191138.00	0.28713
560142.00	4191138.00	0.29599	560162.00	4191138.00	0.30517
560182.00	4191138.00	0.31466	560202.00	4191138.00	0.32448
560222.00	4191138.00	0.33462	560242.00	4191138.00	0.34508
560262.00	4191138.00	0.35586	560282.00	4191138.00	0.36695
560302.00	4191138.00	0.37838	560322.00	4191138.00	0.39014
560342.00	4191138.00	0.40226	560362.00	4191138.00	0.41475

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL3 ***

INCLUDING SOURCE(S): L0000580 , L0000581 , L0000582 , L0000583 , L0000584 , L0000585 , L0000586 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
560382.00	4191138.00	0.42766	560402.00	4191138.00	0.44101
560422.00	4191138.00	0.45485	560442.00	4191138.00	0.46921
560462.00	4191138.00	0.48413	560482.00	4191138.00	0.49964
560502.00	4191138.00	0.51594	560062.00	4191158.00	0.26267
560082.00	4191158.00	0.27026	560102.00	4191158.00	0.27827
560122.00	4191158.00	0.28694	560142.00	4191158.00	0.29594
560162.00	4191158.00	0.30529	560182.00	4191158.00	0.31499
560202.00	4191158.00	0.32504	560222.00	4191158.00	0.33544
560242.00	4191158.00	0.34620	560262.00	4191158.00	0.35731
560282.00	4191158.00	0.36878	560302.00	4191158.00	0.38061
560322.00	4191158.00	0.39281	560342.00	4191158.00	0.40539
560362.00	4191158.00	0.41837	560382.00	4191158.00	0.43178
560402.00	4191158.00	0.44566	560422.00	4191158.00	0.46004
560442.00	4191158.00	0.47497	560462.00	4191158.00	0.49050
560482.00	4191158.00	0.50666	560502.00	4191158.00	0.52572

560062.00	4191178.00	0.26176	560082.00	4191178.00	0.26957
560102.00	4191178.00	0.27780	560122.00	4191178.00	0.28659
560142.00	4191178.00	0.29572	560162.00	4191178.00	0.30523
560182.00	4191178.00	0.31511	560202.00	4191178.00	0.32537
560222.00	4191178.00	0.33602	560242.00	4191178.00	0.34706
560322.00	4191178.00	0.39517	560342.00	4191178.00	0.40822
560362.00	4191178.00	0.42170	560382.00	4191178.00	0.43563
560402.00	4191178.00	0.45005	560422.00	4191178.00	0.46500
560442.00	4191178.00	0.48053	560462.00	4191178.00	0.49668
560482.00	4191178.00	0.51351	560502.00	4191178.00	0.53404
560062.00	4191198.00	0.26049	560082.00	4191198.00	0.26864
560102.00	4191198.00	0.27716	560122.00	4191198.00	0.28604
560142.00	4191198.00	0.29530	560162.00	4191198.00	0.30494
560182.00	4191198.00	0.31499	560202.00	4191198.00	0.32544
560222.00	4191198.00	0.33631	560362.00	4191198.00	0.42466
560382.00	4191198.00	0.43913	560402.00	4191198.00	0.45411
560422.00	4191198.00	0.46965	560442.00	4191198.00	0.48579
560462.00	4191198.00	0.50262	560482.00	4191198.00	0.52024
560042.00	4191218.00	0.25173	560062.00	4191218.00	0.25948
560082.00	4191218.00	0.26772	560102.00	4191218.00	0.27631
560122.00	4191218.00	0.28529	560142.00	4191218.00	0.29464
560162.00	4191218.00	0.30441	560182.00	4191218.00	0.31460
560202.00	4191218.00	0.32522	560222.00	4191218.00	0.33629
560342.00	4191218.00	0.41271	560362.00	4191218.00	0.42718
560382.00	4191218.00	0.44218	560402.00	4191218.00	0.45774

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL3 ***

INCLUDING SOURCE(S): L0000580 , L0000581 , L0000582 , L0000583 , L0000584 , L0000585 , L0000586 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
560422.00	4191218.00	0.47388	560442.00	4191218.00	0.49066
560462.00	4191218.00	0.50865	560482.00	4191218.00	0.52806
560082.00	4191238.00	0.26658	560102.00	4191238.00	0.27524
560122.00	4191238.00	0.28428	560142.00	4191238.00	0.29373
560162.00	4191238.00	0.30360	560182.00	4191238.00	0.31391
560202.00	4191238.00	0.32468	560222.00	4191238.00	0.33593
560342.00	4191238.00	0.41422	560362.00	4191238.00	0.42917
560382.00	4191238.00	0.44470	560402.00	4191238.00	0.46083
560422.00	4191238.00	0.47758	560442.00	4191238.00	0.49501
560462.00	4191238.00	0.51416	560182.00	4191258.00	0.31290
560202.00	4191258.00	0.32380	560322.00	4191258.00	0.40038
560342.00	4191258.00	0.41517	560362.00	4191258.00	0.43058
560382.00	4191258.00	0.44661	560402.00	4191258.00	0.46330
560422.00	4191258.00	0.48066	560442.00	4191258.00	0.49881
560462.00	4191258.00	0.51908	560322.00	4191278.00	0.40038
560342.00	4191278.00	0.41552	560362.00	4191278.00	0.43134
560382.00	4191278.00	0.44785	560402.00	4191278.00	0.46507
560422.00	4191278.00	0.48302	560442.00	4191278.00	0.50281
559982.00	4191298.00	0.22425	560002.00	4191298.00	0.23085
560022.00	4191298.00	0.23804	560042.00	4191298.00	0.24559
560062.00	4191298.00	0.25351	560302.00	4191298.00	0.38503
560322.00	4191298.00	0.39979	560342.00	4191298.00	0.41525
560362.00	4191298.00	0.43144	560382.00	4191298.00	0.44839
560402.00	4191298.00	0.46610	560422.00	4191298.00	0.48461
560442.00	4191298.00	0.50589	559962.00	4191318.00	0.21600
559982.00	4191318.00	0.22224	560002.00	4191318.00	0.22904
560022.00	4191318.00	0.23618	560042.00	4191318.00	0.24368
560062.00	4191318.00	0.25155	560082.00	4191318.00	0.25982
560102.00	4191318.00	0.26850	560122.00	4191318.00	0.27762
560142.00	4191318.00	0.28721	560162.00	4191318.00	0.29728
560302.00	4191318.00	0.38365	560322.00	4191318.00	0.39862
560342.00	4191318.00	0.41435	560362.00	4191318.00	0.43087
560382.00	4191318.00	0.44819	560402.00	4191318.00	0.46636

560422.00	4191318.00	0.48539	559962.00	4191338.00	0.21431
559982.00	4191338.00	0.22046	560002.00	4191338.00	0.22717
560022.00	4191338.00	0.23423	560042.00	4191338.00	0.24164
560062.00	4191338.00	0.24944	560082.00	4191338.00	0.25764
560102.00	4191338.00	0.26627	560122.00	4191338.00	0.27535
560142.00	4191338.00	0.28490	560162.00	4191338.00	0.29495
560182.00	4191338.00	0.30552	560202.00	4191338.00	0.31665

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL3 ***

INCLUDING SOURCE(S): L0000580 , L0000581 , L0000582 , L0000583 , L0000584 , L0000585 , L0000586 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
560222.00	4191338.00	0.32836	560242.00	4191338.00	0.34069
560302.00	4191338.00	0.38174	560322.00	4191338.00	0.39689
560342.00	4191338.00	0.41284	560362.00	4191338.00	0.42963
560382.00	4191338.00	0.44728	560402.00	4191338.00	0.46584
560422.00	4191338.00	0.48534	559962.00	4191358.00	0.21259
559982.00	4191358.00	0.21865	560002.00	4191358.00	0.22525
560022.00	4191358.00	0.23221	560042.00	4191358.00	0.23952
560062.00	4191358.00	0.24722	560082.00	4191358.00	0.25533
560102.00	4191358.00	0.26388	560122.00	4191358.00	0.27288
560142.00	4191358.00	0.28237	560162.00	4191358.00	0.29237
560182.00	4191358.00	0.30290	560202.00	4191358.00	0.31401
560222.00	4191358.00	0.32573	560242.00	4191358.00	0.33807
560262.00	4191358.00	0.35110	560282.00	4191358.00	0.36483
560302.00	4191358.00	0.37932	560322.00	4191358.00	0.39460
560342.00	4191358.00	0.41072	560362.00	4191358.00	0.42773
560382.00	4191358.00	0.44613	560402.00	4191358.00	0.46535
559962.00	4191378.00	0.21087	559982.00	4191378.00	0.21682

560002.00	4191378.00	0.22331	560022.00	4191378.00	0.23015
560042.00	4191378.00	0.23735	560062.00	4191378.00	0.24494
560082.00	4191378.00	0.25294	560102.00	4191378.00	0.26137
560122.00	4191378.00	0.27028	560142.00	4191378.00	0.27967
560162.00	4191378.00	0.28958	560182.00	4191378.00	0.30005
560202.00	4191378.00	0.31110	560222.00	4191378.00	0.32277
560242.00	4191378.00	0.33510	560262.00	4191378.00	0.34813
560282.00	4191378.00	0.36190	560302.00	4191378.00	0.37650
560322.00	4191378.00	0.39193	560342.00	4191378.00	0.40821
559982.00	4191398.00	0.21499	560002.00	4191398.00	0.22137
560022.00	4191398.00	0.22808	560042.00	4191398.00	0.23516
560062.00	4191398.00	0.24262	560082.00	4191398.00	0.25049
560102.00	4191398.00	0.25880	560122.00	4191398.00	0.26757
560142.00	4191398.00	0.27684	560162.00	4191398.00	0.28664
560182.00	4191398.00	0.29700	560202.00	4191398.00	0.30796
560222.00	4191398.00	0.31956	560242.00	4191398.00	0.33182
560262.00	4191398.00	0.34480	560282.00	4191398.00	0.35884
559982.00	4191418.00	0.21341	560002.00	4191418.00	0.21968
560022.00	4191418.00	0.22613	560042.00	4191418.00	0.23297
560062.00	4191418.00	0.24030	560082.00	4191418.00	0.24802
560102.00	4191418.00	0.25619	560122.00	4191418.00	0.26482
560142.00	4191418.00	0.27394	560162.00	4191418.00	0.28360
560182.00	4191418.00	0.29382	560202.00	4191418.00	0.30465

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL3 ***

INCLUDING SOURCE(S): L0000580 , L0000581 , L0000582 , L0000583 , L0000584 ,
L0000585 , L0000586 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
560222.00	4191418.00	0.31613	560242.00	4191418.00	0.32829

560262.00	4191418.00	0.34118	560002.00	4191438.00	0.21816
560022.00	4191438.00	0.22430	560042.00	4191438.00	0.23086
560062.00	4191438.00	0.23799	560082.00	4191438.00	0.24557
560102.00	4191438.00	0.25358	560122.00	4191438.00	0.26204
560142.00	4191438.00	0.27101	560162.00	4191438.00	0.28050
560182.00	4191438.00	0.29056	560202.00	4191438.00	0.30122
560222.00	4191438.00	0.31254	560242.00	4191438.00	0.32456
560262.00	4191438.00	0.33736	560042.00	4191458.00	0.22933
560062.00	4191458.00	0.23577	560082.00	4191458.00	0.24315
560102.00	4191458.00	0.25099	560122.00	4191458.00	0.25929
560142.00	4191458.00	0.26807	560162.00	4191458.00	0.27738
560182.00	4191458.00	0.28725	560202.00	4191458.00	0.29773
560222.00	4191458.00	0.30887	560242.00	4191458.00	0.32070
560262.00	4191458.00	0.33383	560142.00	4191478.00	0.26562
560162.00	4191478.00	0.27463	560182.00	4191478.00	0.28432
560202.00	4191478.00	0.29439	560222.00	4191478.00	0.30515
560242.00	4191478.00	0.31677	560155.00	4190663.00	0.24139
560175.00	4190663.00	0.24421	560115.00	4190683.00	0.24028
560135.00	4190683.00	0.24340	560155.00	4190683.00	0.24622
560175.00	4190683.00	0.24933	560095.00	4190703.00	0.24097
560115.00	4190703.00	0.24443	560135.00	4190703.00	0.24782
560155.00	4190703.00	0.25091	560175.00	4190703.00	0.25432
560095.00	4190723.00	0.24472	560115.00	4190723.00	0.24843
560135.00	4190723.00	0.25207	560155.00	4190723.00	0.25544
560175.00	4190723.00	0.25914	560195.00	4190723.00	0.26281
560095.00	4190743.00	0.24830	560115.00	4190743.00	0.25226
560135.00	4190743.00	0.25616	560155.00	4190743.00	0.25980
560175.00	4190743.00	0.26378	560195.00	4190743.00	0.26777
560075.00	4190763.00	0.24755	560095.00	4190763.00	0.25172
560115.00	4190763.00	0.25591	560135.00	4190763.00	0.26008
560155.00	4190763.00	0.26398	560175.00	4190763.00	0.26825
560195.00	4190763.00	0.27254	560215.00	4190763.00	0.27682
560075.00	4190783.00	0.25056	560095.00	4190783.00	0.25496
560115.00	4190783.00	0.25940	560135.00	4190783.00	0.26382
560155.00	4190783.00	0.26798	560175.00	4190783.00	0.27253

560195.00	4190783.00	0.27712	560215.00	4190783.00	0.28173
560235.00	4190783.00	0.28636	560075.00	4190803.00	0.25338
560095.00	4190803.00	0.25802	560115.00	4190803.00	0.26271
560135.00	4190803.00	0.26738	560155.00	4190803.00	0.27180

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL3 ***

INCLUDING SOURCE(S): L0000580 , L0000581 , L0000582 , L0000583 , L0000584 ,
L0000585 , L0000586 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
560175.00	4190803.00	0.27663	560195.00	4190803.00	0.28151
560215.00	4190803.00	0.28644	560235.00	4190803.00	0.29141
560255.00	4190803.00	0.29636	560275.00	4190803.00	0.30128
560075.00	4190823.00	0.25601	560095.00	4190823.00	0.26090
560115.00	4190823.00	0.26584	560135.00	4190823.00	0.27080
560155.00	4190823.00	0.27580	560175.00	4190823.00	0.28066
560195.00	4190823.00	0.28571	560215.00	4190823.00	0.29095
560235.00	4190823.00	0.29624	560255.00	4190823.00	0.30159
560275.00	4190823.00	0.30697	560295.00	4190823.00	0.31236
560315.00	4190823.00	0.31758	560115.00	4190843.00	0.26877
560135.00	4190843.00	0.27401	560155.00	4190843.00	0.27930
560175.00	4190843.00	0.28456	560195.00	4190843.00	0.28983
560215.00	4190843.00	0.29526	560235.00	4190843.00	0.30087
560255.00	4190843.00	0.30656	560275.00	4190843.00	0.31231
560295.00	4190843.00	0.31812	560315.00	4190843.00	0.32395
560335.00	4190843.00	0.32978	560195.00	4190863.00	0.29393
560215.00	4190863.00	0.29937	560235.00	4190863.00	0.30530
560255.00	4190863.00	0.31132	560275.00	4190863.00	0.31744
560295.00	4190863.00	0.32363	560315.00	4190863.00	0.32989
560335.00	4190863.00	0.33619	560075.00	4190883.00	0.26260

560095.00	4190883.00	0.26825	560115.00	4190883.00	0.27398	
560255.00	4190883.00	0.31588	560275.00	4190883.00	0.32234	
560295.00	4190883.00	0.32892	560315.00	4190883.00	0.33559	
560335.00	4190883.00	0.34234				

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PEIR ***

INCLUDING SOURCE(S): L0000850 , L0000851 , L0000852 , L0000853 , L0000854 ,
L0000855 , L0000856 , L0000857 , L0000858 , L0000859 , L0000860 , L0000861 , L0000862 ,
L0000863 , L0000864 , L0000865 , L0000866 , L0000867 , L0000868 , L0000869 , L0000870 ,
L0000871 , L0000872 , L0000873 , L0000874 , L0000875 , L0000876 , L0000877 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 559917.30	559937.30	559957.30	559977.30	559997.30	560017.30	560037.30	560057.30	560077.30
4191625.17	0.16034	0.15932	0.15844	0.15766	0.15681	0.15603	0.15519	0.15401	0.15299
4191605.17	0.16571	0.16461	0.16367	0.16285	0.16209	0.16133	0.16046	0.15929	0.15809
4191585.17	0.17142	0.17024	0.16924	0.16837	0.16750	0.16671	0.16594	0.16500	0.16361
4191565.17	0.17750	0.17624	0.17518	0.17410	0.17254	0.17172	0.17125	0.17066	0.16927
4191545.17	0.18399	0.18240	0.18118	0.18004	0.17820	0.17753	0.17714	0.17646	0.17516
4191525.17	0.19084	0.18877	0.18739	0.18628	0.18469	0.18409	0.18361	0.18255	0.18137
4191505.17	0.19828	0.19608	0.19460	0.19353	0.19237	0.19143	0.19063	0.18952	0.18828
4191485.17	0.20626	0.20392	0.20236	0.20122	0.20021	0.19923	0.19828	0.19761	0.19650
4191465.17	0.21486	0.21237	0.21071	0.20951	0.20845	0.20752	0.20664	0.20673	0.20572
4191445.17	0.22425	0.22220	0.22056	0.21928	0.21815	0.21739	0.21676	0.21586	0.21450
4191425.17	0.23429	0.23237	0.23099	0.22987	0.22866	0.22784	0.22693	0.22554	0.22398
4191405.17	0.24518	0.24314	0.24207	0.24125	0.23997	0.23872	0.23740	0.23592	0.23427
4191385.17	0.25788	0.25500	0.25372	0.25286	0.25150	0.25018	0.24877	0.24719	0.24544
4191365.17	0.27131	0.26795	0.26643	0.26552	0.26407	0.26266	0.26116	0.25947	0.25759
4191345.17	0.28554	0.28194	0.28033	0.27937	0.27782	0.27631	0.27469	0.27286	0.27083
4191325.17	0.30114	0.29730	0.29558	0.29456	0.29289	0.29126	0.28950		

0.28751 0.28528
4191305.17 | 0.31831 0.31480 0.31237 0.31071 0.30928 0.30768 0.30574
0.30354 0.30108
4191285.17 | 0.33749 0.33461 0.33113 0.32804 0.32733 0.32577 0.32360
0.32114 0.31838
4191265.17 | 0.35851 0.35547 0.35240 0.34947 0.34772 0.34573 0.34328
0.34049 0.33737
4191245.17 | 0.38190 0.37869 0.37560 0.37286 0.37036 0.36783 0.36502
0.36183 0.35827
4191225.17 | 0.40802 0.40463 0.40123 0.39815 0.39529 0.39237 0.38911
0.38542 0.38132
4191205.17 | 0.43730 0.43370 0.42995 0.42613 0.42126 0.41757 0.41411
0.41131 0.40684
4191185.17 | 0.47028 0.46645 0.46156 0.45647 0.45120 0.44687 0.44280
0.43915 0.43457
4191165.17 | 0.50758 0.50351 0.49720 0.49010 0.48559 0.48086 0.47563
0.46977 0.46512
4191145.17 | 0.55003 0.54569 0.53994 0.53312 0.52542 0.51930 0.51304
0.50607 0.50044
4191125.17 | 0.59863 0.59402 0.58802 0.58108 0.57094 0.56305 0.55552
0.54717 0.54032
4191105.17 | 0.65471 0.64984 0.64302 0.63482 0.62279 0.61327 0.60413
0.59403 0.58567
4191085.17 | 0.71575 0.71422 0.70716 0.69744 0.68302 0.67143 0.66023
0.64793 0.63767
4191065.17 | 0.79278 0.79085 0.78284 0.77123 0.75379 0.73952 0.72567
0.71054 0.69789
4191045.17 | 0.88876 0.88343 0.87337 0.85939 0.83807 0.82029 0.80295
0.78418 0.76769
4191025.17 | 1.00014 0.99493 0.98349 0.96652 0.94008 0.91761 0.89561
0.87206 0.84849
4191005.17 | 1.13802 1.13323 1.12026 1.09942 1.06608 1.03717 1.00880
0.97504 0.94499
4190985.17 | 1.31311 1.30924 1.29466 1.26870 1.22571 1.18763 1.14854
1.09836 1.06013
4190965.17 | 1.54285 1.54092 1.52483 1.49182 1.43464 1.38275 1.32915
1.26116 1.20256
4190945.17 | 1.85728 1.86001 1.84312 1.79981 1.72012 1.63979 1.55697
1.46835 1.38598
4190925.17 | 2.31099 2.32844 2.31442 2.25456 2.13428 1.99708 1.86238
1.74452 1.62973
4190905.17 | 3.00999 3.08598 3.10006 3.00724 2.79175 2.54819 2.32076
2.13181 1.95892
4190885.17 | 4.19466 4.50454 3.24644 4.51574 3.98651 3.43746 2.98966
2.66404 2.38702
4190865.17 | 4.81510 5.28480 4.73831 4.19448 6.01057 4.74388 3.86318
3.31607 2.88465
4190845.17 | 5.47451 4.88544 7.13539 5.86497 8.00819 6.07162 4.78975
4.00282 3.40230

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PEIR
***

INCLUDING SOURCE(S): L0000850 , L0000851 , L0000852 , L0000853 ,
L0000854 ,
L0000855 , L0000856 , L0000857 , L0000858 , L0000859 , L0000860 , L0000861 ,
L0000862 ,
L0000863 , L0000864 , L0000865 , L0000866 , L0000867 , L0000868 , L0000869 ,
L0000870 ,
L0000871 , L0000872 , L0000873 , L0000874 , L0000875 , L0000876 , L0000877 ,
. . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

Y-COORD (METERS)	X-COORD (METERS)							
	559917.30	559937.30	559957.30	559977.30	559997.30	560017.30	560037.30	560057.30	560077.30
4190825.17	6.23432	6.79660	6.09870	7.75495	7.61329	7.39595	5.85632	4.75559	3.94451
4190805.17	7.55363	9.78471	8.99869	7.59707	7.60614	6.13207	7.39090	5.61652	4.49047
4190785.17	11.03341	8.67547	8.41887	6.97258	5.85428	6.78235	8.52454	6.17184	4.81465
4190765.17	10.55231	8.10703	7.34829	7.39407	5.98179	7.10737	7.89935	5.95042	4.72538
4190745.17	7.90228	8.56694	7.15453	8.61773	9.68523	7.92093	6.45117	5.22381	4.34067
4190725.17	7.77293	9.40301	10.35149	8.62189	7.22944	6.13667	5.25457	4.50277	3.88454
4190705.17	8.31363	9.02362	7.65100	6.56368	5.69664	4.98980	4.39746	3.88893	3.44032
4190685.17	7.92615	6.84700	5.98312	5.27887	4.69164	4.19375	3.76712	3.39998	3.05808
4190665.17	6.18737	5.48407	4.89865	4.40322	3.97740	3.60649	3.28165	2.99709	2.72787
4190645.17	5.05456	4.55926	4.13455	3.76578	3.44158	3.15394	2.89796	2.67053	2.45220

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PEIR ***

INCLUDING SOURCE(S): L0000850 , L0000851 , L0000852 , L0000853 , L0000854 , L0000855 , L0000856 , L0000857 , L0000858 , L0000859 , L0000860 , L0000861 , L0000862 , L0000863 , L0000864 , L0000865 , L0000866 , L0000867 , L0000868 , L0000869 , L0000870 , L0000871 , L0000872 , L0000873 , L0000874 , L0000875 , L0000876 , L0000877 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	560097.30	560117.30	560137.30	560157.30	560177.30	560197.30	560217.30	560237.30	560257.30
4191625.17	0.15194	0.15081	0.14962	0.14839	0.14718	0.14600	0.14487	0.14379	0.14278
4191605.17	0.15686	0.15569	0.15445	0.15319	0.15194	0.15074	0.14959	0.14850	0.14746
4191585.17	0.16211	0.16088	0.15960	0.15830	0.15703	0.15579	0.15463	0.15352	0.15246
4191565.17	0.16762	0.16596	0.16456	0.16324	0.16194	0.16091	0.16001	0.15887	0.15779
4191545.17	0.17359	0.17194	0.17033	0.16880	0.16747	0.16660	0.16576	0.16460	0.16348
4191525.17	0.18007	0.17869	0.17693	0.17509	0.17373	0.17285	0.17200		

0.17080 0.16964
4191505.17 | 0.18693 0.18549 0.18420 0.18291 0.18149 0.18054 0.17962
0.17836 0.17690
4191485.17 | 0.19506 0.19355 0.19219 0.19101 0.18953 0.18836 0.18724
0.18590 0.18421
4191465.17 | 0.20420 0.20260 0.20098 0.19939 0.19785 0.19637 0.19493
0.19351 0.19178
4191445.17 | 0.21290 0.21123 0.20954 0.20788 0.20627 0.20471 0.20317
0.20166 0.20006
4191425.17 | 0.22230 0.22055 0.21878 0.21704 0.21534 0.21367 0.21202
0.21038 0.20874
4191405.17 | 0.23249 0.23064 0.22877 0.22692 0.22511 0.22331 0.22152
0.21972 0.21794
4191385.17 | 0.24354 0.24158 0.23958 0.23760 0.23564 0.23368 0.23171
0.22974 0.22779
4191365.17 | 0.25556 0.25344 0.25130 0.24915 0.24700 0.24484 0.24266
0.24049 0.23835
4191345.17 | 0.26863 0.26633 0.26400 0.26163 0.25925 0.25685 0.25443
0.25203 0.24970
4191325.17 | 0.28287 0.28035 0.27777 0.27515 0.27249 0.26980 0.26711
0.26447 0.26192
4191305.17 | 0.29841 0.29562 0.29274 0.28979 0.28680 0.28379 0.28080
0.27788 0.27509
4191285.17 | 0.31540 0.31226 0.30901 0.30569 0.30232 0.29894 0.29561
0.29238 0.28930
4191265.17 | 0.33400 0.33044 0.32676 0.32298 0.31917 0.31538 0.31167
0.30809 0.30465
4191245.17 | 0.35441 0.35035 0.34614 0.34184 0.33752 0.33327 0.32913
0.32513 0.32123
4191225.17 | 0.37689 0.37221 0.36737 0.36247 0.35759 0.35281 0.34815
0.34361 0.33914
4191205.17 | 0.40170 0.39629 0.39072 0.38512 0.37959 0.37419 0.36890
0.36368 0.35843
4191185.17 | 0.42921 0.42292 0.41651 0.41011 0.40382 0.39765 0.39154
0.38542 0.37917
4191165.17 | 0.45984 0.45251 0.44510 0.43777 0.43056 0.42341 0.41624
0.40894 0.40136
4191145.17 | 0.49412 0.48557 0.47699 0.46853 0.46015 0.45173 0.44315
0.43429 0.42502
4191125.17 | 0.53273 0.52271 0.51275 0.50286 0.49294 0.48283 0.47240
0.46153 0.45014
4191105.17 | 0.57654 0.56475 0.55304 0.54129 0.52930 0.51694 0.50411
0.49074 0.47682
4191085.17 | 0.62664 0.61266 0.59864 0.58436 0.56960 0.55430 0.53847
0.52212 0.50536
4191065.17 | 0.68449 0.66762 0.65043 0.63267 0.61425 0.59528 0.57587
0.55618 0.53638
4191045.17 | 0.75189 0.73100 0.70938 0.68694 0.66390 0.64056 0.61715
0.59388 0.57093
4191025.17 | 0.82587 0.80360 0.77669 0.74828 0.71974 0.69150 0.66376
0.63666 0.61037
4191005.17 | 0.91554 0.88803 0.85424 0.81868 0.78395 0.75029 0.71774
0.68635 0.65627
4190985.17 | 1.02574 0.98861 0.94546 0.90170 0.85988 0.81983 0.78144
0.74411 0.70951
4190965.17 | 1.14906 1.10108 1.05135 1.00251 0.95159 0.90030 0.85022
0.80354 0.76333
4190945.17 | 1.30963 1.24241 1.17860 1.11629 1.05313 0.99139 0.93113
0.87693 0.83015
4190925.17 | 1.52265 1.42402 1.33234 1.24644 1.16634 1.09256 1.02546
0.96493 0.91045
4190905.17 | 1.80328 1.66230 1.53373 1.41699 1.31219 1.21904 1.13781
1.06994 1.00510
4190885.17 | 2.14904 1.94237 1.76766 1.61359 1.47522 1.36089 1.26398
1.17964 1.10146
4190865.17 | 2.53477 2.24711 2.02054 1.82992 1.64915 1.51232 1.39669
1.28908 1.19466
4190845.17 | 2.93297 2.56101 2.26544 2.02630 1.82930 1.66087 1.51697
1.39018 1.28009

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PEIR
***

INCLUDING SOURCE(S): L0000850 , L0000851 , L0000852 , L0000853 ,
L0000854 ,
L0000855 , L0000856 , L0000857 , L0000858 , L0000859 , L0000860 , L0000861 ,
L0000862 ,
L0000863 , L0000864 , L0000865 , L0000866 , L0000867 , L0000868 , L0000869 ,
L0000870 ,
L0000871 , L0000872 , L0000873 , L0000874 , L0000875 , L0000876 , L0000877 ,
. . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	560097.30	560117.30	560137.30	560157.30	560177.30	560197.30	560217.30	560237.30	560257.30
4190825.17	3.33801	2.87045	2.51007	2.22261	1.98883	1.78836	1.61834	1.47396	1.35003
4190805.17	3.71062	3.13518	2.71520	2.38309	2.10468	1.87815	1.69066	1.53320	1.39930
4190785.17	3.92112	3.28029	2.81944	2.46069	2.16465	1.92572	1.72925	1.56511	1.42946
4190765.17	3.88560	3.26821	2.81649	2.46206	2.16879	1.93102	1.73489	1.57433	1.43885
4190745.17	3.66848	3.13885	2.73310	2.40566	2.13005	1.90343	1.71587	1.56412	1.42926
4190725.17	3.36912	2.94705	2.60416	2.31552	2.06567	1.85581	1.67936	1.53465	1.40534
4190705.17	3.05149	2.72685	2.44938	2.20471	1.98524	1.79807	1.63715	1.49834	1.37509
4190685.17	2.75174	2.50181	2.28187	2.08025	1.89266	1.73080	1.58694	1.45606	1.34048
4190665.17	2.48520	2.28811	2.11336	1.94925	1.79174	1.65235	1.52535	1.40747	1.30161
4190645.17	2.25387	2.09372	1.95238	1.81846	1.68713	1.56871	1.45840	1.35389	1.25844

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PEIR
***

INCLUDING SOURCE(S): L0000850 , L0000851 , L0000852 , L0000853 ,
L0000854 ,
L0000855 , L0000856 , L0000857 , L0000858 , L0000859 , L0000860 , L0000861 ,
L0000862 ,
L0000863 , L0000864 , L0000865 , L0000866 , L0000867 , L0000868 , L0000869 ,
L0000870 ,
L0000871 , L0000872 , L0000873 , L0000874 , L0000875 , L0000876 , L0000877 ,
. . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)								
	560277.30	560297.30	560317.30	560337.30	560357.30	560377.30	560397.30	560417.30	560437.30
4191625.17	0.14180	0.14086	0.13993	0.13919	0.13895	0.13830	0.13752	0.13683	0.13625
4191605.17	0.14647	0.14550	0.14455	0.14374	0.14327	0.14272	0.14215	0.14148	0.14094
4191585.17	0.15144	0.15044	0.14947	0.14852	0.14761	0.14727	0.14703	0.14638	0.14587
4191565.17	0.15674	0.15571	0.15470	0.15372	0.15280	0.15213	0.15157	0.15095	0.15046
4191545.17	0.16240	0.16132	0.16028	0.15927	0.15833	0.15748	0.15675	0.15615	0.15569
4191525.17	0.16843	0.16731	0.16621	0.16517	0.16421	0.16336	0.16263	0.16204	0.16157
4191505.17	0.17532	0.17376	0.17254	0.17146	0.17048	0.16962	0.16889	0.16829	0.16780
4191485.17	0.18246	0.18065	0.17929	0.17817	0.17716	0.17628	0.17553	0.17491	0.17438
4191465.17	0.18983	0.18791	0.18648	0.18531	0.18427	0.18336	0.18258	0.18191	0.18130
4191445.17	0.19823	0.19576	0.19415	0.19293	0.19184	0.19089	0.19006	0.18931	0.18858
4191425.17	0.20695	0.20442	0.20253	0.20106	0.19991	0.19889	0.19797	0.19710	0.19621
4191405.17	0.21610	0.21378	0.21168	0.20983	0.20860	0.20748	0.20633	0.20528	0.20417
4191385.17	0.22590	0.22392	0.22208	0.22040	0.21903	0.21746	0.21583	0.21452	0.21282
4191365.17	0.23631	0.23439	0.23262	0.23098	0.22943	0.22764	0.22582	0.22417	0.22187
4191345.17	0.24749	0.24541	0.24347	0.24165	0.23988	0.23809	0.23620	0.23412	0.23129
4191325.17	0.25950	0.25723	0.25508	0.25300	0.25092	0.24875	0.24640	0.24378	0.23999
4191305.17	0.27243	0.26990	0.26747	0.26505	0.26256	0.25989	0.25694	0.25365	0.24908
4191285.17	0.28634	0.28349	0.28067	0.27780	0.27475	0.27143	0.26775	0.26366	0.25865
4191265.17	0.30131	0.29803	0.29470	0.29121	0.28745	0.28332	0.27875	0.27371	0.26811
4191245.17	0.31740	0.31354	0.30953	0.30525	0.30059	0.29546	0.28985	0.28376	0.27727
4191225.17	0.33464	0.33002	0.32512	0.31983	0.31406	0.30778	0.30100	0.29379	0.28624
4191205.17	0.35307	0.34744	0.34141	0.33488	0.32781	0.32022	0.31219	0.30383	0.29524
4191185.17	0.37266	0.36575	0.35832	0.35033	0.34180	0.33282	0.32351	0.31400	0.30443
4191165.17	0.39339	0.38488	0.37580	0.36616	0.35607	0.34567	0.33510	0.32452	0.31408
4191145.17	0.41521	0.40482	0.39387	0.38248	0.37080	0.35900	0.34726	0.33573	0.32458
4191125.17	0.43816	0.42564	0.41270	0.39953	0.38629	0.37320	0.36042	0.34812	0.33643
4191105.17	0.46239	0.44761	0.43265	0.41773	0.40305	0.38880	0.37516	0.36226	0.35017
4191085.17	0.48832	0.47123	0.45429	0.43772	0.42173	0.40650	0.39215	0.37876	0.36635
4191065.17	0.51668	0.49729	0.47844	0.46033	0.44316	0.42704	0.41206	0.39821	0.38545
4191045.17	0.54850	0.52681	0.50608	0.48649	0.46817	0.45118	0.43551	0.42110	0.40784

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PEIR ***

INCLUDING SOURCE(S): L0000850 , L0000851 , L0000852 , L0000853 , L0000854 ,
L0000855 , L0000856 , L0000857 , L0000858 , L0000859 , L0000860 , L0000861 , L0000862 ,
L0000863 , L0000864 , L0000865 , L0000866 , L0000867 , L0000868 , L0000869 , L0000870 ,
L0000871 , L0000872 , L0000873 , L0000874 , L0000875 , L0000876 , L0000877 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)								
	560277.30	560297.30	560317.30	560337.30	560357.30	560377.30	560397.30	560417.30	560437.30
4191025.17	0.58506	0.56097	0.53828	0.51713	0.49757	0.47955	0.46267	0.44598	0.43174
4191005.17	0.62773	0.59949	0.57425	0.55141	0.53040	0.51037	0.49196	0.47402	0.45861
4190985.17	0.67658	0.64348	0.61521	0.59025	0.56733	0.54424	0.52296	0.50499	0.48815
4190965.17	0.72634	0.69190	0.66158	0.63379	0.60821	0.58409	0.56127	0.54070	0.52134
4190945.17	0.78838	0.75037	0.71567	0.68383	0.65443	0.62714	0.60167	0.57898	0.55680
4190925.17	0.86131	0.81677	0.77615	0.73886	0.70445	0.67253	0.64373	0.61838	0.59289
4190905.17	0.94601	0.89266	0.84415	0.79978	0.75902	0.72143	0.68664	0.65522	0.62554
4190885.17	1.03074	0.96721	0.90981	0.85769	0.81015	0.76665	0.72672	0.68996	0.65604
4190865.17	1.11113	1.03675	0.97014	0.91018	0.85600	0.80682	0.76205	0.72114	0.68365
4190845.17	1.18373	1.09880	1.02346	0.95627	0.89604	0.84180	0.79275	0.74821	0.70762
4190825.17	1.24268	1.14892	1.06802	0.99621	0.93086	0.87235	0.81970	0.77211	0.72892
4190805.17	1.28419	1.18430	1.10082	1.02684	0.95778	0.89616	0.84089	0.79107	0.74597
4190785.17	1.31386	1.21007	1.12025	1.04187	0.97112	0.90809	0.85162	0.80078	0.75480
4190765.17	1.32138	1.21706	1.12599	1.04588	0.97493	0.91170	0.85506	0.80405	0.75792
4190745.17	1.31137	1.20901	1.11943	1.04049	0.97048	0.90801	0.85199	0.80151	0.75582
4190725.17	1.29168	1.19252	1.10544	1.02847	0.96005	0.89891	0.84401	0.79447	0.74960
4190705.17	1.26665	1.17139	1.08730	1.01269	0.94617	0.88660	0.83300	0.78459	0.74069
4190685.17	1.23824	1.14759	1.06697	0.99503	0.93062	0.87274	0.82055	0.77331	0.73041
4190665.17	1.20664	1.12143	1.04492	0.97612	0.91413	0.85815	0.80748	0.76148	0.71961
4190645.17	1.17155	1.09257	1.02086	0.95576	0.89663	0.84288	0.79396	0.74936	0.70863

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PEIR ***

INCLUDING SOURCE(S): L0000850 , L0000851 , L0000852 , L0000853 , L0000854 ,
L0000855 , L0000856 , L0000857 , L0000858 , L0000859 , L0000860 , L0000861 , L0000862 ,
L0000863 , L0000864 , L0000865 , L0000866 , L0000867 , L0000868 , L0000869 , L0000870 ,
L0000871 , L0000872 , L0000873 , L0000874 , L0000875 , L0000876 , L0000877 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)								
	560457.30	560477.30	560497.30	560517.30	560537.30	560557.30	560577.30	560597.30	560617.30
4191625.17	0.13580	0.13548	0.13528	0.13518	0.13516	0.13518	0.13521	0.13522	0.13517
4191605.17	0.14052	0.14023	0.14005	0.13992	0.13966	0.13955	0.13952	0.13944	0.13923
4191585.17	0.14548	0.14521	0.14504	0.14484	0.14415	0.14387	0.14375	0.14355	0.14300
4191565.17	0.15010	0.14985	0.14967	0.14943	0.14887	0.14854	0.14830	0.14795	0.14720
4191545.17	0.15534	0.15507	0.15486	0.15460	0.15414	0.15379	0.15338	0.15285	0.15199
4191525.17	0.16121	0.16091	0.16063	0.16032	0.15996	0.15948	0.15888	0.15811	0.15717
4191505.17	0.16739	0.16702	0.16664	0.16619	0.16565	0.16497	0.16412	0.16309	0.16185
4191485.17	0.17390	0.17342	0.17302	0.17252	0.17175	0.17069	0.16942	0.16807	0.16649
4191465.17	0.18071	0.18008	0.17964	0.17918	0.17813	0.17654	0.17473	0.17301	0.17105
4191445.17	0.18783	0.18700	0.18610	0.18509	0.18372	0.18203	0.18001	0.17788	0.17550
4191425.17	0.19524	0.19414	0.19286	0.19134	0.18981	0.18783	0.18551	0.18292	0.18007
4191405.17	0.20292	0.20148	0.19981	0.19795	0.19628	0.19389	0.19106	0.18796	0.18462
4191385.17	0.21083	0.20897	0.20683	0.20439	0.20180	0.19906	0.19601	0.19239	0.18856
4191365.17	0.21931	0.21694	0.21406	0.21084	0.20749	0.20411	0.20045	0.19630	0.19214
4191345.17	0.22816	0.22517	0.22134	0.21718	0.21319	0.20894	0.20446	0.19981	0.19546
4191325.17	0.23572	0.23205	0.22792	0.22335	0.21871	0.21384	0.20879	0.20364	0.19888
4191305.17	0.24397	0.23931	0.23442	0.22934	0.22404	0.21856	0.21298	0.20738	0.20209
4191285.17	0.25289	0.24677	0.24096	0.23516	0.22920	0.22316	0.21711	0.21112	0.20528
4191265.17	0.26175	0.25409	0.24736	0.24086	0.23429	0.22774	0.22130	0.21503	0.20900
4191245.17	0.27019	0.26172	0.25393	0.24652	0.23943	0.23248	0.22575	0.21931	0.21320

```
  4191225.17 |       0.27833      0.26950      0.26085      0.25232      0.24482      0.23759      0.23069
0.22418      0.21808
  4191205.17 |       0.28656      0.27763      0.26791      0.25851      0.25072      0.24334      0.23639
0.22991      0.22388
  4191185.17 |       0.29494      0.28566      0.27542      0.26539      0.25746      0.25003      0.24311
0.23671      0.23079
  4191165.17 |       0.30392      0.29417      0.28357      0.27346      0.26534      0.25795      0.25111
0.24481      0.23901
  4191145.17 |       0.31392      0.30386      0.29397      0.28449      0.27514      0.26736      0.26062
0.25441      0.24869
  4191125.17 |       0.32544      0.31519      0.30570      0.29662      0.28688      0.27851      0.27124
0.26509      0.25900
  4191105.17 |       0.33895      0.32857      0.31902      0.31006      0.30085      0.29174      0.28345
0.27725      0.26474
  4191085.17 |       0.35492      0.34439      0.33471      0.32580      0.31723      0.30848      0.30033
0.29376      0.28727
  4191065.17 |       0.37373      0.36229      0.35217      0.34300      0.33445      0.32593      0.31790
0.31030      0.30335
  4191045.17 |       0.39514      0.38250      0.37167      0.36197      0.35283      0.34416      0.33555
0.32663      0.31890
  4191025.17 |       0.41880      0.40624      0.39401      0.38248      0.37241      0.36278      0.35354
0.34517      0.33721
  4191005.17 |       0.44448      0.43117      0.41781      0.40514      0.39441      0.38365      0.37328
0.36439      0.35535
  4190985.17 |       0.47227      0.45723      0.44291      0.42950      0.41805      0.40584      0.39388
0.38353      0.37258
  4190965.17 |       0.50304      0.48569      0.46919      0.45374      0.44045      0.42646      0.41285
0.40102      0.38866
  4190945.17 |       0.53551      0.51539      0.49634      0.47856      0.46243      0.44631      0.43098
0.41761      0.40383
  4190925.17 |       0.56822      0.54503      0.52322      0.50267      0.48330      0.46501      0.44796
0.43310      0.41793
  4190905.17 |       0.59748      0.57131      0.54684      0.52394      0.50247      0.48233      0.46363
0.44735      0.43089
  4190885.17 |       0.62467      0.59559      0.56858      0.54345      0.52003      0.49816      0.47795
0.46037      0.44271
  4190865.17 |       0.64920      0.61746      0.58814      0.56100      0.53582      0.51241      0.49110
0.47210      0.45340
  4190845.17 |       0.67092      0.63868      0.60755      0.57852      0.55168      0.52681      0.50372
0.48271      0.46287
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                  ***
  09:59:03

  PAGE 823
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

                           *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: PEIR
***
                               INCLUDING SOURCE(S):     L0000850    , L0000851    , L0000852    , L0000853    ,
L0000854    ,
                L0000855    , L0000856    , L0000857    , L0000858    , L0000859    , L0000860    , L0000861    ,
L0000862    ,
                L0000863    , L0000864    , L0000865    , L0000866    , L0000867    , L0000868    , L0000869    ,
L0000870    ,
                L0000871    , L0000872    , L0000873    , L0000874    , L0000875    , L0000876    , L0000877    ,
. . .       ,

                                *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10    IN MICROGRAMS/M**3                          **

    Y-COORD  |                                          X-COORD (METERS)
    (METERS) |     560457.30    560477.30    560497.30    560517.30    560537.30    560557.30    560577.30
560597.30    560617.30
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -
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  4190825.17 | 0.68999   0.65547   0.62270   0.59222   0.56413   0.53815   0.51408
0.49173   0.47093
  4190805.17 | 0.70498   0.66759   0.63337   0.60194   0.57301   0.54630   0.52158
0.49865   0.47733
  4190785.17 | 0.71304   0.67498   0.64017   0.60823   0.57883   0.55171   0.52662
0.50336   0.48174
  4190765.17 | 0.71603   0.67784   0.64291   0.61086   0.58137   0.55415   0.52898
0.50564   0.48394
  4190745.17 | 0.71431   0.67644   0.64179   0.60998   0.58070   0.55367   0.52865
0.50545   0.48388
  4190725.17 | 0.70879   0.67154   0.63744   0.60611   0.57725   0.55060   0.52592
0.50302   0.48173
  4190705.17 | 0.70073   0.66423   0.63079   0.60006   0.57174   0.54557   0.52133
0.49883   0.47789
  4190685.17 | 0.69133   0.65560   0.62284   0.59273   0.56496   0.53930   0.51553
0.49345   0.47290
  4190665.17 | 0.68141   0.64644   0.61435   0.58483   0.55760   0.53242   0.50909
0.48742   0.46725
  4190645.17 | 0.67135   0.63716   0.60574   0.57680   0.55008   0.52536   0.50245
0.48116   0.46134

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                           *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: PEIR
***
                               INCLUDING SOURCE(S):   L0000850   , L0000851   , L0000852   , L0000853   ,
L0000854   ,
                L0000855   , L0000856   , L0000857   , L0000858   , L0000859   , L0000860   , L0000861   ,
L0000862   ,
                L0000863   , L0000864   , L0000865   , L0000866   , L0000867   , L0000868   , L0000869   ,
L0000870   ,
                L0000871   , L0000872   , L0000873   , L0000874   , L0000875   , L0000876   , L0000877   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 560637.30   560657.30   560677.30   560697.30   560717.30   560737.30   560757.30
560777.30   560797.30
 -
- - - - - - - -

  4191625.17 | 0.13504   0.13481   0.13446   0.13391   0.13295   0.13207   0.13116
0.13009   0.12876
  4191605.17 | 0.13888   0.13850   0.13798   0.13722   0.13593   0.13477   0.13368
0.13246   0.13105
  4191585.17 | 0.14233   0.14176   0.14104   0.14006   0.13678   0.13501   0.13404
0.13484   0.13322
  4191565.17 | 0.14419   0.14351   0.14265   0.14159   0.14228   0.13902   0.13643
0.13516   0.13329
  4191545.17 | 0.15096   0.14992   0.14875   0.14749   0.14593   0.14403   0.14186
0.13741   0.13458
  4191525.17 | 0.15603   0.15469   0.15341   0.15186   0.14957   0.14735   0.14498
0.14189   0.13636
  4191505.17 | 0.16039   0.15873   0.15712   0.15529   0.15291   0.15026   0.14742
0.14452   0.14138
  4191485.17 | 0.16468   0.16265   0.16058   0.15835   0.15583   0.15295   0.14985
0.14677   0.14339
  4191465.17 | 0.16885   0.16643   0.16380   0.16110   0.15847   0.15548   0.15224
0.14864   0.14529
  4191445.17 | 0.17288   0.17004   0.16720   0.16425   0.16076   0.15747   0.15423
0.15066   0.14701

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  4191425.17 |       0.17700      0.17372      0.17048      0.16704      0.16298      0.15936      0.15590
0.15235      0.14854
  4191405.17 |       0.18107      0.17736      0.17353      0.16956      0.16518      0.16113      0.15732
0.15391      0.15005
  4191385.17 |       0.18455      0.18043      0.17623      0.17194      0.16730      0.16305      0.15903
0.15525      0.15110
  4191365.17 |       0.18785      0.18334      0.17868      0.17399      0.16933      0.16500      0.16088
0.15694      0.15271
  4191345.17 |       0.19100      0.18615      0.18100      0.17596      0.17144      0.16709      0.16294
0.15899      0.15497
  4191325.17 |       0.19409      0.18896      0.18358      0.17840      0.17381      0.16944      0.16524
0.16103      0.15728
  4191305.17 |       0.19687      0.19155      0.18621      0.18111      0.17651      0.17218      0.16805
0.16379      0.16015
  4191285.17 |       0.19963      0.19422      0.18908      0.18424      0.17969      0.17544      0.17135
0.16728      0.16376
  4191265.17 |       0.20326      0.19782      0.19272      0.18794      0.18350      0.17914      0.17504
0.17138      0.16807
  4191245.17 |       0.20744      0.20205      0.19703      0.19237      0.18806      0.18368      0.17964
0.17627      0.17316
  4191225.17 |       0.21239      0.20710      0.20221      0.19768      0.19351      0.18934      0.18533
0.18208      0.17907
  4191205.17 |       0.21829      0.21313      0.20838      0.20399      0.19995      0.19614      0.19244
0.18885      0.18581
  4191185.17 |       0.22533      0.22031      0.21568      0.21140      0.20746      0.20362      0.19996
0.19644      0.19353
  4191165.17 |       0.23367      0.22874      0.22420      0.21998      0.21606      0.21192      0.20802
0.20477      0.20209
  4191145.17 |       0.24341      0.23852      0.23398      0.22962      0.22511      0.22114      0.21746
0.21447      0.21130
  4191125.17 |       0.25321      0.24868      0.24429      0.24001      0.23538      0.23147      0.22790
0.22451      0.22091
  4191105.17 |       0.25476      0.25278      0.25521      0.25114      0.24661      0.24277      0.23899
0.23478      0.23065
  4191085.17 |       0.28082      0.27480      0.26954      0.26444      0.25935      0.25452      0.24989
0.24515      0.24050
  4191065.17 |       0.29668      0.28983      0.28362      0.27772      0.27234      0.26707      0.26178
0.25639      0.25112
  4191045.17 |       0.31159      0.30451      0.29763      0.29107      0.28531      0.27976      0.27406
0.26794      0.26197
  4191025.17 |       0.32945      0.32129      0.31339      0.30585      0.29866      0.29153      0.28473
0.27788      0.27124
  4191005.17 |       0.34624      0.33694      0.32796      0.31927      0.31088      0.30277      0.29493
0.28735      0.28002
  4190985.17 |       0.36170      0.35122      0.34115      0.33146      0.32214      0.31317      0.30453
0.29622      0.28822
  4190965.17 |       0.37646      0.36479      0.35362      0.34292      0.33268      0.32286      0.31346
0.30445      0.29581
  4190945.17 |       0.39033      0.37747      0.36523      0.35356      0.34243      0.33181      0.32168
0.31201      0.30277
  4190925.17 |       0.40317      0.38919      0.37592      0.36334      0.35139      0.34003      0.32923
0.31895      0.30916
  4190905.17 |       0.41496      0.39992      0.38573      0.37230      0.35959      0.34756      0.33614
0.32531      0.31503
  4190885.17 |       0.42572      0.40973      0.39469      0.38050      0.36712      0.35447      0.34251
0.33119      0.32045
  4190865.17 |       0.43546      0.41863      0.40284      0.38799      0.37400      0.36082      0.34837
0.33661      0.32548
  4190845.17 |       0.44412      0.42658      0.41014      0.39472      0.38022      0.36658      0.35371
0.34158      0.33011
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

  PAGE 825
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

                            *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: PEIR
```

***
                                INCLUDING SOURCE(S):   L0000850   , L0000851   , L0000852   , L0000853   ,
L0000854   ,
                L0000855   , L0000856   , L0000857   , L0000858   , L0000859   , L0000860   , L0000861   ,
L0000862   ,
                L0000863   , L0000864   , L0000865   , L0000866   , L0000867   , L0000868   , L0000869   ,
L0000870   ,
                L0000871   , L0000872   , L0000873   , L0000874   , L0000875   , L0000876   , L0000877   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 560637.30   560657.30   560677.30   560697.30   560717.30   560737.30   560757.30
560777.30   560797.30
 -
- - - - - - - -

  4190825.17 | 0.45154   0.43343   0.41648   0.40059   0.38567   0.37165   0.35845
0.34601   0.33426
  4190805.17 | 0.45747   0.43894   0.42161   0.40539   0.39016   0.37586   0.36241
0.34973   0.33777
  4190785.17 | 0.46162   0.44284   0.42529   0.40886   0.39346   0.37899   0.36538
0.35256   0.34047
  4190765.17 | 0.46375   0.44490   0.42729   0.41080   0.39534   0.38081   0.36715
0.35428   0.34214
  4190745.17 | 0.46379   0.44504   0.42751   0.41109   0.39569   0.38122   0.36760
0.35477   0.34267
  4190725.17 | 0.46188   0.44335   0.42602   0.40978   0.39454   0.38022   0.36674
0.35403   0.34203
  4190705.17 | 0.45838   0.44015   0.42309   0.40710   0.39209   0.37798   0.36469
0.35216   0.34033
  4190685.17 | 0.45374   0.43584   0.41909   0.40339   0.38864   0.37476   0.36170
0.34938   0.33774
  4190665.17 | 0.44844   0.43087   0.41442   0.39899   0.38451   0.37088   0.35805
0.34594   0.33451
  4190645.17 | 0.44285   0.42558   0.40941   0.39425   0.38001   0.36662   0.35401
0.34211   0.33087

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                            *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: PEIR
***
                                INCLUDING SOURCE(S):   L0000850   , L0000851   , L0000852   , L0000853   ,
L0000854   ,
                L0000855   , L0000856   , L0000857   , L0000858   , L0000859   , L0000860   , L0000861   ,
L0000862   ,
                L0000863   , L0000864   , L0000865   , L0000866   , L0000867   , L0000868   , L0000869   ,
L0000870   ,
                L0000871   , L0000872   , L0000873   , L0000874   , L0000875   , L0000876   , L0000877   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 560817.30   560837.30   560857.30   560877.30   560897.30   560917.30   560937.30
560957.30   560977.30
 -
- - - - - - - -

4191625.17	0.12727	0.12576	0.12413	0.12237	0.12051	0.11857	0.11657	0.11453	0.11246
4191605.17	0.12944	0.12770	0.12591	0.12402	0.12197	0.11985	0.11770	0.11552	0.11333
4191585.17	0.13137	0.12939	0.12748	0.12555	0.12330	0.12102	0.11872	0.11642	0.11414
4191565.17	0.13129	0.13115	0.12894	0.12666	0.12425	0.12183	0.11945	0.11724	0.11490
4191545.17	0.13249	0.13276	0.13035	0.12781	0.12525	0.12270	0.12023	0.11790	0.11550
4191525.17	0.13404	0.13429	0.13169	0.12899	0.12630	0.12364	0.12104	0.11849	0.11602
4191505.17	0.13546	0.13570	0.13307	0.13036	0.12734	0.12455	0.12188	0.11929	0.11679
4191485.17	0.14004	0.13721	0.13435	0.13143	0.12845	0.12556	0.12276	0.12027	0.11779
4191465.17	0.14206	0.13886	0.13554	0.13231	0.12963	0.12670	0.12380	0.12143	0.11901
4191445.17	0.14342	0.14011	0.13685	0.13366	0.13077	0.12791	0.12510	0.12240	0.11991
4191425.17	0.14479	0.14125	0.13805	0.13502	0.13191	0.12904	0.12632	0.12363	0.12122
4191405.17	0.14611	0.14238	0.13924	0.13633	0.13312	0.13027	0.12767	0.12524	0.12297
4191385.17	0.14695	0.14001	0.14053	0.13776	0.13480	0.13208	0.12959	0.12726	0.12510
4191365.17	0.14497	0.14094	0.14229	0.13961	0.13686	0.13429	0.13191	0.12971	0.12766
4191345.17	0.15113	0.14333	0.14461	0.14205	0.13941	0.13697	0.13471	0.13262	0.13069
4191325.17	0.15371	0.14587	0.14741	0.14499	0.14248	0.14016	0.13802	0.13604	0.13421
4191305.17	0.15683	0.14903	0.15079	0.14850	0.14612	0.14391	0.14188	0.13998	0.13822
4191285.17	0.16057	0.15289	0.15115	0.15263	0.15036	0.14825	0.14628	0.14444	0.14271
4191265.17	0.16502	0.15750	0.15465	0.15372	0.15516	0.15316	0.15123	0.14940	0.14766
4191245.17	0.17022	0.16289	0.16062	0.16253	0.16062	0.15863	0.15668	0.15481	0.15302
4191225.17	0.17620	0.16949	0.17088	0.16891	0.16672	0.16462	0.16260	0.16064	0.15873
4191205.17	0.18312	0.18064	0.17808	0.17556	0.17327	0.17106	0.16896	0.16716	0.16497
4191185.17	0.19093	0.18851	0.18574	0.18299	0.18053	0.17800	0.17558	0.17353	0.17124
4191165.17	0.19950	0.19659	0.19376	0.19100	0.18829	0.18536	0.18234	0.17978	0.17758
4191145.17	0.20821	0.20503	0.20191	0.19886	0.19585	0.19282	0.18977	0.18689	0.18457
4191125.17	0.21730	0.21376	0.21029	0.20687	0.20350	0.20034	0.19721	0.19419	0.19139
4191105.17	0.22660	0.22263	0.21873	0.21489	0.21120	0.20780	0.20464	0.20144	0.19800
4191085.17	0.23604	0.23203	0.22772	0.22348	0.21964	0.21569	0.21167	0.20779	0.20392
4191065.17	0.24597	0.24130	0.23653	0.23178	0.22737	0.22281	0.21828	0.21363	0.20925
4191045.17	0.25615	0.25049	0.24497	0.23959	0.23436	0.22927	0.22415	0.21889	0.21407
4191025.17	0.26479	0.25853	0.25246	0.24657	0.24086	0.23507	0.22931	0.22358	0.21865
4191005.17	0.27294	0.26609	0.25947	0.25308	0.24690	0.24051	0.23427	0.22817	0.22292
4190985.17	0.28052	0.27311	0.26597	0.25910	0.25248	0.24576	0.23905	0.23260	0.22680
4190965.17	0.28752	0.27957	0.27194	0.26462	0.25759	0.25076	0.24394	0.23674	0.23057
4190945.17	0.29394	0.28550	0.27742	0.26969	0.26228	0.25519	0.24814		

0.24055 0.23403
4190925.17 | 0.29983 0.29093 0.28244 0.27434 0.26660 0.25920 0.25185
0.24398 0.23722
4190905.17 | 0.30525 0.29595 0.28709 0.27865 0.27060 0.26292 0.25532
0.24720 0.24022
4190885.17 | 0.31027 0.30060 0.29142 0.28267 0.27435 0.26643 0.25868
0.25050 0.24324
4190865.17 | 0.31494 0.30495 0.29547 0.28646 0.27790 0.26975 0.26189
0.25387 0.24632
4190845.17 | 0.31926 0.30899 0.29925 0.29001 0.28124 0.27289 0.26495
0.25720 0.24921

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PEIR
***

INCLUDING SOURCE(S): L0000850 , L0000851 , L0000852 , L0000853 , L0000854 ,
L0000855 , L0000856 , L0000857 , L0000858 , L0000859 , L0000860 , L0000861 , L0000862 ,
L0000863 , L0000864 , L0000865 , L0000866 , L0000867 , L0000868 , L0000869 , L0000870 ,
L0000871 , L0000872 , L0000873 , L0000874 , L0000875 , L0000876 , L0000877 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)									
	560817.30	560837.30	560857.30	560877.30	560897.30	560917.30	560937.30	560957.30	560977.30	
4190825.17	0.32316	0.31265	0.30270	0.29326	0.28431	0.27580	0.26770	0.26000	0.25186	
4190805.17	0.32648	0.31580	0.30568	0.29609	0.28700	0.27836	0.27014	0.26232	0.25408	
4190785.17	0.32905	0.31825	0.30803	0.29834	0.28915	0.28042	0.27213	0.26423	0.25592	
4190765.17	0.33067	0.31983	0.30957	0.29984	0.29061	0.28185	0.27351	0.26558	0.25733	
4190745.17	0.33123	0.32042	0.31018	0.30047	0.29126	0.28250	0.27418	0.26626	0.25837	
4190725.17	0.33070	0.31997	0.30981	0.30018	0.29103	0.28234	0.27407	0.26620	0.25862	
4190705.17	0.32914	0.31855	0.30852	0.29900	0.28997	0.28138	0.27320	0.26542	0.25800	
4190685.17	0.32673	0.31631	0.30644	0.29706	0.28816	0.27970	0.27165	0.26397	0.25666	
4190665.17	0.32369	0.31345	0.30374	0.29453	0.28578	0.27746	0.26953	0.26199	0.25479	
4190645.17	0.32024	0.31018	0.30064	0.29159	0.28298	0.27480	0.26702	0.25960	0.25252	

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PEIR

***
INCLUDING SOURCE(S): L0000850 , L0000851 , L0000852 , L0000853 , L0000854 ,
L0000855 , L0000856 , L0000857 , L0000858 , L0000859 , L0000860 , L0000861 , L0000862 ,
L0000863 , L0000864 , L0000865 , L0000866 , L0000867 , L0000868 , L0000869 , L0000870 ,
L0000871 , L0000872 , L0000873 , L0000874 , L0000875 , L0000876 , L0000877 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	560997.30	561017.30	561037.30	561057.30	561077.30	561097.30	561117.30	561137.30	561157.30
4191625.17	0.11039	0.10826	0.10613	0.10406	0.10204	0.10008	0.09821	0.09639	0.09461
4191605.17	0.11116	0.10892	0.10675	0.10463	0.10256	0.10058	0.09868	0.09683	0.09505
4191585.17	0.11186	0.10942	0.10736	0.10537	0.10312	0.10108	0.09917	0.09732	0.09554
4191565.17	0.11255	0.11005	0.10795	0.10598	0.10385	0.10174	0.09971	0.09788	0.09613
4191545.17	0.11313	0.11077	0.10864	0.10659	0.10452	0.10239	0.10035	0.09855	0.09684
4191525.17	0.11366	0.11159	0.10942	0.10727	0.10522	0.10312	0.10112	0.09937	0.09772
4191505.17	0.11438	0.11214	0.11007	0.10805	0.10588	0.10392	0.10207	0.10040	0.09882
4191485.17	0.11536	0.11300	0.11089	0.10893	0.10692	0.10503	0.10326	0.10167	0.10018
4191465.17	0.11656	0.11410	0.11192	0.10997	0.10833	0.10650	0.10472	0.10322	0.10183
4191445.17	0.11761	0.11537	0.11330	0.11141	0.10972	0.10808	0.10649	0.10509	0.10379
4191425.17	0.11901	0.11694	0.11501	0.11322	0.11156	0.11002	0.10860	0.10719	0.10594
4191405.17	0.12086	0.11889	0.11707	0.11539	0.11383	0.11239	0.11102	0.10661	0.10480
4191385.17	0.12310	0.12125	0.11953	0.11795	0.11648	0.11512	0.11386	0.11260	0.11146
4191365.17	0.12577	0.12403	0.12241	0.12091	0.11952	0.11814	0.11685	0.11570	0.11461
4191345.17	0.12891	0.12725	0.12571	0.12428	0.12293	0.12147	0.11662	0.11563	0.11468
4191325.17	0.13250	0.13092	0.12943	0.12798	0.12405	0.12236	0.12052	0.11951	0.11853
4191305.17	0.13657	0.13501	0.13345	0.13192	0.12739	0.12536	0.12397	0.12295	0.12262
4191285.17	0.14107	0.13952	0.13779	0.13271	0.13150	0.12936	0.12773	0.12665	0.12653
4191265.17	0.14599	0.14439	0.14259	0.13765	0.13636	0.13415	0.13233	0.13065	0.12930
4191245.17	0.15128	0.14958	0.14767	0.14285	0.14143	0.13913	0.13718	0.13547	0.13358
4191225.17	0.15687	0.15504	0.15303	0.14823	0.14665	0.14423	0.14221	0.14070	0.13883
4191205.17	0.16270	0.16070	0.15867	0.15655	0.15229	0.14935	0.14714	0.14543	0.14390
4191185.17	0.16893	0.16671	0.16440	0.16206	0.15777	0.15468	0.15236	0.15041	0.14878
4191165.17	0.17543	0.17289	0.17020	0.16738	0.16288	0.16007	0.15782	0.15559	0.15337
4191145.17	0.18218	0.17886	0.17588	0.17301	0.16996	0.16561	0.16225		

0.15977 0.15732
4191125.17 | 0.18855 0.18477 0.18130 0.17802 0.17486 0.17176 0.16721
0.16445 0.16174
4191105.17 | 0.19443 0.19055 0.18651 0.18256 0.17936 0.17622 0.17314
0.17012 0.16716
4191085.17 | 0.19999 0.19577 0.19140 0.18714 0.18366 0.18026 0.17693
0.17368 0.17050
4191065.17 | 0.20497 0.20061 0.19617 0.19180 0.18761 0.18389 0.18045
0.17698 0.17360
4191045.17 | 0.20954 0.20506 0.20083 0.19641 0.19120 0.18719 0.18371
0.18003 0.17646
4191025.17 | 0.21394 0.20860 0.20426 0.20029 0.19563 0.19088 0.18419
0.18278 0.17908
4191005.17 | 0.21791 0.21228 0.20775 0.20349 0.19898 0.19401 0.18915
0.18535 0.18150
4190985.17 | 0.22137 0.21613 0.21108 0.20620 0.20150 0.19665 0.19198
0.18777 0.18371
4190965.17 | 0.22487 0.21939 0.21391 0.20857 0.20370 0.19913 0.19472
0.19036 0.18597
4190945.17 | 0.22809 0.22217 0.21642 0.21097 0.20614 0.20155 0.19706
0.19255 0.18804
4190925.17 | 0.23100 0.22457 0.21880 0.21354 0.20876 0.20389 0.19908
0.19446 0.19001
4190905.17 | 0.23380 0.22719 0.22148 0.21628 0.21142 0.20621 0.20102
0.19628 0.19173
4190885.17 | 0.23647 0.22993 0.22421 0.21902 0.21381 0.20827 0.20291
0.19807 0.19343
4190865.17 | 0.23914 0.23276 0.22705 0.22157 0.21595 0.21031 0.20477
0.19991 0.19518
4190845.17 | 0.24171 0.23560 0.22952 0.22370 0.21799 0.21244 0.20714
0.20242 0.19765

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PEIR
***
INCLUDING SOURCE(S): L0000850 , L0000851 , L0000852 , L0000853 ,
L0000854 ,
L0000855 , L0000856 , L0000857 , L0000858 , L0000859 , L0000860 , L0000861 ,
L0000862 ,
L0000863 , L0000864 , L0000865 , L0000866 , L0000867 , L0000868 , L0000869 ,
L0000870 ,
L0000871 , L0000872 , L0000873 , L0000874 , L0000875 , L0000876 , L0000877 ,
. . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD | X-COORD (METERS)
(METERS) | 560997.30 561017.30 561037.30 561057.30 561077.30 561097.30 561117.30
561137.30 561157.30
- -
- - - - - - - -

4190825.17 | 0.24405 0.23800 0.23197 0.22604 0.22022 0.21465 0.20938
0.20452 0.19967
4190805.17 | 0.24617 0.24003 0.23415 0.22836 0.22245 0.21679 0.21137
0.20618 0.20120
4190785.17 | 0.24794 0.24174 0.23579 0.22995 0.22398 0.21827 0.21281
0.20757 0.20255
4190765.17 | 0.24957 0.24307 0.23702 0.23114 0.22515 0.21941 0.21392
0.20865 0.20361
4190745.17 | 0.25069 0.24385 0.23764 0.23184 0.22584 0.22011 0.21461

```
0.20935      0.20430
  4190725.17 |       0.25114      0.24362      0.23729      0.23153      0.22594      0.22030      0.21483
0.20959      0.20456
  4190705.17 |       0.25068      0.24292      0.23658      0.23088      0.22548      0.21997      0.21454
0.20934      0.20435
  4190685.17 |       0.24944      0.24179      0.23554      0.22991      0.22451      0.21912      0.21377
0.20863      0.20370
  4190665.17 |       0.24768      0.24016      0.23400      0.22832      0.22247      0.21732      0.21256
0.20750      0.20264
  4190645.17 |       0.24561      0.23837      0.23223      0.22643      0.22022      0.21536      0.21099
0.20601      0.20122
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                  ***
  09:59:03

  PAGE 830
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

                              *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: PEIR
***
                                  INCLUDING SOURCE(S):     L0000850    , L0000851    , L0000852    , L0000853    ,
L0000854    ,
                 L0000855    , L0000856    , L0000857    , L0000858    , L0000859    , L0000860    , L0000861    ,
L0000862    ,
                 L0000863    , L0000864    , L0000865    , L0000866    , L0000867    , L0000868    , L0000869    ,
L0000870    ,
                 L0000871    , L0000872    , L0000873    , L0000874    , L0000875    , L0000876    , L0000877    ,
. . .      ,

                                   *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                        ** CONC OF PM_10    IN MICROGRAMS/M**3                         **

    Y-COORD  |                                              X-COORD (METERS)
    (METERS) |     561177.30    561197.30    561217.30    561237.30    561257.30    561277.30    561297.30
561317.30    561337.30
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

  4191625.17 |       0.09290      0.09124      0.08963      0.08809      0.08661      0.08519      0.08384
0.08256      0.08125
  4191605.17 |       0.09333      0.09168      0.09009      0.08858      0.08713      0.08576      0.08446
0.08324      0.08199
  4191585.17 |       0.09384      0.09221      0.09066      0.08918      0.08779      0.08648      0.08524
0.08409      0.08291
  4191565.17 |       0.09445      0.09287      0.09137      0.08995      0.08862      0.08738      0.08622
0.08514      0.08404
  4191545.17 |       0.09522      0.09369      0.09226      0.09091      0.08966      0.08850      0.08742
0.08642      0.08538
  4191525.17 |       0.09617      0.09472      0.09336      0.09210      0.09093      0.08985      0.08885
0.08792      0.08695
  4191505.17 |       0.09735      0.09599      0.09472      0.09355      0.09246      0.09145      0.09052
0.08965      0.08873
  4191485.17 |       0.09880      0.09753      0.09640      0.09533      0.09426      0.09330      0.09243
0.09154      0.09073
  4191465.17 |       0.10054      0.09935      0.09836      0.09744      0.09633      0.09536      0.09451
0.09125      0.09291
  4191445.17 |       0.10259      0.10147      0.10038      0.09933      0.09607      0.09443      0.09320
0.09601      0.09535
  4191425.17 |       0.10481      0.10118      0.09975      0.09853      0.09721      0.09608      0.09535
0.09651      0.09782
  4191405.17 |       0.10365      0.10186      0.10126      0.10098      0.09962      0.09877      0.09821
0.09821      0.09787
  4191385.17 |       0.11041      0.10935      0.10502      0.10350      0.10428      0.10392      0.10491
0.10414      0.10333
  4191365.17 |       0.11357      0.11257      0.10915      0.10752      0.10977      0.10896      0.10808
0.10721      0.10635
  4191345.17 |       0.11377      0.11288      0.11493      0.11411      0.11314      0.11218      0.11124
```

0.11031   0.10938
  4191325.17 | 0.11758   0.11664   0.11846   0.11759   0.11655   0.11552   0.11451
0.11350   0.11250
  4191305.17 | 0.12266   0.12160   0.12215   0.12109   0.12004   0.11896   0.11786
0.11676   0.11567
  4191285.17 | 0.12856   0.12734   0.12595   0.12298   0.12358   0.12247   0.12127
0.12007   0.11887
  4191265.17 | 0.12823   0.12743   0.12715   0.12853   0.12487   0.12435   0.12465
0.12213   0.12192
  4191245.17 | 0.13192   0.13100   0.13079   0.13108   0.12795   0.12676   0.12591
0.12444   0.12386
  4191225.17 | 0.13689   0.13542   0.13468   0.13375   0.13120   0.12941   0.12800
0.12700   0.12631
  4191205.17 | 0.14236   0.14064   0.13892   0.13706   0.13506   0.13284   0.13064
0.12951   0.12880
  4191185.17 | 0.14722   0.14526   0.14295   0.14068   0.13839   0.13589   0.13365
0.13213   0.13137
  4191165.17 | 0.15117   0.14900   0.14684   0.14434   0.14116   0.13877   0.13682
0.13480   0.13377
  4191145.17 | 0.15513   0.15468   0.15079   0.14740   0.14398   0.14198   0.14024
0.13773   0.13638
  4191125.17 | 0.16065   0.15821   0.15543   0.15051   0.14734   0.14530   0.14388
0.14087   0.13924
  4191105.17 | 0.16426   0.16142   0.15845   0.15371   0.15317   0.15065   0.14811
0.14562   0.14319
  4191085.17 | 0.16740   0.16437   0.16136   0.15838   0.15566   0.15296   0.15032
0.14790   0.14527
  4191065.17 | 0.17030   0.16709   0.16397   0.16093   0.15797   0.15509   0.15232
0.14987   0.14717
  4191045.17 | 0.17298   0.16961   0.16633   0.16315   0.16005   0.15705   0.15421
0.15162   0.14893
  4191025.17 | 0.17545   0.17192   0.16850   0.16519   0.16197   0.15899   0.15613
0.15327   0.15045
  4191005.17 | 0.17771   0.17404   0.17060   0.16725   0.16392   0.16083   0.15783
0.15479   0.15185
  4190985.17 | 0.17979   0.17599   0.17258   0.16927   0.16583   0.16249   0.15927
0.15615   0.15314
  4190965.17 | 0.18175   0.17811   0.17443   0.17087   0.16733   0.16392   0.16062
0.15742   0.15434
  4190945.17 | 0.18376   0.17995   0.17622   0.17251   0.16879   0.16525   0.16188
0.15862   0.15547
  4190925.17 | 0.18572   0.18160   0.17783   0.17420   0.17020   0.16654   0.16310
0.15978   0.15657
  4190905.17 | 0.18736   0.18315   0.17899   0.17498   0.17138   0.16780   0.16430
0.16092   0.15766
  4190885.17 | 0.18897   0.18468   0.18050   0.17648   0.17270   0.16906   0.16551
0.16208   0.15877
  4190865.17 | 0.19064   0.18627   0.18229   0.17840   0.17420   0.17035   0.16670
0.16326   0.15991
  4190845.17 | 0.19301   0.18855   0.18399   0.17955   0.17550   0.17131   0.16747
0.16461   0.16125

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                           *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: PEIR
***
                               INCLUDING SOURCE(S):   L0000850   , L0000851   , L0000852   , L0000853   ,
L0000854   ,
               L0000855   , L0000856   , L0000857   , L0000858   , L0000859   , L0000860   , L0000861   ,
L0000862   ,
               L0000863   , L0000864   , L0000865   , L0000866   , L0000867   , L0000868   , L0000869   ,
L0000870   ,
               L0000871   , L0000872   , L0000873   , L0000874   , L0000875   , L0000876   , L0000877   ,
. . .   ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	561177.30	561197.30	561217.30	561237.30	561257.30	561277.30	561297.30	561317.30	561337.30
4190825.17	0.19494	0.19041	0.18571	0.18116	0.17690	0.17265	0.16872	0.16549	0.16219
4190805.17	0.19642	0.19184	0.18743	0.18303	0.17828	0.17419	0.17035	0.16613	0.16286
4190785.17	0.19773	0.19310	0.18865	0.18422	0.17944	0.17531	0.17153	0.16794	0.16398
4190765.17	0.19876	0.19411	0.18964	0.18524	0.18054	0.17634	0.17249	0.16916	0.16512
4190745.17	0.19945	0.19480	0.19032	0.18597	0.18147	0.17720	0.17315	0.16977	0.16609
4190725.17	0.19973	0.19509	0.19063	0.18635	0.18212	0.17770	0.17342	0.16940	0.16570
4190705.17	0.19956	0.19496	0.19054	0.18628	0.18219	0.17795	0.17373	0.16950	0.16376
4190685.17	0.19897	0.19442	0.19004	0.18583	0.18178	0.17788	0.17398	0.16976	0.16572
4190665.17	0.19797	0.19348	0.18917	0.18501	0.18102	0.17717	0.17336	0.16943	0.16560
4190645.17	0.19663	0.19221	0.18796	0.18388	0.17994	0.17615	0.17244	0.16874	0.16500

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PEIR ***

INCLUDING SOURCE(S): L0000850 , L0000851 , L0000852 , L0000853 , L0000854 ,
L0000855 , L0000856 , L0000857 , L0000858 , L0000859 , L0000860 , L0000861 , L0000862 ,
L0000863 , L0000864 , L0000865 , L0000866 , L0000867 , L0000868 , L0000869 , L0000870 ,
L0000871 , L0000872 , L0000873 , L0000874 , L0000875 , L0000876 , L0000877 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)		
	561357.30	561377.30	561397.30
4191625.17	0.07721	0.07614	0.07515
4191605.17	0.07791	0.07693	0.07603
4191585.17	0.07884	0.07795	0.07714
4191565.17	0.08001	0.07921	0.07849
4191545.17	0.08143	0.08072	0.08006
4191525.17	0.08310	0.08245	0.08185
4191505.17	0.08500	0.08439	0.08382
4191485.17	0.08791	0.08685	0.08597
4191465.17	0.09230	0.08938	0.08826
4191445.17	0.09466	0.09181	0.09069

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  4191425.17 |       0.09707      0.09416      0.09326
  4191405.17 |       0.09722      0.09658      0.09595
  4191385.17 |       0.10253      0.10175      0.09953
  4191365.17 |       0.10549      0.10465      0.10368
  4191345.17 |       0.10846      0.10755      0.10651
  4191325.17 |       0.11151      0.11052      0.10939
  4191305.17 |       0.11459      0.11351      0.11235
  4191285.17 |       0.11768      0.11650      0.11532
  4191265.17 |       0.12075      0.11945      0.11816
  4191245.17 |       0.12375      0.12232      0.12084
  4191225.17 |       0.12664      0.12508      0.12337
  4191205.17 |       0.12940      0.12771      0.12586
  4191185.17 |       0.13201      0.13028      0.12834
  4191165.17 |       0.13449      0.13277      0.13076
  4191145.17 |       0.13681      0.13513      0.13300
  4191125.17 |       0.13896      0.13720      0.13499
  4191105.17 |       0.14092      0.13906      0.13678
  4191085.17 |       0.14274      0.14078      0.13851
  4191065.17 |       0.14453      0.14241      0.14005
  4191045.17 |       0.14628      0.14392      0.14144
  4191025.17 |       0.14771      0.14528      0.14273
  4191005.17 |       0.14903      0.14653      0.14392
  4190985.17 |       0.15025      0.14769      0.14501
  4190965.17 |       0.15139      0.14877      0.14604
  4190945.17 |       0.15247      0.14980      0.14702
  4190925.17 |       0.15352      0.15080      0.14797
  4190905.17 |       0.15452      0.15156      0.14877
  4190885.17 |       0.15558      0.15249      0.14971
  4190865.17 |       0.15667      0.15354      0.15072
  4190845.17 |       0.15779      0.15462      0.15176
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                  ***
  09:59:03

  PAGE 833
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

                           *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: PEIR
***
                               INCLUDING SOURCE(S):     L0000850    , L0000851    , L0000852    , L0000853    ,
L0000854    ,
                 L0000855    , L0000856    , L0000857    , L0000858    , L0000859    , L0000860    , L0000861    ,
L0000862    ,
                 L0000863    , L0000864    , L0000865    , L0000866    , L0000867    , L0000868    , L0000869    ,
L0000870    ,
                 L0000871    , L0000872    , L0000873    , L0000874    , L0000875    , L0000876    , L0000877    ,
. . .       ,

                                *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10    IN MICROGRAMS/M**3                          **

    Y-COORD  |                                              X-COORD (METERS)
    (METERS) |     561357.30    561377.30    561397.30
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

  4190825.17 |       0.15891      0.15570      0.15281
  4190805.17 |       0.15996      0.15672      0.15380
  4190785.17 |       0.15756      0.15731      0.15450
  4190765.17 |       0.15876      0.15794      0.15512
  4190745.17 |       0.16237      0.15858      0.15563
  4190725.17 |       0.16232      0.15927      0.15620
  4190705.17 |       0.15998      0.15943      0.15637
  4190685.17 |       0.15979      0.15904      0.15617
  4190665.17 |       0.16195      0.15844      0.15549
  4190645.17 |       0.16136      0.15790      0.15483
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
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*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PEIR ***

INCLUDING SOURCE(S): L0000850 , L0000851 , L0000852 , L0000853 , L0000854 ,
L0000855 , L0000856 , L0000857 , L0000858 , L0000859 , L0000860 , L0000861 , L0000862 ,
L0000863 , L0000864 , L0000865 , L0000866 , L0000867 , L0000868 , L0000869 , L0000870 ,
L0000871 , L0000872 , L0000873 , L0000874 , L0000875 , L0000876 , L0000877 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
560122.00	4190978.00	1.01620	560142.00	4190978.00	0.97008
560162.00	4190978.00	0.92478	560182.00	4190978.00	0.88051
560202.00	4190978.00	0.83669	560222.00	4190978.00	0.79501
560242.00	4190978.00	0.75556	560262.00	4190978.00	0.71983
560102.00	4190998.00	0.94604	560122.00	4190998.00	0.91445
560142.00	4190998.00	0.87602	560162.00	4190998.00	0.83790
560182.00	4190998.00	0.80108	560202.00	4190998.00	0.76560
560222.00	4190998.00	0.73143	560242.00	4190998.00	0.69863
560262.00	4190998.00	0.66742	560282.00	4190998.00	0.63707
560302.00	4190998.00	0.60775	560322.00	4190998.00	0.58252
560102.00	4191018.00	0.84990	560122.00	4191018.00	0.82615
560142.00	4191018.00	0.79595	560162.00	4191018.00	0.76508
560182.00	4191018.00	0.73451	560202.00	4191018.00	0.70455
560222.00	4191018.00	0.67535	560242.00	4191018.00	0.64701
560262.00	4191018.00	0.61968	560282.00	4191018.00	0.59358
560302.00	4191018.00	0.56892	560322.00	4191018.00	0.54587
560342.00	4191018.00	0.52451	560362.00	4191018.00	0.50482
560382.00	4191018.00	0.48672	560402.00	4191018.00	0.46921
560102.00	4191038.00	0.77197	560122.00	4191038.00	0.75054
560142.00	4191038.00	0.72680	560162.00	4191038.00	0.70222
560182.00	4191038.00	0.67724	560202.00	4191038.00	0.65220
560222.00	4191038.00	0.62734	560242.00	4191038.00	0.60282

560262.00	4191038.00	0.57885	560282.00	4191038.00	0.55561
560302.00	4191038.00	0.53332	560322.00	4191038.00	0.51219
560342.00	4191038.00	0.49238	560362.00	4191038.00	0.47397
560382.00	4191038.00	0.45697	560402.00	4191038.00	0.44109
560422.00	4191038.00	0.42619	560442.00	4191038.00	0.41296
560462.00	4191038.00	0.40025	560082.00	4191058.00	0.71855
560102.00	4191058.00	0.70320	560122.00	4191058.00	0.68497
560142.00	4191058.00	0.66622	560162.00	4191058.00	0.64676
560182.00	4191058.00	0.62666	560202.00	4191058.00	0.60610
560222.00	4191058.00	0.58525	560242.00	4191058.00	0.56429
560262.00	4191058.00	0.54341	560282.00	4191058.00	0.52283
560302.00	4191058.00	0.50276	560322.00	4191058.00	0.48342
560342.00	4191058.00	0.46502	560362.00	4191058.00	0.44770
560382.00	4191058.00	0.43156	560402.00	4191058.00	0.41663
560422.00	4191058.00	0.40286	560442.00	4191058.00	0.39021
560462.00	4191058.00	0.37815	560082.00	4191078.00	0.65550
560102.00	4191078.00	0.64290	560122.00	4191078.00	0.62797
560142.00	4191078.00	0.61287	560162.00	4191078.00	0.59734

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PEIR ***

INCLUDING SOURCE(S): L0000850 , L0000851 , L0000852 , L0000853 , L0000854 ,
L0000855 , L0000856 , L0000857 , L0000858 , L0000859 , L0000860 , L0000861 , L0000862 ,
L0000863 , L0000864 , L0000865 , L0000866 , L0000867 , L0000868 , L0000869 , L0000870 ,
L0000871 , L0000872 , L0000873 , L0000874 , L0000875 , L0000876 , L0000877 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
560182.00	4191078.00	0.58124	560202.00	4191078.00	0.56459
560222.00	4191078.00	0.54742	560242.00	4191078.00	0.52982
560262.00	4191078.00	0.51193	560282.00	4191078.00	0.49394
560302.00	4191078.00	0.47607	560322.00	4191078.00	0.45853

560342.00	4191078.00	0.44155	560362.00	4191078.00	0.42532
560382.00	4191078.00	0.40998	560402.00	4191078.00	0.39563
560422.00	4191078.00	0.38233	560442.00	4191078.00	0.37005
560462.00	4191078.00	0.35874	560482.00	4191078.00	0.34835
560502.00	4191078.00	0.33878	560082.00	4191098.00	0.60124
560102.00	4191098.00	0.59076	560122.00	4191098.00	0.57827
560142.00	4191098.00	0.56580	560162.00	4191098.00	0.55317
560182.00	4191098.00	0.54019	560202.00	4191098.00	0.52674
560222.00	4191098.00	0.51278	560242.00	4191098.00	0.49826
560262.00	4191098.00	0.48324	560282.00	4191098.00	0.46781
560302.00	4191098.00	0.45217	560322.00	4191098.00	0.43651
560342.00	4191098.00	0.42105	560362.00	4191098.00	0.40599
560382.00	4191098.00	0.39153	560402.00	4191098.00	0.37780
560422.00	4191098.00	0.36492	560442.00	4191098.00	0.35293
560462.00	4191098.00	0.34184	560482.00	4191098.00	0.33162
560502.00	4191098.00	0.32222	560522.00	4191098.00	0.31321
560062.00	4191118.00	0.56103	560082.00	4191118.00	0.55406
560102.00	4191118.00	0.54530	560122.00	4191118.00	0.53469
560142.00	4191118.00	0.52416	560162.00	4191118.00	0.51367
560182.00	4191118.00	0.50303	560202.00	4191118.00	0.49210
560222.00	4191118.00	0.48077	560242.00	4191118.00	0.46894
560262.00	4191118.00	0.45655	560282.00	4191118.00	0.44359
560302.00	4191118.00	0.43018	560322.00	4191118.00	0.41646
560342.00	4191118.00	0.40264	560362.00	4191118.00	0.38892
560382.00	4191118.00	0.37547	560402.00	4191118.00	0.36249
560422.00	4191118.00	0.35010	560442.00	4191118.00	0.33843
560462.00	4191118.00	0.32753	560482.00	4191118.00	0.31742
560502.00	4191118.00	0.30809	560522.00	4191118.00	0.29885
560062.00	4191138.00	0.51835	560082.00	4191138.00	0.51265
560102.00	4191138.00	0.50531	560122.00	4191138.00	0.49624
560142.00	4191138.00	0.48722	560162.00	4191138.00	0.47831
560182.00	4191138.00	0.46942	560202.00	4191138.00	0.46041
560222.00	4191138.00	0.45116	560242.00	4191138.00	0.44154
560262.00	4191138.00	0.43143	560282.00	4191138.00	0.42074

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PEIR ***

INCLUDING SOURCE(S): L0000850 , L0000851 , L0000852 , L0000853 , L0000854 ,
L0000855 , L0000856 , L0000857 , L0000858 , L0000859 , L0000860 , L0000861 , L0000862 ,
L0000863 , L0000864 , L0000865 , L0000866 , L0000867 , L0000868 , L0000869 , L0000870 ,
L0000871 , L0000872 , L0000873 , L0000874 , L0000875 , L0000876 , L0000877 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
560302.00	4191138.00	0.40947	560322.00	4191138.00	0.39772
560342.00	4191138.00	0.38562	560362.00	4191138.00	0.37336
560382.00	4191138.00	0.36110	560402.00	4191138.00	0.34902
560422.00	4191138.00	0.33729	560442.00	4191138.00	0.32605
560462.00	4191138.00	0.31541	560482.00	4191138.00	0.30543
560502.00	4191138.00	0.29605	560062.00	4191158.00	0.48073
560082.00	4191158.00	0.47604	560102.00	4191158.00	0.46987
560122.00	4191158.00	0.46210	560142.00	4191158.00	0.45431
560162.00	4191158.00	0.44662	560182.00	4191158.00	0.43904
560202.00	4191158.00	0.43148	560222.00	4191158.00	0.42381
560242.00	4191158.00	0.41593	560262.00	4191158.00	0.40770
560282.00	4191158.00	0.39899	560302.00	4191158.00	0.38970
560322.00	4191158.00	0.37983	560342.00	4191158.00	0.36947
560362.00	4191158.00	0.35874	560382.00	4191158.00	0.34779
560402.00	4191158.00	0.33679	560422.00	4191158.00	0.32589
560442.00	4191158.00	0.31525	560462.00	4191158.00	0.30500
560482.00	4191158.00	0.29524	560502.00	4191158.00	0.28471
560062.00	4191178.00	0.44860	560082.00	4191178.00	0.44395
560102.00	4191178.00	0.43827	560122.00	4191178.00	0.43158
560142.00	4191178.00	0.42482	560162.00	4191178.00	0.41813
560182.00	4191178.00	0.41156	560202.00	4191178.00	0.40509
560222.00	4191178.00	0.39863	560242.00	4191178.00	0.39209

560322.00	4191178.00	0.36256	560342.00	4191178.00	0.35386
560362.00	4191178.00	0.34468	560382.00	4191178.00	0.33511
560402.00	4191178.00	0.32530	560422.00	4191178.00	0.31538
560442.00	4191178.00	0.30551	560462.00	4191178.00	0.29581
560482.00	4191178.00	0.28643	560502.00	4191178.00	0.27566
560062.00	4191198.00	0.42043	560082.00	4191198.00	0.41541
560102.00	4191198.00	0.40991	560122.00	4191198.00	0.40416
560142.00	4191198.00	0.39829	560162.00	4191198.00	0.39242
560182.00	4191198.00	0.38667	560202.00	4191198.00	0.38103
560222.00	4191198.00	0.37549	560362.00	4191198.00	0.33094
560382.00	4191198.00	0.32276	560402.00	4191198.00	0.31419
560422.00	4191198.00	0.30536	560442.00	4191198.00	0.29639
560462.00	4191198.00	0.28740	560482.00	4191198.00	0.27849
560042.00	4191218.00	0.39696	560062.00	4191218.00	0.39348
560082.00	4191218.00	0.38909	560102.00	4191218.00	0.38436
560122.00	4191218.00	0.37939	560142.00	4191218.00	0.37428
560162.00	4191218.00	0.36914	560182.00	4191218.00	0.36406
560202.00	4191218.00	0.35909	560222.00	4191218.00	0.35426
560342.00	4191218.00	0.32377	560362.00	4191218.00	0.31743
560382.00	4191218.00	0.31057	560402.00	4191218.00	0.30325

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PEIR
***
INCLUDING SOURCE(S): L0000850 , L0000851 , L0000852 , L0000853 ,
L0000854 ,
L0000855 , L0000856 , L0000857 , L0000858 , L0000859 , L0000860 , L0000861 ,
L0000862 ,
L0000863 , L0000864 , L0000865 , L0000866 , L0000867 , L0000868 , L0000869 ,
L0000870 ,
L0000871 , L0000872 , L0000873 , L0000874 , L0000875 , L0000876 , L0000877 ,
. . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
560422.00	4191218.00	0.29554	560442.00	4191218.00	0.28757

560462.00	4191218.00	0.27914	560482.00	4191218.00	0.27034
560082.00	4191238.00	0.36534	560102.00	4191238.00	0.36123
560122.00	4191238.00	0.35692	560142.00	4191238.00	0.35247
560162.00	4191238.00	0.34795	560182.00	4191238.00	0.34346
560202.00	4191238.00	0.33905	560222.00	4191238.00	0.33477
560342.00	4191238.00	0.30928	560362.00	4191238.00	0.30413
560382.00	4191238.00	0.29849	560402.00	4191238.00	0.29236
560422.00	4191238.00	0.28578	560442.00	4191238.00	0.27883
560462.00	4191238.00	0.27108	560182.00	4191258.00	0.32463
560202.00	4191258.00	0.32070	560322.00	4191258.00	0.29907
560342.00	4191258.00	0.29525	560362.00	4191258.00	0.29111
560382.00	4191258.00	0.28653	560402.00	4191258.00	0.28149
560422.00	4191258.00	0.27598	560442.00	4191258.00	0.27002
560462.00	4191258.00	0.26301	560322.00	4191278.00	0.28490
560342.00	4191278.00	0.28178	560362.00	4191278.00	0.27844
560382.00	4191278.00	0.27476	560402.00	4191278.00	0.27068
560422.00	4191278.00	0.26616	560442.00	4191278.00	0.26065
559982.00	4191298.00	0.31636	560002.00	4191298.00	0.31532
560022.00	4191298.00	0.31351	560042.00	4191298.00	0.31144
560062.00	4191298.00	0.30908	560302.00	4191298.00	0.27406
560322.00	4191298.00	0.27151	560342.00	4191298.00	0.26892
560362.00	4191298.00	0.26621	560382.00	4191298.00	0.26326
560402.00	4191298.00	0.25999	560422.00	4191298.00	0.25633
560442.00	4191298.00	0.25128	559962.00	4191318.00	0.30115
559982.00	4191318.00	0.29995	560002.00	4191318.00	0.29826
560022.00	4191318.00	0.29656	560042.00	4191318.00	0.29469
560062.00	4191318.00	0.29256	560082.00	4191318.00	0.29021
560102.00	4191318.00	0.28768	560122.00	4191318.00	0.28505
560142.00	4191318.00	0.28236	560162.00	4191318.00	0.27962
560302.00	4191318.00	0.26113	560322.00	4191318.00	0.25891
560342.00	4191318.00	0.25672	560362.00	4191318.00	0.25449
560382.00	4191318.00	0.25212	560402.00	4191318.00	0.24951
560422.00	4191318.00	0.24658	559962.00	4191338.00	0.28538
559982.00	4191338.00	0.28426	560002.00	4191338.00	0.28270
560022.00	4191338.00	0.28114	560042.00	4191338.00	0.27942

560062.00	4191338.00	0.27749	560082.00	4191338.00	0.27534
560102.00	4191338.00	0.27304	560122.00	4191338.00	0.27066
560142.00	4191338.00	0.26823	560162.00	4191338.00	0.26578
560182.00	4191338.00	0.26330	560202.00	4191338.00	0.26079

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PEIR ***

INCLUDING SOURCE(S): L0000850 , L0000851 , L0000852 , L0000853 , L0000854 ,
L0000855 , L0000856 , L0000857 , L0000858 , L0000859 , L0000860 , L0000861 , L0000862 ,
L0000863 , L0000864 , L0000865 , L0000866 , L0000867 , L0000868 , L0000869 , L0000870 ,
L0000871 , L0000872 , L0000873 , L0000874 , L0000875 , L0000876 , L0000877 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
560222.00	4191338.00	0.25828	560242.00	4191338.00	0.25581
560302.00	4191338.00	0.24907	560322.00	4191338.00	0.24709
560342.00	4191338.00	0.24520	560362.00	4191338.00	0.24332
560382.00	4191338.00	0.24139	560402.00	4191338.00	0.23931
560422.00	4191338.00	0.23699	559962.00	4191358.00	0.27103
559982.00	4191358.00	0.26998	560002.00	4191358.00	0.26852
560022.00	4191358.00	0.26707	560042.00	4191358.00	0.26548
560062.00	4191358.00	0.26370	560082.00	4191358.00	0.26172
560102.00	4191358.00	0.25961	560122.00	4191358.00	0.25742
560142.00	4191358.00	0.25521	560162.00	4191358.00	0.25299
560182.00	4191358.00	0.25076	560202.00	4191358.00	0.24851
560222.00	4191358.00	0.24625	560242.00	4191358.00	0.24401
560262.00	4191358.00	0.24182	560282.00	4191358.00	0.23975
560302.00	4191358.00	0.23781	560322.00	4191358.00	0.23602
560342.00	4191358.00	0.23434	560362.00	4191358.00	0.23273
560382.00	4191358.00	0.23089	560402.00	4191358.00	0.22908
559962.00	4191378.00	0.25792	559982.00	4191378.00	0.25693

560002.00	4191378.00	0.25556	560022.00	4191378.00	0.25420
560042.00	4191378.00	0.25272	560062.00	4191378.00	0.25107
560082.00	4191378.00	0.24923	560102.00	4191378.00	0.24727
560122.00	4191378.00	0.24524	560142.00	4191378.00	0.24320
560162.00	4191378.00	0.24116	560182.00	4191378.00	0.23914
560202.00	4191378.00	0.23711	560222.00	4191378.00	0.23507
560242.00	4191378.00	0.23303	560262.00	4191378.00	0.23103
560282.00	4191378.00	0.22910	560302.00	4191378.00	0.22726
560322.00	4191378.00	0.22558	560342.00	4191378.00	0.22404
559982.00	4191398.00	0.24498	560002.00	4191398.00	0.24369
560022.00	4191398.00	0.24241	560042.00	4191398.00	0.24102
560062.00	4191398.00	0.23947	560082.00	4191398.00	0.23775
560102.00	4191398.00	0.23591	560122.00	4191398.00	0.23401
560142.00	4191398.00	0.23210	560162.00	4191398.00	0.23022
560182.00	4191398.00	0.22836	560202.00	4191398.00	0.22651
560222.00	4191398.00	0.22465	560242.00	4191398.00	0.22280
560262.00	4191398.00	0.22096	560282.00	4191398.00	0.21898
559982.00	4191418.00	0.23354	560002.00	4191418.00	0.23233
560022.00	4191418.00	0.23140	560042.00	4191418.00	0.23027
560062.00	4191418.00	0.22880	560082.00	4191418.00	0.22718
560102.00	4191418.00	0.22545	560122.00	4191418.00	0.22365
560142.00	4191418.00	0.22185	560162.00	4191418.00	0.22008
560182.00	4191418.00	0.21835	560202.00	4191418.00	0.21665

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PEIR ***

INCLUDING SOURCE(S): L0000850 , L0000851 , L0000852 , L0000853 , L0000854 ,
L0000855 , L0000856 , L0000857 , L0000858 , L0000859 , L0000860 , L0000861 , L0000862 ,
L0000863 , L0000864 , L0000865 , L0000866 , L0000867 , L0000868 , L0000869 , L0000870 ,
L0000871 , L0000872 , L0000873 , L0000874 , L0000875 , L0000876 , L0000877 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
560222.00	4191418.00	0.21495	560242.00	4191418.00	0.21326
560262.00	4191418.00	0.21157	560002.00	4191438.00	0.22156
560022.00	4191438.00	0.22109	560042.00	4191438.00	0.22028
560062.00	4191438.00	0.21897	560082.00	4191438.00	0.21744
560102.00	4191438.00	0.21579	560122.00	4191438.00	0.21408
560142.00	4191438.00	0.21237	560162.00	4191438.00	0.21069
560182.00	4191438.00	0.20906	560202.00	4191438.00	0.20747
560222.00	4191438.00	0.20591	560242.00	4191438.00	0.20435
560262.00	4191438.00	0.20277	560042.00	4191458.00	0.21016
560062.00	4191458.00	0.20982	560082.00	4191458.00	0.20844
560102.00	4191458.00	0.20687	560122.00	4191458.00	0.20523
560142.00	4191458.00	0.20359	560162.00	4191458.00	0.20199
560182.00	4191458.00	0.20044	560202.00	4191458.00	0.19894
560222.00	4191458.00	0.19747	560242.00	4191458.00	0.19603
560262.00	4191458.00	0.19422	560142.00	4191478.00	0.19500
560162.00	4191478.00	0.19359	560182.00	4191478.00	0.19210
560202.00	4191478.00	0.19087	560222.00	4191478.00	0.18961
560242.00	4191478.00	0.18825	560155.00	4190663.00	1.95354
560175.00	4190663.00	1.79758	560115.00	4190683.00	2.50477
560135.00	4190683.00	2.28639	560155.00	4190683.00	2.08873
560175.00	4190683.00	1.90217	560095.00	4190703.00	3.05621
560115.00	4190703.00	2.73678	560135.00	4190703.00	2.46017
560155.00	4190703.00	2.21862	560175.00	4190703.00	1.99902
560095.00	4190723.00	3.38628	560115.00	4190723.00	2.96790
560135.00	4190723.00	2.62305	560155.00	4190723.00	2.33560
560175.00	4190723.00	2.08387	560195.00	4190723.00	1.87199
560095.00	4190743.00	3.70617	560115.00	4190743.00	3.17400
560135.00	4190743.00	2.76118	560155.00	4190743.00	2.43229
560175.00	4190743.00	2.15278	560195.00	4190743.00	1.92284
560075.00	4190763.00	4.80670	560095.00	4190763.00	3.95118
560115.00	4190763.00	3.32038	560135.00	4190763.00	2.85506
560155.00	4190763.00	2.49617	560175.00	4190763.00	2.19679
560195.00	4190763.00	1.95430	560215.00	4190763.00	1.75478

560075.00	4190783.00	4.95097	560095.00	4190783.00	4.01702
560115.00	4190783.00	3.35072	560135.00	4190783.00	2.86958
560155.00	4190783.00	2.50307	560175.00	4190783.00	2.19855
560195.00	4190783.00	1.95339	560215.00	4190783.00	1.75221
560235.00	4190783.00	1.58444	560075.00	4190803.00	4.65192
560095.00	4190803.00	3.82326	560115.00	4190803.00	3.21718
560135.00	4190803.00	2.77358	560155.00	4190803.00	2.43173

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PEIR ***

INCLUDING SOURCE(S): L0000850 , L0000851 , L0000852 , L0000853 , L0000854 ,
L0000855 , L0000856 , L0000857 , L0000858 , L0000859 , L0000860 , L0000861 , L0000862 ,
L0000863 , L0000864 , L0000865 , L0000866 , L0000867 , L0000868 , L0000869 , L0000870 ,
L0000871 , L0000872 , L0000873 , L0000874 , L0000875 , L0000876 , L0000877 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
560175.00	4190803.00	2.14331	560195.00	4190803.00	1.90949
560215.00	4190803.00	1.71654	560235.00	4190803.00	1.55491
560255.00	4190803.00	1.41821	560275.00	4190803.00	1.30127
560075.00	4190823.00	4.08916	560095.00	4190823.00	3.44513
560115.00	4190823.00	2.95167	560135.00	4190823.00	2.57223
560155.00	4190823.00	2.27232	560175.00	4190823.00	2.02844
560195.00	4190823.00	1.82174	560215.00	4190823.00	1.64608
560235.00	4190823.00	1.49730	560255.00	4190823.00	1.36991
560275.00	4190823.00	1.25978	560295.00	4190823.00	1.16376
560315.00	4190823.00	1.08077	560115.00	4190843.00	2.63475
560135.00	4190843.00	2.32405	560155.00	4190843.00	2.07336
560175.00	4190843.00	1.86978	560195.00	4190843.00	1.69558
560215.00	4190843.00	1.54519	560235.00	4190843.00	1.41415
560255.00	4190843.00	1.30064	560275.00	4190843.00	1.20148
560295.00	4190843.00	1.11424	560315.00	4190843.00	1.03699

560335.00 4190843.00 0.96820 560195.00 4190863.00 1.54324

560215.00 4190863.00 1.42387 560235.00 4190863.00 1.31246

560255.00 4190863.00 1.21490 560275.00 4190863.00 1.12876

560295.00 4190863.00 1.05219 560315.00 4190863.00 0.98373

560335.00 4190863.00 0.92222 560075.00 4190883.00 2.46980

560095.00 4190883.00 2.21635 560115.00 4190883.00 1.99774

560255.00 4190883.00 1.12053 560275.00 4190883.00 1.04753

560295.00 4190883.00 0.98207 560315.00 4190883.00 0.92301

560335.00 4190883.00 0.86945

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PLAPM ***

INCLUDING SOURCE(S): PLAPM ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	559917.30	559937.30	559957.30	559977.30	559997.30	560017.30	560037.30	560057.30	560077.30
4191625.17	0.28346	0.25440	0.22768	0.21023	0.19887	0.19091	0.18642	0.18606	0.19138
4191605.17	0.29985	0.27076	0.24146	0.22175	0.20933	0.20072	0.19576	0.19544	0.20099
4191585.17	0.31679	0.28852	0.25665	0.23439	0.22037	0.21089	0.20565	0.20572	0.21152
4191565.17	0.33412	0.30773	0.27341	0.24801	0.23128	0.22080	0.21548	0.21617	0.22261
4191545.17	0.35162	0.32795	0.29132	0.26273	0.24362	0.23231	0.22653	0.22712	0.23441
4191525.17	0.36890	0.34917	0.31072	0.27881	0.25785	0.24542	0.23884	0.23887	0.24711
4191505.17	0.38589	0.37258	0.33319	0.29763	0.27468	0.26027	0.25243	0.25241	0.26141
4191485.17	0.40215	0.39722	0.35796	0.31842	0.29260	0.27643	0.26750	0.26825	0.27837
4191465.17	0.41730	0.42287	0.38524	0.34164	0.31210	0.29406	0.28424	0.28541	0.29607
4191445.17	0.43118	0.45070	0.41688	0.36923	0.33527	0.31521	0.30380	0.30352	0.31519
4191425.17	0.44316	0.47802	0.45053	0.39938	0.36043	0.33685	0.32392	0.32351	0.33633
4191405.17	0.45320	0.50477	0.48625	0.43238	0.38790	0.36086	0.34624	0.34569	0.35975
4191385.17	0.46138	0.53090	0.52462	0.46957	0.41890	0.38773	0.37109	0.37037	0.38582
4191365.17	0.46773	0.55581	0.56555	0.51137	0.45403	0.41791	0.39888	0.39794	0.41494

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  4191345.17 |       0.47304      0.57897      0.60862      0.55826      0.49404      0.45198      0.43010
0.42888      0.44760
  4191325.17 |       0.47814      0.59997      0.65334      0.61079      0.53975      0.49064      0.46533
0.46376      0.48441
  4191305.17 |       0.48452      0.61875      0.69903      0.66942      0.59226      0.53476      0.50528
0.50327      0.52608
  4191285.17 |       0.49418      0.63537      0.74491      0.73412      0.65274      0.58543      0.55084
0.54826      0.57350
  4191265.17 |       0.50963      0.65110      0.79013      0.80544      0.72255      0.64398      0.60311
0.59979      0.62776
  4191245.17 |       0.53402      0.66733      0.83401      0.88268      0.80329      0.71212      0.66345
0.65917      0.69024
  4191225.17 |       0.57086      0.68689      0.87639      0.96580      0.89677      0.79198      0.73360
0.72806      0.76267
  4191205.17 |       0.62412      0.71366      0.91755      1.05406      1.00471      0.88596      0.81540
0.80856      0.84729
  4191185.17 |       0.69769      0.75299      0.95933      1.14639      1.12885      0.99790      0.91232
0.90296      0.94695
  4191165.17 |       0.79503      0.81161      1.00485      1.24180      1.27121      1.13239      1.02804
1.01536      1.06504
  4191145.17 |       0.91853      0.89740      1.06046      1.34204      1.43379      1.29496      1.16784
1.15074      1.20738
  4191125.17 |       1.06901      1.01864      1.13521      1.44747      1.61765      1.49280      1.33872
1.31545      1.38052
  4191105.17 |       1.24591      1.18306      1.24222      1.56365      1.82452      1.73491      1.55053
1.51858      1.59386
  4191085.17 |       1.44973      1.39648      1.39819      1.70047      2.05743      2.03227      1.81711
1.77296      1.86042
  4191065.17 |       1.68836      1.66262      1.62257      1.87510      2.32289      2.39875      2.15851
2.09725      2.19880
  4191045.17 |       1.98597      1.98781      1.93551      2.11440      2.63446      2.85141      2.60432
2.51928      2.63630
  4191025.17 |       2.38814      2.39456      2.35814      2.45741      3.01903      3.41365      3.19904
3.08209      3.21424
  4191005.17 |       2.94309      2.93669      2.92274      2.95788      3.52552      4.12277      4.01148
3.83378      3.98824
  4190985.17 |       3.66024      3.69455      3.69930      3.69412      4.23566      5.04925      5.14251
4.87475      5.06141
  4190965.17 |       4.49293      4.72767      4.81220      4.80622      5.28190      6.33820      6.78894
6.47663      6.65629
  4190945.17 |       5.37280      6.02108      6.40270      6.54926      6.91380      8.26535      9.19807
8.98571      9.18635
  4190925.17 |       6.21151      7.44462      8.55509      9.26404      9.70993     11.43670     13.00472
13.29482     13.43890
  4190905.17 |       6.82396      8.72290     11.04892     13.28572     14.83123     17.42715     20.21383
21.70517     21.42793
  4190885.17 |       7.16116      9.56191     13.16877     18.28069     23.96733     30.45579     36.82202
41.39840     39.85694
  4190865.17 |       7.57249     10.21363     14.63407     22.53121     37.23959     62.41232     89.91991
107.13522     96.25237
  4190845.17 |       8.51965     11.48825     16.60869     26.76898     51.64918    162.18399    225.98813
299.18956    255.82798
1 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

  PAGE 842
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

                           *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: PLAPM
***
                               INCLUDING SOURCE(S):     PLAPM       ,

                                *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10    IN MICROGRAMS/M**3                          **

    Y-COORD  |                                          X-COORD (METERS)
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    (METERS) |     559917.30    559937.30    559957.30    559977.30    559997.30    560017.30    560037.30
560057.30    560077.30
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

  4190825.17 |       9.43478     12.78706     18.63643     30.64287     63.02040    175.88684    310.23028
391.40745    349.85145
  4190805.17 |      10.01732     13.86377     20.75779     34.11642     60.85285    123.71197    305.80967
344.57401    332.83685
  4190785.17 |      10.60926     14.86438     21.60133     31.93136     47.50708     72.13782    123.26120
153.20202    150.26499
  4190765.17 |      11.19101     15.02864     20.00007     25.99859     32.68929     39.05087     41.79051
39.15315     41.28908
  4190745.17 |      11.20724     13.88973     16.61667     19.07797     20.50364     20.53299     20.47042
19.95936     18.23792
  4190725.17 |      10.23322     11.57947     12.58408     13.00049     12.78324     12.49309     12.58964
12.67288     11.56753
  4190705.17 |       8.51819      8.97311      9.11406      8.92637      8.68071      8.51384      8.67405
8.83068      8.19228
  4190685.17 |       6.75638      6.80445      6.66024      6.50077      6.29506      6.25363      6.40138
6.53233      6.19823
  4190665.17 |       5.29981      5.20352      5.08841      4.93944      4.81307      4.82155      4.95615
5.05701      4.88569
  4190645.17 |       4.19962      4.11732      4.01187      3.88708      3.82651      3.85130      3.96997
4.04228      3.96722
1 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

  PAGE 843
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

                            *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: PLAPM
***
                                INCLUDING SOURCE(S):     PLAPM       ,

                                 *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                      ** CONC OF PM_10    IN MICROGRAMS/M**3                          **

    Y-COORD  |                                              X-COORD (METERS)
    (METERS) |     560097.30    560117.30    560137.30    560157.30    560177.30    560197.30    560217.30
560237.30    560257.30
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

  4191625.17 |       0.20129      0.21236      0.22038      0.22334      0.22372      0.22575      0.22920
0.22892      0.22175
  4191605.17 |       0.21139      0.22292      0.23087      0.23358      0.23425      0.23691      0.24008
0.23805      0.22909
  4191585.17 |       0.22231      0.23430      0.24214      0.24466      0.24574      0.24897      0.25146
0.24737      0.23684
  4191565.17 |       0.23403      0.24579      0.25330      0.25570      0.25733      0.26139      0.26330
0.25695      0.24521
  4191545.17 |       0.24688      0.25914      0.26618      0.26824      0.27050      0.27508      0.27556
0.26689      0.25444
  4191525.17 |       0.26099      0.27425      0.28098      0.28262      0.28556      0.28998      0.28842
0.27751      0.26497
  4191505.17 |       0.27625      0.28990      0.29746      0.30055      0.30413      0.30785      0.30320
0.29036      0.27837
  4191485.17 |       0.29428      0.30838      0.31588      0.31907      0.32316      0.32484      0.31710
0.30283      0.29225
  4191465.17 |       0.31306      0.32753      0.33464      0.33831      0.34270      0.34247      0.33183
0.31684      0.30844
  4191445.17 |       0.33335      0.34817      0.35532      0.35964      0.36391      0.36111      0.34764
0.33285      0.32740
  4191425.17 |       0.35571      0.37088      0.37821      0.38321      0.38678      0.38083      0.36497
0.35145      0.34959
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  4191405.17 |       0.38045      0.39599      0.40366      0.40925      0.41141      0.40186      0.38436
0.37329      0.37547
  4191385.17 |       0.40790      0.42388      0.43204      0.43802      0.43789      0.42455      0.40655
0.39909      0.40541
  4191365.17 |       0.43851      0.45500      0.46382      0.46973      0.46639      0.44948      0.43241
0.42956      0.43971
  4191345.17 |       0.47277      0.48993      0.49947      0.50459      0.49723      0.47744      0.46296
0.46539      0.47862
  4191325.17 |       0.51133      0.52929      0.53952      0.54292      0.53090      0.50947      0.49936
0.50718      0.52231
  4191305.17 |       0.55492      0.57389      0.58456      0.58507      0.56817      0.54696      0.54275
0.55547      0.57096
  4191285.17 |       0.60448      0.62466      0.63521      0.63158      0.61023      0.59159      0.59429
0.61074      0.62432
  4191265.17 |       0.66119      0.68269      0.69224      0.68331      0.65875      0.64524      0.65507
0.67328      0.68135
  4191245.17 |       0.72648      0.74930      0.75656      0.74154      0.71600      0.70997      0.72607
0.74284      0.73994
  4191225.17 |       0.80220      0.82601      0.82941      0.80822      0.78484      0.78789      0.80806
0.81802      0.79744
  4191205.17 |       0.89061      0.91471      0.91254      0.88622      0.86870      0.88107      0.90087
0.89605      0.85220
  4191185.17 |       0.99460      1.01775      1.00854      0.97958      0.97143      0.99120      1.00279
0.97386      0.90568
  4191165.17 |       1.11785      1.13822      1.12127      1.09362      1.09716      1.11869      1.11028
1.05036      0.96418
  4191145.17 |       1.26507      1.28048      1.25640      1.23503      1.24968      1.26153      1.21991
1.12958      1.03951
  4191125.17 |       1.44257      1.45079      1.42213      1.41183      1.43108      1.41562      1.33228
1.22313      1.14788
  4191105.17 |       1.65892      1.65855      1.62989      1.63247      1.64006      1.57802      1.45702
1.35076      1.30564
  4191085.17 |       1.92645      1.91771      1.89488      1.90362      1.87293      1.75428      1.61617
1.53697      1.52405
  4191065.17 |       2.26361      2.24914      2.23555      2.22760      2.13058      1.96649      1.84309
1.80369      1.81607
  4191045.17 |       2.69909      2.68327      2.67048      2.60589      2.43197      2.25718      2.17508
2.17421      2.20388
  4191025.17 |       3.27432      3.26190      3.21598      3.05435      2.82834      2.68421      2.65446
2.67902      2.67758
  4191005.17 |       4.06604      4.03674      3.89738      3.63142      3.40574      3.32172      3.32811
3.30286      3.18557
  4190985.17 |       5.18615      5.07704      4.78825      4.46393      4.28945      4.24943      4.17696
3.98532      3.71079
  4190965.17 |       6.71615      6.50191      6.07052      5.76636      5.62286      5.44985      5.12608
4.68539      4.23125
  4190945.17 |       9.03380      8.55944      8.12055      7.78877      7.41076      6.85470      6.14843
5.46834      4.89787
  4190925.17 |      12.85652     12.02156     11.27899     10.45017      9.46622      8.43500      7.47402
6.65199      5.98513
  4190905.17 |      20.08465     18.39541     16.39213     14.41624     12.57121     10.92665      9.56358
8.50417      7.56273
  4190885.17 |      35.30479     29.71778     25.00086     20.89638     17.31360     14.56148     12.43994
10.75256      9.31820
  4190865.17 |      71.04918     51.90607     39.28183     30.27481     23.45743     18.96909     15.66769
13.00772     10.92425
  4190845.17 |     133.95363     81.96410     55.05721     39.49042     29.68973     23.00244     18.26407
14.75511     12.13232
1 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

  PAGE 844
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

                           *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: PLAPM
***
                               INCLUDING SOURCE(S):     PLAPM       ,
```

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	560097.30	560117.30	560137.30	560157.30	560177.30	560197.30	560217.30	560237.30	560257.30
4190825.17	177.91091	100.25036	63.82096	44.01340	32.10620	24.30122	18.97412	15.20303	12.44015
4190805.17	177.95518	98.04955	61.56458	41.87406	30.08425	22.64301	17.66666	14.17800	11.63707
4190785.17	104.35402	69.39099	48.31065	34.81723	25.81713	19.72894	15.50784	12.50225	10.30292
4190765.17	44.26530	41.26090	34.65383	27.73909	21.90178	17.34608	13.86744	11.24309	9.26719
4190745.17	18.89221	21.08074	21.80385	20.37399	17.84253	15.15642	12.68584	10.56466	8.80877
4190725.17	10.41072	10.98166	12.42740	13.29887	13.06863	12.15983	10.93040	9.60621	8.31213
4190705.17	7.22390	6.78891	7.25475	8.23297	8.86008	8.95561	8.65147	8.10519	7.40644
4190685.17	5.47736	4.98211	4.81318	5.18082	5.82658	6.30209	6.46194	6.38414	6.14896
4190665.17	4.33857	3.94362	3.68749	3.59023	3.86801	4.34579	4.70368	4.85400	4.85776
4190645.17	3.56229	3.21865	3.02617	2.82353	2.76673	3.00808	3.36963	3.64170	3.76874

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PLAPM ***

INCLUDING SOURCE(S): PLAPM ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	560277.30	560297.30	560317.30	560337.30	560357.30	560377.30	560397.30	560417.30	560437.30
4191625.17	0.21133	0.20381	0.20186	0.20513	0.21201	0.21850	0.22273	0.22454	0.22536
4191605.17	0.21846	0.21219	0.21193	0.21668	0.22453	0.23068	0.23399	0.23542	0.23575
4191585.17	0.22652	0.22182	0.22341	0.22943	0.23679	0.24323	0.24595	0.24702	0.24602
4191565.17	0.23570	0.23291	0.23644	0.24372	0.25095	0.25582	0.25824	0.25852	0.25492
4191545.17	0.24629	0.24567	0.25115	0.25924	0.26591	0.26954	0.27097	0.26949	0.26193
4191525.17	0.25854	0.26031	0.26756	0.27593	0.28175	0.28458	0.28482	0.28008	0.26757
4191505.17	0.27375	0.27719	0.28566	0.29375	0.29862	0.30047	0.29832	0.28881	0.27124
4191485.17	0.29088	0.29633	0.30541	0.31279	0.31660	0.31675	0.31051	0.29524	0.27362

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  4191465.17 |       0.31014      0.31758      0.32678      0.33314      0.33555      0.33253      0.32054
0.29964      0.27592
  4191445.17 |       0.33253      0.34133      0.34983      0.35488      0.35489      0.34673      0.32806
0.30296      0.27959
  4191425.17 |       0.35780      0.36813      0.37511      0.37776      0.37358      0.35847      0.33355
0.30674      0.28602
  4191405.17 |       0.38620      0.39724      0.40275      0.40130      0.39062      0.36772      0.33835
0.31274      0.29629
  4191385.17 |       0.41786      0.42814      0.43203      0.42616      0.40692      0.37704      0.34600
0.32408      0.31205
  4191365.17 |       0.45289      0.46133      0.46074      0.44665      0.41836      0.38439      0.35634
0.33986      0.33363
  4191345.17 |       0.49136      0.49638      0.48843      0.46399      0.42825      0.39412      0.37134
0.36122      0.36093
  4191325.17 |       0.53310      0.53205      0.51354      0.47858      0.43911      0.40889      0.39318
0.38992      0.39532
  4191305.17 |       0.57736      0.56652      0.53532      0.49239      0.45416      0.43112      0.42351
0.42721      0.43693
  4191285.17 |       0.62254      0.59810      0.55469      0.50884      0.47677      0.46301      0.46389
0.47323      0.48399
  4191265.17 |       0.66648      0.62633      0.57464      0.53222      0.51009      0.50664      0.51487
0.52636      0.53469
  4191245.17 |       0.70735      0.65309      0.60002      0.56700      0.55710      0.56318      0.57508
0.58469      0.59068
  4191225.17 |       0.74537      0.68299      0.63670      0.61750      0.61981      0.63162      0.64252
0.64999      0.65865
  4191205.17 |       0.78400      0.72301      0.69091      0.68703      0.69786      0.70997      0.71910
0.72943      0.74447
  4191185.17 |       0.83046      0.78162      0.76799      0.77629      0.78936      0.80034      0.81264
0.82892      0.84303
  4191165.17 |       0.89535      0.86713      0.87035      0.88376      0.89671      0.91132      0.92885
0.94133      0.93695
  4191145.17 |       0.99078      0.98483      0.99736      1.01231      1.02954      1.04820      1.05802
1.04709      1.01195
  4191125.17 |       1.12659      1.13592      1.15266      1.17281      1.19229      1.19800      1.17849
1.13294      1.07006
  4191105.17 |       1.30752      1.32539      1.34871      1.36845      1.36793      1.33722      1.27876
1.20300      1.12262
  4191085.17 |       1.54123      1.56777      1.58679      1.57713      1.53168      1.45681      1.36432
1.26791      1.17762
  4191065.17 |       1.84522      1.86168      1.83870      1.77369      1.67723      1.56229      1.44469
1.33645      1.24125
  4191045.17 |       2.21444      2.17185      2.08011      1.95413      1.80852      1.66338      1.53369
1.42293      1.32941
  4191025.17 |       2.60568      2.47596      2.30794      2.12029      1.94055      1.78609      1.65757
1.54983      1.46229
  4191005.17 |       2.99932      2.76879      2.52371      2.30163      2.11795      1.96714      1.84322
1.73515      1.65010
  4190985.17 |       3.39100      3.06821      2.79296      2.57083      2.38930      2.22553      2.09095
1.98903      1.89835
  4190965.17 |       3.80771      3.45279      3.17652      2.95016      2.76294      2.60088      2.45367
2.32181      2.19509
  4190945.17 |       4.44288      4.07403      3.76806      3.50737      3.27532      3.06013      2.85678
2.67318      2.49362
  4190925.17 |       5.43341      4.96456      4.55357      4.18181      3.84057      3.52709      3.24699
3.00212      2.76476
  4190905.17 |       6.75410      6.05306      5.43591      4.89037      4.40753      3.97981      3.60086
3.27241      2.97843
  4190885.17 |       8.10896      7.09190      6.23120      5.49941      4.87546      4.34235      3.88569
3.49311      3.15411
  4190865.17 |       9.26757      7.93526      6.85378      5.96816      5.23636      4.62625      4.11313
3.67795      3.30604
  4190845.17 |      10.12981      8.57148      7.33765      6.34554      5.53689      4.86980      4.31354
3.84523      3.44753
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PLAPM ***

INCLUDING SOURCE(S): PLAPM ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	560277.30	560297.30	560317.30	560337.30	560357.30	560377.30	560397.30	560417.30	560437.30
4190825.17	10.35783	8.75097	7.48688	6.47393	5.65029	4.97218	4.40744	3.93232	3.52893
4190805.17	9.72782	8.25572	7.09730	6.17499	5.41513	4.78755	4.26303	3.82001	3.44236
4190785.17	8.65141	7.37140	6.36332	5.55405	4.89131	4.34295	3.88380	3.49529	3.16345
4190765.17	7.76476	6.60191	5.68937	4.96044	4.36840	3.88032	3.47266	3.12836	2.83475
4190745.17	7.39406	6.26876	5.37436	4.65924	4.08165	3.60927	3.21788	2.88956	2.61106
4190725.17	7.13605	6.11938	5.26624	4.56150	3.98268	3.50671	3.11301	2.78447	2.50749
4190705.17	6.63631	5.86508	5.14430	4.50198	3.94675	3.47528	3.07840	2.74496	2.46410
4190685.17	5.79379	5.34990	4.85770	4.35847	3.88356	3.45123	3.06896	2.73715	2.45225
4190665.17	4.76723	4.59599	4.34952	4.04483	3.70813	3.36519	3.03526	2.73009	2.45537
4190645.17	3.79810	3.77164	3.69636	3.56662	3.38474	3.16399	2.92226	2.67599	2.43730

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PLAPM ***

INCLUDING SOURCE(S): PLAPM ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	560457.30	560477.30	560497.30	560517.30	560537.30	560557.30	560577.30	560597.30	560617.30
4191625.17	0.22477	0.22002	0.20947	0.19505	0.18068	0.16940	0.16216	0.15834	0.15684
4191605.17	0.23306	0.22461	0.21070	0.19502	0.18155	0.17224	0.16697	0.16465	0.16422
4191585.17	0.23999	0.22749	0.21114	0.19553	0.18329	0.17588	0.17247	0.17146	0.17182
4191565.17	0.24464	0.22854	0.21114	0.19668	0.18661	0.18147	0.17968	0.18000	0.18186
4191545.17	0.24715	0.22864	0.21177	0.19970	0.19253	0.18955	0.18927	0.19120	0.19512

4191525.17	0.24893	0.22969	0.21471	0.20552	0.20113	0.20004	0.20151	0.20547	0.21148
4191505.17	0.25028	0.23210	0.21994	0.21359	0.21141	0.21227	0.21589	0.22188	0.22876
4191485.17	0.25238	0.23674	0.22807	0.22464	0.22469	0.22763	0.23328	0.24046	0.24648
4191465.17	0.25644	0.24426	0.23911	0.23887	0.24147	0.24650	0.25326	0.25987	0.26338
4191445.17	0.26343	0.25502	0.25262	0.25474	0.26015	0.26763	0.27454	0.27872	0.27935
4191425.17	0.27405	0.26941	0.27015	0.27513	0.28337	0.29131	0.29621	0.29735	0.29681
4191405.17	0.28879	0.28802	0.29234	0.30029	0.30988	0.31591	0.31763	0.31741	0.31911
4191385.17	0.30831	0.31166	0.31930	0.32818	0.33507	0.33826	0.33921	0.34125	0.34831
4191365.17	0.33439	0.34168	0.35059	0.35751	0.36069	0.36200	0.36510	0.37276	0.38553
4191345.17	0.36752	0.37721	0.38420	0.38702	0.38828	0.39125	0.39958	0.41259	0.42644
4191325.17	0.40324	0.41238	0.41709	0.41848	0.42206	0.43111	0.44475	0.45735	0.46350
4191305.17	0.44472	0.45014	0.45259	0.45687	0.46672	0.48094	0.49321	0.49643	0.48806
4191285.17	0.49067	0.49196	0.49640	0.50713	0.52188	0.53355	0.53465	0.52227	0.49920
4191265.17	0.53933	0.54270	0.55326	0.56841	0.57912	0.57758	0.56157	0.53495	0.50454
4191245.17	0.59793	0.60921	0.62249	0.63089	0.62611	0.60594	0.57545	0.54223	0.51205
4191225.17	0.67249	0.68775	0.69297	0.68132	0.65638	0.62167	0.58537	0.55298	0.52574
4191205.17	0.75947	0.76389	0.74943	0.71422	0.67481	0.63501	0.59984	0.56978	0.54276
4191185.17	0.84365	0.82412	0.78709	0.73637	0.69243	0.65365	0.61978	0.58850	0.55794
4191165.17	0.91037	0.86632	0.81476	0.75974	0.71560	0.67675	0.64022	0.60475	0.57082
4191145.17	0.95937	0.90060	0.84442	0.79394	0.74388	0.69935	0.65877	0.62147	0.58906
4191125.17	1.00186	0.93719	0.87876	0.82518	0.77282	0.72266	0.68039	0.64731	0.61950
4191105.17	1.04675	0.97804	0.91549	0.85845	0.80755	0.75896	0.71891	0.69253	0.66656
4191085.17	1.09656	1.02415	0.96032	0.90601	0.86139	0.82543	0.79268	0.76916	0.74734
4191065.17	1.15858	1.08764	1.02917	0.98208	0.94402	0.91225	0.88479	0.85777	0.83404
4191045.17	1.25122	1.18686	1.13513	1.09246	1.05585	1.02303	0.99072	0.95689	0.92839
4191025.17	1.39076	1.33171	1.27757	1.22845	1.18751	1.14823	1.10986	1.07473	1.04039
4191005.17	1.57987	1.51745	1.45487	1.39503	1.34423	1.29139	1.23905	1.19102	1.13876
4190985.17	1.81334	1.73113	1.65077	1.57357	1.50587	1.43247	1.35861	1.28773	1.21906
4190965.17	2.07274	1.95489	1.84176	1.73501	1.64126	1.54467	1.45099	1.36399	1.28258
4190945.17	2.32244	2.16219	2.01273	1.87559	1.75323	1.63625	1.52792	1.42981	1.33988
4190925.17	2.54313	2.34227	2.16087	1.99743	1.85039	1.71799	1.59863	1.49159	1.39411
4190905.17	2.71597	2.48415	2.27901	2.09700	1.93497	1.79021	1.66049	1.54466	1.43962
4190885.17	2.85994	2.60335	2.37842	2.18031	2.00504	1.84933	1.71047	1.58708	1.47567
4190865.17	2.98594	2.70871	2.46719	2.25569	2.06957	1.90503	1.75902	1.62975	1.51356
4190845.17	3.10727	2.81483	2.56084	2.33867	2.14382	1.97207	1.81993		

1.68515 1.56439

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PLAPM ***

INCLUDING SOURCE(S): PLAPM ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	560457.30	560477.30	560497.30	560517.30	560537.30	560557.30	560577.30	560597.30	560617.30
4190825.17	3.18365	2.88845	2.63015	2.40420	2.20584	2.03080	1.87559	1.73736	1.61374
4190805.17	3.11774	2.83666	2.59168	2.37690	2.18755	2.01979	1.87047	1.73699	1.61718
4190785.17	2.87765	2.62961	2.41290	2.22236	2.05388	1.90411	1.77037	1.65040	1.54232
4190765.17	2.58228	2.36355	2.17277	2.00532	1.85749	1.72628	1.60925	1.50437	1.40993
4190745.17	2.37253	2.16658	1.98750	1.83083	1.69301	1.57119	1.46302	1.36654	1.28012
4190725.17	2.27155	2.06859	1.89246	1.73848	1.60302	1.48324	1.37687	1.28206	1.19723
4190705.17	2.22612	2.02282	1.84757	1.69511	1.56134	1.44308	1.33787	1.24377	1.15924
4190685.17	2.20879	2.00079	1.82249	1.66875	1.53519	1.41820	1.31481	1.22269	1.14002
4190665.17	2.21257	2.00050	1.81654	1.65743	1.51972	1.40015	1.29574	1.20387	1.12241
4190645.17	2.21388	2.00979	1.82659	1.66418	1.52137	1.39640	1.28722	1.19175	1.10798

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PLAPM ***

INCLUDING SOURCE(S): PLAPM ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	560637.30	560657.30	560677.30	560697.30	560717.30	560737.30	560757.30	560777.30	560797.30
4191625.17	0.15684	0.15823	0.16130	0.16604	0.17143	0.17582	0.17824	0.17813	0.17624
4191605.17	0.16524	0.16809	0.17275	0.17824	0.18241	0.18495	0.18522	0.18380	0.18231

4191585.17	0.17401	0.17856	0.18435	0.18958	0.19236	0.19272	0.19137	0.19044	0.19096
4191565.17	0.18580	0.19170	0.19749	0.20129	0.20248	0.20102	0.19914	0.19976	0.20358
4191545.17	0.20082	0.20699	0.21141	0.21304	0.21206	0.21040	0.21051	0.21399	0.22124
4191525.17	0.21803	0.22290	0.22522	0.22480	0.22266	0.22303	0.22707	0.23363	0.24295
4191505.17	0.23419	0.23652	0.23652	0.23578	0.23623	0.24032	0.24814	0.25803	0.26654
4191485.17	0.24937	0.24915	0.24834	0.24964	0.25473	0.26334	0.27363	0.28275	0.28674
4191465.17	0.26356	0.26255	0.26355	0.26904	0.27918	0.29058	0.29976	0.30304	0.30009
4191445.17	0.27855	0.27976	0.28581	0.29629	0.30743	0.31688	0.32072	0.31634	0.30506
4191425.17	0.29825	0.30430	0.31527	0.32749	0.33538	0.33784	0.33273	0.32050	0.30355
4191405.17	0.32564	0.33674	0.34897	0.35735	0.35730	0.34953	0.33537	0.31855	0.30025
4191385.17	0.36003	0.37251	0.38049	0.37993	0.36925	0.35261	0.33331	0.31501	0.29835
4191365.17	0.39859	0.40579	0.40329	0.39102	0.37187	0.35092	0.33158	0.31571	0.30225
4191345.17	0.43374	0.42959	0.41436	0.39272	0.37049	0.35044	0.33427	0.32174	0.31068
4191325.17	0.45820	0.44127	0.41719	0.39237	0.37160	0.35501	0.34174	0.32965	0.31848
4191305.17	0.46898	0.44364	0.41767	0.39540	0.37822	0.36426	0.35151	0.33761	0.32398
4191285.17	0.47141	0.44471	0.42225	0.40419	0.38895	0.37463	0.35952	0.34288	0.32667
4191265.17	0.47621	0.45259	0.43323	0.41621	0.39964	0.38180	0.36319	0.34510	0.32813
4191245.17	0.48690	0.46572	0.44633	0.42700	0.40708	0.38573	0.36524	0.34764	0.33247
4191225.17	0.50206	0.47964	0.45705	0.43416	0.41176	0.39002	0.37056	0.35574	0.34414
4191205.17	0.51660	0.49037	0.46448	0.44016	0.41861	0.40037	0.38541	0.37346	0.36521
4191185.17	0.52782	0.49918	0.47346	0.45173	0.43433	0.42039	0.40949	0.40064	0.39439
4191165.17	0.53995	0.51349	0.49208	0.47544	0.46269	0.45119	0.44145	0.43392	0.42788
4191145.17	0.56249	0.54159	0.52543	0.51232	0.49994	0.48972	0.48022	0.47264	0.46418
4191125.17	0.59717	0.58234	0.56963	0.55786	0.54481	0.53402	0.52420	0.51505	0.50539
4191105.17	0.64453	0.63245	0.62112	0.60965	0.59637	0.58571	0.57549	0.56392	0.55281
4191085.17	0.72623	0.70697	0.69076	0.67525	0.65994	0.64565	0.63205	0.61761	0.60294
4191065.17	0.81153	0.78821	0.76757	0.74800	0.73008	0.71186	0.69267	0.67201	0.65082
4191045.17	0.90133	0.87462	0.84798	0.82170	0.79760	0.77078	0.74289	0.71457	0.68647
4191025.17	1.00276	0.96503	0.92727	0.88957	0.85235	0.81558	0.77978	0.74509	0.71185
4191005.17	1.08719	1.03624	0.98664	0.93873	0.89283	0.84926	0.80814	0.76950	0.73335
4190985.17	1.15322	1.09083	1.03212	0.97719	0.92603	0.87846	0.83439	0.79348	0.75551
4190965.17	1.20687	1.13703	1.07270	1.01341	0.95881	0.90844	0.86189	0.81880	0.77885
4190945.17	1.25742	1.18210	1.11315	1.04986	0.99166	0.93804	0.88851	0.84268	0.80020
4190925.17	1.30510	1.22401	1.14994	1.08212	1.01986	0.96257	0.90978	0.86104	0.81595
4190905.17	1.34405	1.25729	1.17830	1.10623	1.04032	0.97991	0.92444		

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PLAPM ***

INCLUDING SOURCE(S): PLAPM ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	560637.30	560657.30	560677.30	560697.30	560717.30	560737.30	560757.30	560777.30	560797.30
4190825.17	1.50274	1.40272	1.31230	1.23030	1.15573	1.08773	1.02557	0.96861	0.91629
4190805.17	1.50925	1.41168	1.32319	1.24272	1.16933	1.10223	1.04074	0.98425	0.93223
4190785.17	1.44459	1.35591	1.27518	1.20149	1.13403	1.07212	1.01515	0.96264	0.91412
4190765.17	1.32456	1.24706	1.17648	1.11200	1.05289	0.99857	0.94849	0.90223	0.85939
4190745.17	1.20239	1.13219	1.06857	1.01071	0.95791	0.90956	0.86517	0.82428	0.78651
4190725.17	1.12111	1.05259	0.99075	0.93477	0.88397	0.83774	0.79553	0.75692	0.72149
4190705.17	1.08307	1.01423	0.95190	0.89536	0.84397	0.79719	0.75454	0.71559	0.67995
4190685.17	1.06538	0.99766	0.93598	0.87968	0.82816	0.78096	0.73766	0.69790	0.66138
4190665.17	1.04954	0.98386	0.92423	0.86976	0.81979	0.77376	0.73125	0.69193	0.65550
4190645.17	1.03410	0.96848	0.90976	0.85678	0.80861	0.76450	0.72386	0.68622	0.65124

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PLAPM ***

INCLUDING SOURCE(S): PLAPM ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	560817.30	560837.30	560857.30	560877.30	560897.30	560917.30	560937.30	560957.30	560977.30

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4191625.17	0.17446	0.17471	0.17781	0.18379	0.19170	0.19994	0.20661	0.21011	0.20955
4191605.17	0.18261	0.18590	0.19237	0.20080	0.20927	0.21589	0.21898	0.21770	0.21224
4191585.17	0.19446	0.20113	0.21013	0.21931	0.22582	0.22841	0.22633	0.21992	0.21040
4191565.17	0.21072	0.22024	0.22931	0.23584	0.23786	0.23488	0.22755	0.21753	0.20599
4191545.17	0.23080	0.24059	0.24689	0.24823	0.24426	0.23576	0.22451	0.21263	0.20133
4191525.17	0.25225	0.25884	0.25959	0.25452	0.24486	0.23257	0.21977	0.20819	0.19881
4191505.17	0.27102	0.27151	0.26579	0.25521	0.24143	0.22798	0.21624	0.20696	0.20014
4191485.17	0.28453	0.27739	0.26555	0.25143	0.23734	0.22529	0.21593	0.20952	0.20467
4191465.17	0.29094	0.27738	0.26174	0.24697	0.23569	0.22642	0.21942	0.21489	0.21057
4191445.17	0.28960	0.27348	0.25863	0.24645	0.23768	0.23103	0.22547	0.22015	0.21467
4191425.17	0.28588	0.27043	0.25859	0.24988	0.24275	0.23684	0.23098	0.22430	0.21723
4191405.17	0.28392	0.27116	0.26246	0.25584	0.24870	0.24182	0.23451	0.22650	0.21799
4191385.17	0.28485	0.27546	0.26860	0.26199	0.25399	0.24538	0.23623	0.22674	0.21728
4191365.17	0.29129	0.28266	0.27494	0.26663	0.25684	0.24650	0.23605	0.22588	0.21638
4191345.17	0.30027	0.28942	0.27944	0.26897	0.25744	0.24607	0.23533	0.22561	0.21718
4191325.17	0.30660	0.29328	0.28113	0.26920	0.25706	0.24595	0.23625	0.22819	0.22182
4191305.17	0.30985	0.29450	0.28131	0.26937	0.25817	0.24879	0.24133	0.23570	0.23167
4191285.17	0.31092	0.29515	0.28258	0.27256	0.26376	0.25707	0.25222	0.24879	0.24631
4191265.17	0.31286	0.29878	0.28829	0.28083	0.27573	0.27166	0.26856	0.26604	0.26364
4191245.17	0.31990	0.30904	0.30196	0.29730	0.29407	0.29103	0.28802	0.28486	0.28134
4191225.17	0.33522	0.32763	0.32316	0.32003	0.31624	0.31234	0.30812	0.30361	0.29891
4191205.17	0.35927	0.35455	0.34958	0.34436	0.33928	0.33395	0.32870	0.32422	0.31884
4191185.17	0.38910	0.38400	0.37736	0.37037	0.36405	0.35754	0.35165	0.34718	0.34246
4191165.17	0.42165	0.41406	0.40661	0.39949	0.39286	0.38596	0.37921	0.37410	0.37012
4191145.17	0.45594	0.44759	0.43982	0.43262	0.42590	0.41922	0.41239	0.40582	0.40048
4191125.17	0.49604	0.48724	0.47883	0.47053	0.46211	0.45382	0.44499	0.43576	0.42596
4191105.17	0.54191	0.53098	0.51974	0.50800	0.49596	0.48404	0.47178	0.45799	0.44395
4191085.17	0.58814	0.57404	0.55794	0.54133	0.52466	0.50729	0.48999	0.47295	0.45631
4191065.17	0.62922	0.60810	0.58620	0.56453	0.54345	0.52288	0.50305	0.48401	0.46593
4191045.17	0.65883	0.63196	0.60605	0.58124	0.55765	0.53530	0.51414	0.49412	0.47536
4191025.17	0.68025	0.65037	0.62223	0.59578	0.57098	0.54760	0.52570	0.50389	0.48498
4191005.17	0.69960	0.66811	0.63871	0.61126	0.58560	0.56138	0.53857	0.51559	0.49611
4190985.17	0.72023	0.68739	0.65679	0.62822	0.60148	0.57627	0.55241	0.52841	0.50723
4190965.17	0.74171	0.70714	0.67488	0.64472	0.61650	0.58999	0.56495		

0.53955 0.51685
4190945.17 | 0.76072 0.72398 0.68972 0.65773 0.62780 0.59978 0.57338
0.54684 0.52270
4190925.17 | 0.77418 0.73540 0.69934 0.66577 0.63449 0.60531 0.57791
0.55047 0.52561
4190905.17 | 0.78304 0.74291 0.70575 0.67129 0.63928 0.60950 0.58162
0.55374 0.52856
4190885.17 | 0.79300 0.75214 0.71437 0.67942 0.64699 0.61688 0.58876
0.56148 0.53569
4190865.17 | 0.81065 0.76896 0.73044 0.69479 0.66175 0.63105 0.60245
0.57562 0.54952
4190845.17 | 0.83803 0.79497 0.75518 0.71836 0.68422 0.65250 0.62298
0.59537 0.56920

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PLAPM ***

INCLUDING SOURCE(S): PLAPM ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	560817.30	560837.30	560857.30	560877.30	560897.30	560917.30	560937.30	560957.30	560977.30
4190825.17	0.86812	0.82368	0.78261	0.74457	0.70928	0.67647	0.64593	0.61745	0.59061
4190805.17	0.88425	0.83990	0.79882	0.76071	0.72530	0.69232	0.66158	0.63286	0.60578
4190785.17	0.86919	0.82752	0.78882	0.75278	0.71919	0.68781	0.65847	0.63098	0.60501
4190765.17	0.81963	0.78266	0.74821	0.71606	0.68599	0.65783	0.63142	0.60659	0.58307
4190745.17	0.75153	0.71906	0.68885	0.66068	0.63436	0.60970	0.58657	0.56482	0.54423
4190725.17	0.68888	0.65880	0.63098	0.60519	0.58121	0.55888	0.53801	0.51849	0.50015
4190705.17	0.64729	0.61730	0.58970	0.56426	0.54075	0.51899	0.49880	0.48003	0.46254
4190685.17	0.62779	0.59688	0.56841	0.54215	0.51792	0.49552	0.47480	0.45560	0.43779
4190665.17	0.62174	0.59042	0.56137	0.53441	0.50940	0.48617	0.46461	0.44457	0.42596
4190645.17	0.61861	0.58814	0.55964	0.53297	0.50799	0.48461	0.46271	0.44223	0.42306

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PLAPM ***

INCLUDING SOURCE(S): PLAPM ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	560997.30	561017.30	561037.30	561057.30	561077.30	561097.30	561117.30	561137.30	561157.30
4191625.17	0.20497	0.19707	0.18727	0.17712	0.16775	0.15997	0.15407	0.14988	0.14701
4191605.17	0.20362	0.19312	0.18256	0.17305	0.16529	0.15953	0.15553	0.15275	0.15061
4191585.17	0.19937	0.18808	0.17883	0.17155	0.16561	0.16165	0.15890	0.15662	0.15432
4191565.17	0.19479	0.18480	0.17764	0.17263	0.16876	0.16571	0.16297	0.16029	0.15717
4191545.17	0.19185	0.18451	0.17957	0.17607	0.17312	0.16997	0.16652	0.16286	0.15867
4191525.17	0.19189	0.18741	0.18382	0.18062	0.17736	0.17333	0.16875	0.16399	0.15890
4191505.17	0.19523	0.19154	0.18831	0.18472	0.18005	0.17499	0.16950	0.16387	0.15815
4191485.17	0.20049	0.19632	0.19205	0.18724	0.18148	0.17535	0.16904	0.16287	0.15685
4191465.17	0.20576	0.20008	0.19410	0.18785	0.18172	0.17477	0.16782	0.16150	0.15561
4191445.17	0.20864	0.20181	0.19462	0.18733	0.18023	0.17324	0.16655	0.16058	0.15535
4191425.17	0.20966	0.20177	0.19383	0.18610	0.17880	0.17213	0.16624	0.16106	0.15700
4191405.17	0.20929	0.20074	0.19259	0.18511	0.17846	0.17281	0.16816	0.16421	0.16163
4191385.17	0.20818	0.19976	0.19224	0.18580	0.18056	0.17652	0.17362	0.17155	0.17029
4191365.17	0.20784	0.20049	0.19446	0.18978	0.18638	0.18389	0.18226	0.18133	0.18066
4191345.17	0.21022	0.20478	0.20076	0.19797	0.19614	0.19451	0.19320	0.19235	0.19131
4191325.17	0.21708	0.21373	0.21147	0.20983	0.20819	0.20687	0.20538	0.20376	0.20177
4191305.17	0.22889	0.22692	0.22517	0.22340	0.22135	0.21909	0.21657	0.21393	0.21145
4191285.17	0.24434	0.24244	0.23982	0.23687	0.23412	0.23056	0.22684	0.22363	0.22133
4191265.17	0.26108	0.25816	0.25430	0.25019	0.24656	0.24243	0.23838	0.23475	0.23179
4191245.17	0.27751	0.27344	0.26866	0.26404	0.26033	0.25640	0.25277	0.24981	0.24689
4191225.17	0.29423	0.28975	0.28508	0.28059	0.27739	0.27393	0.27078	0.26845	0.26564
4191205.17	0.31360	0.30949	0.30568	0.30197	0.29820	0.29440	0.29066	0.28740	0.28407
4191185.17	0.33802	0.33404	0.32988	0.32552	0.32035	0.31518	0.30993	0.30466	0.29937
4191165.17	0.36623	0.36084	0.35461	0.34751	0.33996	0.33279	0.32552	0.31790	0.31005
4191145.17	0.39398	0.38468	0.37552	0.36613	0.35579	0.34562	0.33553	0.32608	0.31673
4191125.17	0.41507	0.40311	0.39040	0.37804	0.36599	0.35418	0.34284	0.33231	0.32216
4191105.17	0.42984	0.41582	0.40052	0.38544	0.37282	0.36071	0.34913	0.33807	0.32752
4191085.17	0.44020	0.42464	0.40815	0.39218	0.37896	0.36642	0.35451	0.34318	0.33243
4191065.17	0.44879	0.43256	0.41604	0.40010	0.38528	0.37231	0.36050	0.34900	0.33809
4191045.17	0.45770	0.44085	0.42537	0.40977	0.39241	0.37906	0.36756	0.35586	0.34476
4191025.17	0.46742	0.44843	0.43309	0.41941	0.40394	0.38870	0.37450		

0.36328 0.35198
4191005.17 | 0.47799 0.45841 0.44276 0.42833 0.41345 0.39754 0.38234
0.37039 0.35852
4190985.17 | 0.48775 0.46935 0.45194 0.43544 0.41981 0.40403 0.38909
0.37574 0.36304
4190965.17 | 0.49623 0.47677 0.45770 0.43950 0.42311 0.40795 0.39355
0.37955 0.36577
4190945.17 | 0.50109 0.48003 0.46000 0.44139 0.42507 0.40982 0.39520
0.38083 0.36674
4190925.17 | 0.50316 0.48065 0.46077 0.44296 0.42702 0.41117 0.39583
0.38137 0.36771
4190905.17 | 0.50589 0.48318 0.46387 0.44664 0.43085 0.41427 0.39810
0.38362 0.36996
4190885.17 | 0.51225 0.49011 0.47112 0.45422 0.43762 0.42022 0.40370
0.38912 0.37536
4190865.17 | 0.52467 0.50313 0.48421 0.46643 0.44848 0.43069 0.41360
0.39889 0.38481
4190845.17 | 0.54285 0.52192 0.50146 0.48223 0.46364 0.44592 0.42923
0.41413 0.39945

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PLAPM ***

INCLUDING SOURCE(S): PLAPM ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)						
	560997.30	561017.30	561037.30	561057.30	561077.30	561097.30	561117.30
561137.30	561157.30						
4190825.17	0.56308	0.54189	0.52064	0.50014	0.48086	0.46271	0.44560
0.42955	0.41431						
4190805.17	0.57802	0.55650	0.53494	0.51428	0.49467	0.47620	0.45877
0.44231	0.42674						
4190785.17	0.57832	0.55753	0.53668	0.51664	0.49759	0.47959	0.46258
0.44648	0.43122						
4190765.17	0.55977	0.54009	0.52079	0.50241	0.48489	0.46829	0.45255
0.43761	0.42342						
4190745.17	0.52488	0.50667	0.48947	0.47327	0.45781	0.44313	0.42918
0.41591	0.40327						
4190725.17	0.48284	0.46584	0.45099	0.43697	0.42341	0.41049	0.39822
0.38655	0.37544						
4190705.17	0.44615	0.42978	0.41568	0.40310	0.39054	0.37866	0.36741
0.35677	0.34669						
4190685.17	0.42117	0.40481	0.39064	0.37798	0.36550	0.35382	0.34280
0.33246	0.32271						
4190665.17	0.40859	0.39164	0.37681	0.36337	0.35010	0.33831	0.32700
0.31635	0.30637						
4190645.17	0.40510	0.38790	0.37225	0.35773	0.34307	0.33113	0.31952
0.30829	0.29776						

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PLAPM ***

INCLUDING SOURCE(S): PLAPM ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	561177.30	561197.30	561217.30	561237.30	561257.30	561277.30	561297.30	561317.30	561337.30
4191625.17	0.14494	0.14315	0.14124	0.13897	0.13625	0.13310	0.12966	0.12603	0.12213
4191605.17	0.14861	0.14636	0.14368	0.14052	0.13697	0.13317	0.12924	0.12528	0.12117
4191585.17	0.15166	0.14852	0.14491	0.14095	0.13679	0.13254	0.12832	0.12417	0.11996
4191565.17	0.15352	0.14943	0.14505	0.14051	0.13595	0.13145	0.12709	0.12290	0.11878
4191545.17	0.15409	0.14927	0.14436	0.13948	0.13472	0.13016	0.12585	0.12189	0.11817
4191525.17	0.15363	0.14834	0.14315	0.13816	0.13344	0.12908	0.12518	0.12182	0.11887
4191505.17	0.15249	0.14701	0.14183	0.13702	0.13270	0.12896	0.12587	0.12347	0.12154
4191485.17	0.15113	0.14582	0.14112	0.13700	0.13342	0.13066	0.12867	0.12723	0.12641
4191465.17	0.15026	0.14560	0.14190	0.13901	0.13642	0.13474	0.13379	0.13308	0.13308
4191445.17	0.15094	0.14743	0.14469	0.14274	0.14154	0.14082	0.14044	0.14075	0.14080
4191425.17	0.15399	0.15171	0.15027	0.14948	0.14896	0.14856	0.14833	0.14859	0.14819
4191405.17	0.15997	0.15866	0.15828	0.15816	0.15756	0.15700	0.15636	0.15570	0.15451
4191385.17	0.16958	0.16898	0.16813	0.16720	0.16682	0.16575	0.16430	0.16265	0.16069
4191365.17	0.18002	0.17921	0.17783	0.17621	0.17500	0.17319	0.17102	0.16878	0.16659
4191345.17	0.18998	0.18829	0.18666	0.18476	0.18236	0.17991	0.17756	0.17538	0.17344
4191325.17	0.19947	0.19694	0.19468	0.19242	0.18989	0.18759	0.18558	0.18387	0.18247
4191305.17	0.20887	0.20600	0.20340	0.20114	0.19921	0.19751	0.19605	0.19484	0.19381
4191285.17	0.21940	0.21693	0.21437	0.21227	0.21115	0.21005	0.20884	0.20766	0.20642
4191265.17	0.22968	0.22822	0.22753	0.22685	0.22464	0.22349	0.22242	0.22011	0.21810
4191245.17	0.24460	0.24338	0.24285	0.24206	0.23843	0.23610	0.23380	0.23051	0.22746
4191225.17	0.26281	0.26021	0.25803	0.25543	0.25038	0.24617	0.24179	0.23755	0.23364
4191205.17	0.28033	0.27591	0.27109	0.26569	0.25980	0.25358	0.24718	0.24189	0.23727
4191185.17	0.29364	0.28720	0.28018	0.27295	0.26558	0.25800	0.25073	0.24469	0.23988
4191165.17	0.30206	0.29406	0.28611	0.27797	0.26895	0.26112	0.25423	0.24748	0.24231
4191145.17	0.30772	0.29942	0.29056	0.28149	0.27212	0.26496	0.25836	0.25106	0.24527
4191125.17	0.31257	0.30374	0.29435	0.28516	0.27643	0.26915	0.26239	0.25494	0.24857
4191105.17	0.31750	0.30795	0.29837	0.28926	0.28170	0.27404	0.26653	0.25935	0.25251
4191085.17	0.32222	0.31252	0.30317	0.29417	0.28607	0.27823	0.27076		

								0.26403	0.25693
4191065.17	0.32776	0.31793	0.30860	0.29972	0.29128	0.28323	0.27566	0.26904	0.26190
4191045.17	0.33423	0.32422	0.31469	0.30561	0.29694	0.28865	0.28094	0.27396	0.26684
4191025.17	0.34109	0.33070	0.32078	0.31129	0.30222	0.29387	0.28596	0.27814	0.27052
4191005.17	0.34705	0.33609	0.32589	0.31613	0.30653	0.29769	0.28922	0.28075	0.27264
4190985.17	0.35095	0.33942	0.32911	0.31924	0.30917	0.29955	0.29037	0.28160	0.27320
4190965.17	0.35272	0.34151	0.33039	0.31982	0.30949	0.29966	0.29029	0.28137	0.27286
4190945.17	0.35358	0.34202	0.33091	0.32006	0.30937	0.29935	0.28995	0.28101	0.27250
4190925.17	0.35481	0.34260	0.33162	0.32122	0.30995	0.29983	0.29046	0.28155	0.27308
4190905.17	0.35706	0.34485	0.33299	0.32178	0.31183	0.30211	0.29275	0.28385	0.27538
4190885.17	0.36235	0.35004	0.33824	0.32706	0.31673	0.30692	0.29747	0.28848	0.27991
4190865.17	0.37150	0.35890	0.34760	0.33672	0.32507	0.31460	0.30478	0.29570	0.28692
4190845.17	0.38557	0.37243	0.35981	0.34709	0.33566	0.32401	0.31350	0.30574	0.29674

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PLAPM ***

INCLUDING SOURCE(S): PLAPM ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 561177.30	561197.30	561217.30	561237.30	561257.30	561277.30	561297.30	561317.30	561337.30
4190825.17	0.39988	0.38623	0.37321	0.36046	0.34811	0.33602	0.32497	0.31596	0.30688
4190805.17	0.41202	0.39807	0.38484	0.37226	0.35940	0.34756	0.33659	0.32477	0.31561
4190785.17	0.41676	0.40303	0.38999	0.37757	0.36488	0.35315	0.34252	0.33251	0.32164
4190765.17	0.40992	0.39708	0.38485	0.37318	0.36160	0.35036	0.34015	0.33137	0.32084
4190745.17	0.39123	0.37975	0.36879	0.35831	0.34827	0.33818	0.32844	0.32039	0.31165
4190725.17	0.36486	0.35478	0.34514	0.33594	0.32712	0.31854	0.30936	0.30083	0.29306
4190705.17	0.33712	0.32803	0.31939	0.31115	0.30329	0.29575	0.28805	0.27996	0.27270
4190685.17	0.31352	0.30484	0.29663	0.28885	0.28147	0.27446	0.26777	0.26085	0.25373
4190665.17	0.29699	0.28819	0.27990	0.27209	0.26472	0.25776	0.25116	0.24490	0.23828
4190645.17	0.28790	0.27864	0.26994	0.26177	0.25408	0.24684	0.24001	0.23355	0.22725

                          *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: PLAPM
***
                              INCLUDING SOURCE(S):   PLAPM   ,

                               *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                    ** CONC OF PM_10   IN MICROGRAMS/M**3   **

Y-COORD (METERS)	X-COORD (METERS) 561357.30	561377.30	561397.30
4191625.17	0.11826	0.11465	0.11113
4191605.17	0.11716	0.11348	0.10996
4191585.17	0.11594	0.11236	0.10909
4191565.17	0.11500	0.11182	0.10910
4191545.17	0.11497	0.11252	0.11066
4191525.17	0.11657	0.11506	0.11413
4191505.17	0.12023	0.11964	0.11942
4191485.17	0.12601	0.12588	0.12592
4191465.17	0.13326	0.13296	0.13276
4191445.17	0.14064	0.13988	0.13910
4191425.17	0.14730	0.14598	0.14455
4191405.17	0.15295	0.15120	0.14934
4191385.17	0.15864	0.15660	0.15449
4191365.17	0.16451	0.16264	0.16074
4191345.17	0.17178	0.17040	0.16901
4191325.17	0.18133	0.18041	0.17931
4191305.17	0.19288	0.19194	0.19074
4191285.17	0.20503	0.20343	0.20157
4191265.17	0.21593	0.21313	0.21003
4191245.17	0.22416	0.22004	0.21559
4191225.17	0.22947	0.22431	0.21878
4191205.17	0.23271	0.22697	0.22102
4191185.17	0.23509	0.22936	0.22333
4191165.17	0.23750	0.23202	0.22605
4191145.17	0.24012	0.23497	0.22890
4191125.17	0.24299	0.23789	0.23181
4191105.17	0.24625	0.24115	0.23513
4191085.17	0.25025	0.24511	0.23932
4191065.17	0.25507	0.24962	0.24366
4191045.17	0.25990	0.25379	0.24744
4191025.17	0.26319	0.25674	0.25003
4191005.17	0.26494	0.25817	0.25118
4190985.17	0.26529	0.25832	0.25114
4190965.17	0.26485	0.25781	0.25058
4190945.17	0.26450	0.25749	0.25029
4190925.17	0.26512	0.25817	0.25101
4190905.17	0.26731	0.25983	0.25290
4190885.17	0.27176	0.26398	0.25707
4190865.17	0.27856	0.27058	0.26350
4190845.17	0.28759	0.27932	0.27196

                           *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: PLAPM
***

INCLUDING SOURCE(S): PLAPM ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)		
	561357.30	561377.30	561397.30
4190825.17	0.29798	0.28937	0.28170
4190805.17	0.30755	0.29871	0.29080
4190785.17	0.31130	0.30355	0.29598
4190765.17	0.31038	0.30234	0.29513
4190745.17	0.30286	0.29395	0.28708
4190725.17	0.28599	0.27968	0.27331
4190705.17	0.26628	0.26123	0.25562
4190685.17	0.24728	0.24227	0.23746
4190665.17	0.23211	0.22625	0.22141
4190645.17	0.22091	0.21499	0.20981

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PLAPM ***

INCLUDING SOURCE(S): PLAPM ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
560122.00	4190978.00	5.46306	560142.00	4190978.00	5.10060
560162.00	4190978.00	4.81015	560182.00	4190978.00	4.69624
560202.00	4190978.00	4.63089	560222.00	4190978.00	4.45212
560242.00	4190978.00	4.16173	560262.00	4190978.00	3.81386
560102.00	4190998.00	4.41978	560122.00	4190998.00	4.34583
560142.00	4190998.00	4.11979	560162.00	4190998.00	3.82866
560182.00	4190998.00	3.65252	560202.00	4190998.00	3.61841
560222.00	4190998.00	3.60857	560242.00	4190998.00	3.50997
560262.00	4190998.00	3.32193	560282.00	4190998.00	3.07880
560302.00	4190998.00	2.80666	560322.00	4190998.00	2.55157
560102.00	4191018.00	3.52773	560122.00	4191018.00	3.50550
560142.00	4191018.00	3.40704	560162.00	4191018.00	3.18268
560182.00	4191018.00	2.96762	560202.00	4191018.00	2.87318
560222.00	4191018.00	2.87779	560242.00	4191018.00	2.89132
560262.00	4191018.00	2.83772	560282.00	4191018.00	2.71197

560302.00	4191018.00	2.53899	560322.00	4191018.00	2.33696
560342.00	4191018.00	2.13465	560362.00	4191018.00	1.95764
560382.00	4191018.00	1.81115	560402.00	4191018.00	1.68932
560102.00	4191038.00	2.88591	560122.00	4191038.00	2.86754
560142.00	4191038.00	2.84119	560162.00	4191038.00	2.71578
560182.00	4191038.00	2.51236	560202.00	4191038.00	2.36668
560222.00	4191038.00	2.32538	560242.00	4191038.00	2.34600
560262.00	4191038.00	2.36877	560282.00	4191038.00	2.34229
560302.00	4191038.00	2.25734	560322.00	4191038.00	2.13088
560342.00	4191038.00	1.97733	560362.00	4191038.00	1.81693
560382.00	4191038.00	1.67023	560402.00	4191038.00	1.54483
560422.00	4191038.00	1.43920	560442.00	4191038.00	1.35162
560462.00	4191038.00	1.27921	560082.00	4191058.00	2.36749
560102.00	4191058.00	2.40693	560122.00	4191058.00	2.38561
560142.00	4191058.00	2.37960	560162.00	4191058.00	2.33735
560182.00	4191058.00	2.19064	560202.00	4191058.00	2.02470
560222.00	4191058.00	1.93558	560242.00	4191058.00	1.92521
560262.00	4191058.00	1.95050	560282.00	4191058.00	1.97597
560302.00	4191058.00	1.96643	560322.00	4191058.00	1.90956
560342.00	4191058.00	1.81530	560362.00	4191058.00	1.69625
560382.00	4191058.00	1.56826	560402.00	4191058.00	1.44723
560422.00	4191058.00	1.34055	560442.00	4191058.00	1.24846
560462.00	4191058.00	1.16977	560082.00	4191078.00	1.99560
560102.00	4191078.00	2.04053	560122.00	4191078.00	2.01992
560142.00	4191078.00	2.00822	560162.00	4191078.00	2.01027

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PLAPM ***

INCLUDING SOURCE(S): PLAPM ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC

- - - - - - -

560182.00	4191078.00	1.93523	560202.00	4191078.00	1.78849
560222.00	4191078.00	1.66507	560242.00	4191078.00	1.61755
560262.00	4191078.00	1.62305	560282.00	4191078.00	1.64801
560302.00	4191078.00	1.67327	560322.00	4191078.00	1.67440
560342.00	4191078.00	1.63751	560362.00	4191078.00	1.56654
560382.00	4191078.00	1.47236	560402.00	4191078.00	1.36882
560422.00	4191078.00	1.26885	560442.00	4191078.00	1.17865
560462.00	4191078.00	1.09866	560482.00	4191078.00	1.02837
560502.00	4191078.00	0.96835	560082.00	4191098.00	1.70367
560102.00	4191098.00	1.75279	560122.00	4191098.00	1.73765
560142.00	4191098.00	1.71531	560162.00	4191098.00	1.72745
560182.00	4191098.00	1.70949	560202.00	4191098.00	1.60957
560222.00	4191098.00	1.48004	560242.00	4191098.00	1.39609
560262.00	4191098.00	1.37611	560282.00	4191098.00	1.38869
560302.00	4191098.00	1.41132	560322.00	4191098.00	1.43504
560342.00	4191098.00	1.44291	560362.00	4191098.00	1.42059
560382.00	4191098.00	1.36721	560402.00	4191098.00	1.29147
560422.00	4191098.00	1.20617	560442.00	4191098.00	1.12280
560462.00	4191098.00	1.04676	560482.00	4191098.00	0.97807
560502.00	4191098.00	0.91588	560522.00	4191098.00	0.86057
560062.00	4191118.00	1.39431	560082.00	4191118.00	1.47076
560102.00	4191118.00	1.52160	560122.00	4191118.00	1.51464
560142.00	4191118.00	1.48582	560162.00	4191118.00	1.48982
560182.00	4191118.00	1.50251	560202.00	4191118.00	1.45467
560222.00	4191118.00	1.34713	560242.00	4191118.00	1.24292
560262.00	4191118.00	1.19126	560282.00	4191118.00	1.18797
560302.00	4191118.00	1.20285	560322.00	4191118.00	1.22263
560342.00	4191118.00	1.24433	560362.00	4191118.00	1.25638
560382.00	4191118.00	1.24479	560402.00	4191118.00	1.20505
560422.00	4191118.00	1.14346	560442.00	4191118.00	1.07193
560462.00	4191118.00	1.00134	560482.00	4191118.00	0.93687
560502.00	4191118.00	0.87835	560522.00	4191118.00	0.82390
560062.00	4191138.00	1.21564	560082.00	4191138.00	1.28229
560102.00	4191138.00	1.33249	560122.00	4191138.00	1.33415

560142.00	4191138.00	1.30464	560162.00	4191138.00	1.29564
560182.00	4191138.00	1.31614	560202.00	4191138.00	1.30845
560222.00	4191138.00	1.23833	560242.00	4191138.00	1.13711
560262.00	4191138.00	1.05976	560282.00	4191138.00	1.03205
560302.00	4191138.00	1.03800	560322.00	4191138.00	1.05291
560342.00	4191138.00	1.06984	560362.00	4191138.00	1.08943

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PLAPM ***

INCLUDING SOURCE(S): PLAPM ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
560382.00	4191138.00	1.10391	560402.00	4191138.00	1.10018
560422.00	4191138.00	1.07125	560442.00	4191138.00	1.02096
560462.00	4191138.00	0.96009	560482.00	4191138.00	0.89926
560502.00	4191138.00	0.84390	560062.00	4191158.00	1.06944
560082.00	4191158.00	1.12787	560102.00	4191158.00	1.17574
560122.00	4191158.00	1.18480	560142.00	4191158.00	1.15922
560162.00	4191158.00	1.13923	560182.00	4191158.00	1.15415
560202.00	4191158.00	1.16880	560222.00	4191158.00	1.13672
560242.00	4191158.00	1.05676	560262.00	4191158.00	0.97003
560282.00	4191158.00	0.91708	560302.00	4191158.00	0.90572
560322.00	4191158.00	0.91628	560342.00	4191158.00	0.93015
560362.00	4191158.00	0.94444	560382.00	4191158.00	0.96193
560402.00	4191158.00	0.97768	560422.00	4191158.00	0.97969
560442.00	4191158.00	0.95942	560462.00	4191158.00	0.91843
560482.00	4191158.00	0.86612	560502.00	4191158.00	0.81253
560062.00	4191178.00	0.94853	560082.00	4191178.00	1.00003
560102.00	4191178.00	1.04450	560122.00	4191178.00	1.05900
560142.00	4191178.00	1.03997	560162.00	4191178.00	1.01345
560182.00	4191178.00	1.01761	560202.00	4191178.00	1.03934

560222.00	4191178.00	1.03606	560242.00	4191178.00	0.98566
560322.00	4191178.00	0.80349	560342.00	4191178.00	0.81596
560362.00	4191178.00	0.82834	560382.00	4191178.00	0.84025
560402.00	4191178.00	0.85577	560422.00	4191178.00	0.87200
560442.00	4191178.00	0.87819	560462.00	4191178.00	0.86490
560482.00	4191178.00	0.83172	560502.00	4191178.00	0.78477
560062.00	4191198.00	0.84736	560082.00	4191198.00	0.89275
560102.00	4191198.00	0.93376	560122.00	4191198.00	0.95158
560142.00	4191198.00	0.93996	560162.00	4191198.00	0.91160
560182.00	4191198.00	0.90462	560202.00	4191198.00	0.92394
560222.00	4191198.00	0.93723	560362.00	4191198.00	0.73215
560382.00	4191198.00	0.74290	560402.00	4191198.00	0.75272
560422.00	4191198.00	0.76646	560442.00	4191198.00	0.78269
560462.00	4191198.00	0.79184	560482.00	4191198.00	0.78416
560042.00	4191218.00	0.75511	560062.00	4191218.00	0.76133
560082.00	4191218.00	0.80197	560102.00	4191218.00	0.83966
560122.00	4191218.00	0.85901	560142.00	4191218.00	0.85429
560162.00	4191218.00	0.82795	560182.00	4191218.00	0.81186
560202.00	4191218.00	0.82411	560222.00	4191218.00	0.84381
560342.00	4191218.00	0.64025	560362.00	4191218.00	0.64895
560382.00	4191218.00	0.66132	560402.00	4191218.00	0.67046

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PLAPM ***

INCLUDING SOURCE(S): PLAPM ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
560422.00	4191218.00	0.67849	560442.00	4191218.00	0.69067
560462.00	4191218.00	0.70658	560482.00	4191218.00	0.71767
560082.00	4191238.00	0.72449	560102.00	4191238.00	0.75918
560122.00	4191238.00	0.77875	560142.00	4191238.00	0.77968

560162.00	4191238.00	0.75787	560182.00	4191238.00	0.73586
560202.00	4191238.00	0.73939	560222.00	4191238.00	0.75889
560342.00	4191238.00	0.58000	560362.00	4191238.00	0.57893
560382.00	4191238.00	0.58935	560402.00	4191238.00	0.60087
560422.00	4191238.00	0.60850	560442.00	4191238.00	0.61499
560462.00	4191238.00	0.62576	560182.00	4191258.00	0.67331
560202.00	4191258.00	0.66826	560322.00	4191258.00	0.57172
560342.00	4191258.00	0.53698	560362.00	4191258.00	0.52391
560382.00	4191258.00	0.52725	560402.00	4191258.00	0.53834
560422.00	4191258.00	0.54880	560442.00	4191258.00	0.55505
560462.00	4191258.00	0.56018	560322.00	4191278.00	0.55001
560342.00	4191278.00	0.50765	560362.00	4191278.00	0.48338
560382.00	4191278.00	0.47708	560402.00	4191278.00	0.48314
560422.00	4191278.00	0.49426	560442.00	4191278.00	0.50353
559982.00	4191298.00	0.67465	560002.00	4191298.00	0.59579
560022.00	4191298.00	0.54231	560042.00	4191298.00	0.51766
560062.00	4191298.00	0.52246	560302.00	4191298.00	0.57145
560322.00	4191298.00	0.53207	560342.00	4191298.00	0.48794
560362.00	4191298.00	0.45499	560382.00	4191298.00	0.43903
560402.00	4191298.00	0.43742	560422.00	4191298.00	0.44508
560442.00	4191298.00	0.45575	559962.00	4191318.00	0.66837
559982.00	4191318.00	0.61380	560002.00	4191318.00	0.54294
560022.00	4191318.00	0.49742	560042.00	4191318.00	0.47627
560062.00	4191318.00	0.48070	560082.00	4191318.00	0.50549
560102.00	4191318.00	0.53165	560122.00	4191318.00	0.54757
560142.00	4191318.00	0.55668	560162.00	4191318.00	0.55591
560302.00	4191318.00	0.54102	560322.00	4191318.00	0.51372
560342.00	4191318.00	0.47367	560362.00	4191318.00	0.43593
560382.00	4191318.00	0.41156	560402.00	4191318.00	0.40187
560422.00	4191318.00	0.40342	559962.00	4191338.00	0.61902
559982.00	4191338.00	0.55990	560002.00	4191338.00	0.49699
560022.00	4191338.00	0.45810	560042.00	4191338.00	0.43982
560062.00	4191338.00	0.44391	560082.00	4191338.00	0.46649
560102.00	4191338.00	0.49114	560122.00	4191338.00	0.50621
560142.00	4191338.00	0.51505	560162.00	4191338.00	0.51733

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PLAPM ***

INCLUDING SOURCE(S): PLAPM ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
560222.00	4191338.00	0.47481	560242.00	4191338.00	0.48256
560302.00	4191338.00	0.50801	560322.00	4191338.00	0.49256
560342.00	4191338.00	0.46097	560362.00	4191338.00	0.42321
560382.00	4191338.00	0.39265	560402.00	4191338.00	0.37544
560422.00	4191338.00	0.37028	559962.00	4191358.00	0.57233
559982.00	4191358.00	0.51215	560002.00	4191358.00	0.45685
560022.00	4191358.00	0.42344	560042.00	4191358.00	0.40756
560062.00	4191358.00	0.41133	560082.00	4191358.00	0.43193
560102.00	4191358.00	0.45521	560122.00	4191358.00	0.46961
560142.00	4191358.00	0.47784	560162.00	4191358.00	0.48207
560182.00	4191358.00	0.47379	560202.00	4191358.00	0.45438
560222.00	4191358.00	0.44100	560242.00	4191358.00	0.44369
560262.00	4191358.00	0.45641	560282.00	4191358.00	0.46873
560302.00	4191358.00	0.47416	560322.00	4191358.00	0.46817
560342.00	4191358.00	0.44686	560362.00	4191358.00	0.41366
560382.00	4191358.00	0.38023	560402.00	4191358.00	0.35659
559962.00	4191378.00	0.52871	559982.00	4191378.00	0.46991
560002.00	4191378.00	0.42161	560022.00	4191378.00	0.39274
560042.00	4191378.00	0.37887	560062.00	4191378.00	0.38234
560082.00	4191378.00	0.40116	560102.00	4191378.00	0.42317
560122.00	4191378.00	0.43707	560142.00	4191378.00	0.44459
560162.00	4191378.00	0.44981	560182.00	4191378.00	0.44554
560202.00	4191378.00	0.42862	560222.00	4191378.00	0.41255
560242.00	4191378.00	0.41027	560262.00	4191378.00	0.42013

560282.00	4191378.00	0.43280	560302.00	4191378.00	0.44115
560322.00	4191378.00	0.44153	560342.00	4191378.00	0.42981
559982.00	4191398.00	0.43254	560002.00	4191398.00	0.39049
560022.00	4191398.00	0.36541	560042.00	4191398.00	0.35324
560062.00	4191398.00	0.35644	560082.00	4191398.00	0.37365
560102.00	4191398.00	0.39446	560122.00	4191398.00	0.40800
560142.00	4191398.00	0.41486	560162.00	4191398.00	0.42033
560182.00	4191398.00	0.41933	560202.00	4191398.00	0.40566
560222.00	4191398.00	0.38846	560242.00	4191398.00	0.38178
560262.00	4191398.00	0.38805	560282.00	4191398.00	0.40003
559982.00	4191418.00	0.39951	560002.00	4191418.00	0.36291
560022.00	4191418.00	0.34100	560042.00	4191418.00	0.33025
560062.00	4191418.00	0.33319	560082.00	4191418.00	0.34894
560102.00	4191418.00	0.36863	560122.00	4191418.00	0.38190
560142.00	4191418.00	0.38823	560162.00	4191418.00	0.39345
560182.00	4191418.00	0.39489	560202.00	4191418.00	0.38476

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PLAPM ***

INCLUDING SOURCE(S): PLAPM ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
560222.00	4191418.00	0.36780	560242.00	4191418.00	0.35760
560262.00	4191418.00	0.35997	560002.00	4191438.00	0.33816
560022.00	4191438.00	0.31904	560042.00	4191438.00	0.30956
560062.00	4191438.00	0.31226	560082.00	4191438.00	0.32667
560102.00	4191438.00	0.34529	560122.00	4191438.00	0.35836
560142.00	4191438.00	0.36431	560162.00	4191438.00	0.36900
560182.00	4191438.00	0.37204	560202.00	4191438.00	0.36539
560222.00	4191438.00	0.34975	560242.00	4191438.00	0.33710
560262.00	4191438.00	0.33566	560042.00	4191458.00	0.29075

560062.00	4191458.00	0.29334	560082.00	4191458.00	0.30654
560102.00	4191458.00	0.32412	560122.00	4191458.00	0.33702
560142.00	4191458.00	0.34276	560162.00	4191458.00	0.34677
560182.00	4191458.00	0.35069	560202.00	4191458.00	0.34719
560222.00	4191458.00	0.33366	560242.00	4191458.00	0.31962
560262.00	4191458.00	0.31475	560142.00	4191478.00	0.32333
560162.00	4191478.00	0.32666	560182.00	4191478.00	0.33087
560202.00	4191478.00	0.32996	560222.00	4191478.00	0.31898
560242.00	4191478.00	0.30457	560155.00	4190663.00	3.47830
560175.00	4190663.00	3.66688	560115.00	4190683.00	4.89034
560135.00	4190683.00	4.64833	560155.00	4190683.00	4.89126
560175.00	4190683.00	5.49359	560095.00	4190703.00	7.08287
560115.00	4190703.00	6.53850	560135.00	4190703.00	6.79671
560155.00	4190703.00	7.71201	560175.00	4190703.00	8.42277
560095.00	4190723.00	9.99282	560115.00	4190723.00	10.20704
560135.00	4190723.00	11.51591	560155.00	4190723.00	12.58980
560175.00	4190723.00	12.61424	560195.00	4190723.00	11.91454
560095.00	4190743.00	17.24569	560115.00	4190743.00	19.32995
560135.00	4190743.00	20.54940	560155.00	4190743.00	19.75165
560175.00	4190743.00	17.61905	560195.00	4190743.00	15.15141
560075.00	4190763.00	36.24585	560095.00	4190763.00	39.90013
560115.00	4190763.00	39.04522	560135.00	4190763.00	33.90389
560155.00	4190763.00	27.68610	560175.00	4190763.00	22.07931
560195.00	4190763.00	17.58176	560215.00	4190763.00	14.08691
560075.00	4190783.00	132.34681	560095.00	4190783.00	100.00239
560115.00	4190783.00	68.85545	560135.00	4190783.00	48.53027
560155.00	4190783.00	35.21628	560175.00	4190783.00	26.17151
560195.00	4190783.00	19.99335	560215.00	4190783.00	15.68800
560235.00	4190783.00	12.61938	560075.00	4190803.00	322.94037
560095.00	4190803.00	187.70409	560115.00	4190803.00	101.89664
560135.00	4190803.00	63.46966	560155.00	4190803.00	43.01185

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PLAPM ***

INCLUDING SOURCE(S): PLAPM ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
560175.00	4190803.00	30.75642	560195.00	4190803.00	23.05433
560215.00	4190803.00	17.92887	560235.00	4190803.00	14.35250
560255.00	4190803.00	11.75846	560275.00	4190803.00	9.81576
560075.00	4190823.00	369.74432	560095.00	4190823.00	194.82866
560115.00	4190823.00	107.50760	560135.00	4190823.00	67.28709
560155.00	4190823.00	45.86167	560175.00	4190823.00	33.16547
560195.00	4190823.00	24.98153	560215.00	4190823.00	19.42927
560235.00	4190823.00	15.52386	560255.00	4190823.00	12.67615
560275.00	4190823.00	10.53768	560295.00	4190823.00	8.89217
560315.00	4190823.00	7.60044	560115.00	4190843.00	89.24550
560135.00	4190843.00	58.93854	560155.00	4190843.00	41.77510
560175.00	4190843.00	31.18037	560195.00	4190843.00	24.01317
560215.00	4190843.00	18.94418	560235.00	4190843.00	15.24135
560255.00	4190843.00	12.49147	560275.00	4190843.00	10.40261
560295.00	4190843.00	8.78357	560315.00	4190843.00	7.50582
560335.00	4190843.00	6.48119	560195.00	4190863.00	19.91256
560215.00	4190863.00	16.35954	560235.00	4190863.00	13.51356
560255.00	4190863.00	11.30126	560275.00	4190863.00	9.55387
560295.00	4190863.00	8.15691	560315.00	4190863.00	7.02866
560335.00	4190863.00	6.10849	560075.00	4190883.00	43.61300
560095.00	4190883.00	38.52106	560115.00	4190883.00	32.15724
560255.00	4190883.00	9.66421	560275.00	4190883.00	8.37981
560295.00	4190883.00	7.30556	560315.00	4190883.00	6.40114
560335.00	4190883.00	5.63591			

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PLAZA ***

INCLUDING SOURCE(S): L0000447 , L0000448 , L0000449 , L0000450 , L0000451 ,
L0000452 , L0000453 , L0000454 , L0000455 , L0000456 , L0000457 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	559917.30	559937.30	559957.30	559977.30	559997.30	560017.30	560037.30	560057.30	560077.30
4191625.17	0.28750	0.27576	0.26044	0.24594	0.23397	0.22555	0.22109	0.22045	0.22405
4191605.17	0.30132	0.29030	0.27441	0.25883	0.24607	0.23701	0.23212	0.23150	0.23506
4191585.17	0.31580	0.30586	0.28953	0.27282	0.25878	0.24888	0.24380	0.24362	0.24710
4191565.17	0.33094	0.32250	0.30592	0.28773	0.27124	0.26040	0.25541	0.25589	0.25973
4191545.17	0.34672	0.33978	0.32300	0.30364	0.28532	0.27378	0.26843	0.26873	0.27312
4191525.17	0.36294	0.35778	0.34109	0.32075	0.30151	0.28901	0.28292	0.28247	0.28748
4191505.17	0.37991	0.37787	0.36184	0.34060	0.32064	0.30623	0.29889	0.29830	0.30365
4191485.17	0.39742	0.39921	0.38435	0.36215	0.34085	0.32494	0.31656	0.31684	0.32295
4191465.17	0.41546	0.42185	0.40879	0.38581	0.36267	0.34532	0.33620	0.33746	0.34352
4191445.17	0.43421	0.44730	0.43711	0.41364	0.38852	0.36978	0.35971	0.35861	0.36511
4191425.17	0.45324	0.47323	0.46719	0.44391	0.41677	0.39538	0.38335	0.38191	0.38892
4191405.17	0.47280	0.50002	0.49900	0.47593	0.44683	0.42292	0.40949	0.40773	0.41528
4191385.17	0.49377	0.52838	0.53304	0.51124	0.48019	0.45368	0.43856	0.43642	0.44457
4191365.17	0.51476	0.55815	0.56986	0.55029	0.51747	0.48809	0.47102	0.46843	0.47723
4191345.17	0.53687	0.58919	0.60962	0.59354	0.55925	0.52673	0.50741	0.50428	0.51382
4191325.17	0.56051	0.62181	0.65251	0.64147	0.60623	0.57032	0.54841	0.54462	0.55499
4191305.17	0.58635	0.65682	0.69874	0.69485	0.65933	0.61972	0.59483	0.59026	0.60156
4191285.17	0.61523	0.69347	0.74870	0.75297	0.71939	0.67596	0.64765	0.64214	0.65448
4191265.17	0.64854	0.73299	0.80240	0.81948	0.78746	0.74034	0.70810	0.70146	0.71497
4191245.17	0.68784	0.77631	0.86044	0.89210	0.86493	0.81442	0.77772	0.76970	0.78452
4191225.17	0.73518	0.82482	0.92373	0.97325	0.95365	0.90017	0.85841	0.84874	0.86500
4191205.17	0.79303	0.88052	0.99321	1.06397	1.05510	0.99910	0.95199	0.94107	0.95881
4191185.17	0.86436	0.94618	1.07073	1.16506	1.17045	1.11388	1.06095	1.04906	1.06922
4191165.17	0.95259	1.02547	1.15813	1.27566	1.30464	1.25140	1.19117	1.17415	1.19924
4191145.17	1.06162	1.12322	1.25956	1.40821	1.46249	1.41498	1.34821	1.32777	1.35545
4191125.17	1.19601	1.24554	1.38012	1.55626	1.64720	1.61126	1.53859	1.51412	1.54452
4191105.17	1.36148	1.40010	1.52794	1.72925	1.86394	1.84909	1.77226		

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1.74317      1.77629
  4191085.17 |       1.56557      1.59679      1.71358      1.93573      2.12232      2.14039      2.06306
2.02892      2.06459
  4191065.17 |       1.82156      1.84805      1.95198      2.18892      2.43485      2.50179      2.43069
2.39151      2.42936
  4191045.17 |       2.14539      2.17195      2.26406      2.50909      2.82038      2.95721      2.90409
2.86087      2.89849
  4191025.17 |       2.56177      2.59637      2.68029      2.92757      3.30845      3.54247      3.52718
3.48306      3.51093
  4191005.17 |       3.09534      3.16021      3.24683      3.49376      3.94708      4.31368      4.36929
4.30466      4.33006
  4190985.17 |       3.76200      3.91206      4.03428      4.28862      4.81825      5.36403      5.53440
5.43139      5.45785
  4190965.17 |       4.55541      4.89619      5.14325      5.44878      6.06999      6.85973      7.24624
7.16292      7.11154
  4190945.17 |       5.42929      6.12164      6.68936      7.19807      7.98364      9.08633      9.79543
9.84852      9.70857
  4190925.17 |       6.27631      7.50838      8.73749      9.85517     11.10912     12.71387     13.98010
14.40693     14.11010
  4190905.17 |       6.96611      8.84755     11.15435     13.71079     16.46239     19.55394     22.27177
23.34532     22.49753
  4190885.17 |       7.50487      9.95544     13.55036     18.65794     25.65502     34.57556     42.97122
45.98645     41.69882
  4190865.17 |       8.08700     10.96180     15.70973     24.06821     40.26149     41.33335     41.83683
51.35304     93.45885
  4190845.17 |       8.80349     12.06201     17.77722     29.32768     42.82413     39.94116     39.07834
75.90705    149.42057
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

  PAGE 867
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

                              *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: PLAZA
***
                                  INCLUDING SOURCE(S):     L0000447    , L0000448    , L0000449    , L0000450    ,
L0000451    ,
                 L0000452    , L0000453    , L0000454    , L0000455    , L0000456    , L0000457    ,

                                   *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                        ** CONC OF PM_10    IN MICROGRAMS/M**3                          **

    Y-COORD  |                                             X-COORD (METERS)
    (METERS) |     559917.30    559937.30    559957.30    559977.30    559997.30    560017.30    560037.30
560057.30    560077.30
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

  4190825.17 |       9.49205     13.13128     19.63252     32.96883     66.54833     58.29765     18.00795
33.51090    113.61569
  4190805.17 |      10.05775     14.01505     20.80457     33.37064     58.98814     76.15993     37.18056
48.47719     93.89314
  4190785.17 |      10.51209     14.44994     20.49495     29.93834     45.49518     60.42848     51.35415
62.35572     77.54645
  4190765.17 |      10.68055     14.04241     18.53894     24.38905     31.73042     41.17284     37.32798
39.40730     57.67721
  4190745.17 |      10.28120     12.73059     15.45892     18.32218     20.98755     23.15002     24.69881
24.62215     24.28417
  4190725.17 |       9.32367     10.76543     12.09518     13.14354     13.78908     14.12646     14.38753
14.23135     13.60671
  4190705.17 |       7.94196      8.63724      9.12978      9.37938      9.44535      9.50294      9.66999
9.67067      9.14167
  4190685.17 |       6.50645      6.76768      6.88588      6.88576      6.84685      6.89004      7.03235
7.06143      6.75642
  4190665.17 |       5.24749      5.31334      5.30318      5.24666      5.21009      5.26447      5.38693
5.42516      5.22524
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                          *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: PLAZA
***
                              INCLUDING SOURCE(S):   L0000447   , L0000448   , L0000449   , L0000450   ,
L0000451   ,
                L0000452   , L0000453   , L0000454   , L0000455   , L0000456   , L0000457   ,

                               *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                    ** CONC OF PM_10   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 560097.30   560117.30   560137.30   560157.30   560177.30   560197.30   560217.30
560237.30   560257.30
 -
- - - - - - - -

  4191625.17 | 0.23002   0.23649   0.24227   0.24696   0.25047   0.25249   0.25239
0.24977   0.24514
  4191605.17 | 0.24112   0.24791   0.25394   0.25879   0.26231   0.26407   0.26339
0.26005   0.25486
  4191585.17 | 0.25311   0.26024   0.26654   0.27154   0.27503   0.27644   0.27509
0.27097   0.26529
  4191565.17 | 0.26593   0.27265   0.27903   0.28417   0.28756   0.28902   0.28753
0.28264   0.27657
  4191545.17 | 0.27999   0.28722   0.29352   0.29841   0.30163   0.30293   0.30080
0.29515   0.28883
  4191525.17 | 0.29546   0.30380   0.31022   0.31460   0.31755   0.31820   0.31519
0.30882   0.30241
  4191505.17 | 0.31214   0.32095   0.32884   0.33467   0.33722   0.33697   0.33261
0.32561   0.31898
  4191485.17 | 0.33203   0.34139   0.34966   0.35553   0.35752   0.35543   0.34937
0.34191   0.33585
  4191465.17 | 0.35323   0.36316   0.37131   0.37659   0.37787   0.37449   0.36750
0.35976   0.35429
  4191445.17 | 0.37550   0.38602   0.39446   0.39949   0.39987   0.39523   0.38731
0.37955   0.37483
  4191425.17 | 0.40006   0.41122   0.41990   0.42453   0.42381   0.41782   0.40913
0.40161   0.39779
  4191405.17 | 0.42726   0.43908   0.44794   0.45198   0.44993   0.44256   0.43332
0.42634   0.42357
  4191385.17 | 0.45746   0.46998   0.47892   0.48213   0.47855   0.46984   0.46035
0.45419   0.45250
  4191365.17 | 0.49114   0.50438   0.51325   0.51536   0.51007   0.50015   0.49075
0.48566   0.48492
  4191345.17 | 0.52885   0.54281   0.55142   0.55211   0.54498   0.53408   0.52515
0.52127   0.52114
  4191325.17 | 0.57126   0.58590   0.59399   0.59294   0.58391   0.57236   0.56427
0.56157   0.56142
  4191305.17 | 0.61917   0.63441   0.64164   0.63852   0.62765   0.61587   0.60893
0.60709   0.60586
  4191285.17 | 0.67356   0.68925   0.69522   0.68972   0.67720   0.66568   0.66000
0.65829   0.65443
  4191265.17 | 0.73561   0.75154   0.75577   0.74767   0.73384   0.72303   0.71838
0.71550   0.70695
  4191245.17 | 0.80679   0.82264   0.82460   0.81379   0.79913   0.78933   0.78492
0.77885   0.76322
  4191225.17 | 0.88894   0.90426   0.90340   0.88995   0.87499   0.86611   0.86034
0.84831   0.82332
  4191205.17 | 0.98436   0.99858   0.99440   0.97854   0.96372   0.95494   0.94516

0.92395   0.88812
  4191185.17 | 1.09603   1.10844   1.10051   1.08265   1.06801   1.05734   1.03979
1.00639   0.95992
  4191165.17 | 1.22779   1.23756   1.22562   1.20615   1.19078   1.17470   1.14496
1.09762   1.04301
  4191145.17 | 1.38477   1.39098   1.37491   1.35376   1.33517   1.30851   1.26253
1.20197   1.14395
  4191125.17 | 1.57387   1.57557   1.55519   1.53111   1.50446   1.46105   1.39680
1.32696   1.27153
  4191105.17 | 1.80468   1.80082   1.77537   1.74477   1.70268   1.63701   1.55615
1.48371   1.43629
  4191085.17 | 2.09065   2.07987   2.04689   2.00265   1.93622   1.84594   1.75445
1.68697   1.65023
  4191065.17 | 2.45123   2.43102   2.38442   2.31542   2.21697   2.10512   2.01198
1.95464   1.92523
  4191045.17 | 2.91505   2.87984   2.80770   2.70046   2.56720   2.44225   2.35531
2.30531   2.26851
  4191025.17 | 3.52201   3.46364   3.34634   3.18925   3.02552   2.89690   2.81403
2.75168   2.67729
  4191005.17 | 4.33178   4.23653   4.05108   3.83895   3.65207   3.51694   3.41119
3.29354   3.14071
  4190985.17 | 5.46866   5.29091   5.01509   4.74559   4.52671   4.34550   4.15425
3.92362   3.65582
  4190965.17 | 6.99742   6.76899   6.40652   6.04970   5.73326   5.41166   5.03531
4.60906   4.20770
  4190945.17 | 9.37752   8.93071   8.43148   7.90368   7.33458   6.72241   6.05764
5.43984   4.91122
  4190925.17 | 13.36071   12.38085   11.34441   10.31174   9.29046   8.30362   7.39494
6.59580   5.91244
  4190905.17 | 20.63620   18.39894   16.17525   14.11734   12.26637   10.65154   9.30182
8.22706   7.27365
  4190885.17 | 35.25090   29.11450   24.09417   19.92499   16.46907   13.83506   11.78540
10.14945   8.77454
  4190865.17 | 65.51345   47.45914   35.91205   27.83488   21.65789   17.53853   14.49360
12.06219   10.16842
  4190845.17 | 112.38983   70.64391   48.36819   35.08469   26.56016   20.71425   16.56389
13.48292   11.16471

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                           *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: PLAZA
***
                               INCLUDING SOURCE(S):   L0000447   , L0000448   , L0000449   , L0000450   ,
L0000451   ,
                L0000452   , L0000453   , L0000454   , L0000455   , L0000456   , L0000457   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 560097.30   560117.30   560137.30   560157.30   560177.30   560197.30   560217.30
560237.30   560257.30
 -
- - - - - - - -

  4190825.17 | 147.94334   86.15566   55.94022   39.07938   28.78363   21.95938   17.25852
13.90328   11.42824
  4190805.17 | 108.48482   83.13522   54.09963   37.64650   27.47622   20.89610   16.41290
13.22888   10.88897
  4190785.17 | 93.76497   62.31628   43.86618   31.94515   23.99143   18.56564   14.74193
11.96886   9.91934
  4190765.17 | 47.94800   39.19338   31.66137   25.17898   20.01649   16.06001   13.04302
10.74462   8.97281

0.47952 0.47958
4191285.17 | 0.64260 0.62083 0.59237 0.56383 0.54134 0.52767 0.52195
0.52138 0.52319
4191265.17 | 0.68781 0.65899 0.62680 0.59896 0.58031 0.57119 0.56889
0.57012 0.57268
4191245.17 | 0.73554 0.70058 0.66715 0.64249 0.62885 0.62403 0.62426
0.62656 0.62949
4191225.17 | 0.78700 0.74818 0.71655 0.69704 0.68862 0.68724 0.68908
0.69194 0.69470
4191205.17 | 0.84471 0.80541 0.77849 0.76505 0.76117 0.76212 0.76476
0.76723 0.76782
4191185.17 | 0.91271 0.87676 0.85648 0.84884 0.84828 0.85038 0.85234
0.85178 0.84611
4191165.17 | 0.99655 0.96718 0.95401 0.95094 0.95205 0.95314 0.95092
0.94230 0.92497
4191145.17 | 1.10292 1.08180 1.07473 1.07406 1.07374 1.06915 1.05656
1.03362 1.00014
4191125.17 | 1.23927 1.22600 1.22233 1.21970 1.21170 1.19373 1.16340
1.12113 1.06984
4191105.17 | 1.41361 1.40502 1.39874 1.38576 1.36034 1.32019 1.26650
1.20327 1.13569
4191085.17 | 1.63368 1.62160 1.60132 1.56551 1.51207 1.44334 1.36476
1.28276 1.20283
4191065.17 | 1.90378 1.87261 1.82208 1.75041 1.66162 1.56310 1.46285
1.36728 1.28015
4191045.17 | 2.22058 2.14867 2.05156 1.93565 1.81094 1.68743 1.57240
1.46958 1.37985
4191025.17 | 2.57349 2.44000 2.28671 2.12714 1.97351 1.83378 1.71114
1.60357 1.51229
4191005.17 | 2.95389 2.74793 2.54016 2.34639 2.17406 2.02341 1.89405
1.77656 1.68029
4190985.17 | 3.37302 3.09128 2.83805 2.62147 2.43582 2.26347 2.11501
1.99554 1.88784
4190965.17 | 3.83309 3.49658 3.21654 2.97696 2.77013 2.58553 2.41793
2.27062 2.13454
4190945.17 | 4.45938 4.07284 3.74125 3.45274 3.19718 2.96717 2.75767
2.57321 2.39749
4190925.17 | 5.33206 4.83490 4.40274 4.02166 3.68185 3.37664 3.10784
2.87503 2.65237
4190905.17 | 6.46058 5.76732 5.16930 4.64910 4.19401 3.79437 3.44246
3.13781 2.86510
4190885.17 | 7.63311 6.68401 5.88712 5.21302 4.63924 4.14818 3.72579
3.36077 3.04387
4190865.17 | 8.66665 7.45811 6.47347 5.66270 4.98869 4.42346 3.94560
3.53860 3.18957
4190845.17 | 9.38060 7.98108 6.86506 5.96229 5.22267 4.60979 4.09670
3.66318 3.29383

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PLAZA
***
INCLUDING SOURCE(S): L0000447 , L0000448 , L0000449 , L0000450 ,
L0000451 ,
L0000452 , L0000453 , L0000454 , L0000455 , L0000456 , L0000457 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD | X-COORD (METERS)
(METERS) | 560277.30 560297.30 560317.30 560337.30 560357.30 560377.30 560397.30
560417.30 560437.30
- -

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PLAZA ***

INCLUDING SOURCE(S): L0000447 , L0000448 , L0000449 , L0000450 , L0000451 , L0000452 , L0000453 , L0000454 , L0000455 , L0000456 , L0000457 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)								
	560457.30	560477.30	560497.30	560517.30	560537.30	560557.30	560577.30	560597.30	560617.30
4191625.17	0.23341	0.22766	0.21986	0.21090	0.20202	0.19432	0.18847	0.18463	0.18260
4191605.17	0.24109	0.23374	0.22465	0.21509	0.20628	0.19921	0.19437	0.19160	0.19050
4191585.17	0.24851	0.23956	0.22947	0.21971	0.21060	0.20425	0.20060	0.19895	0.19842
4191565.17	0.25479	0.24445	0.23379	0.22411	0.21600	0.21097	0.20856	0.20802	0.20833
4191545.17	0.26080	0.24945	0.23876	0.22997	0.22352	0.22004	0.21888	0.21935	0.22053
4191525.17	0.26750	0.25564	0.24545	0.23798	0.23344	0.23147	0.23147	0.23277	0.23468
4191505.17	0.27449	0.26276	0.25363	0.24768	0.24471	0.24411	0.24513	0.24699	0.24903
4191485.17	0.28225	0.27131	0.26400	0.26005	0.25865	0.25899	0.26047	0.26256	0.26444
4191465.17	0.29135	0.28182	0.27670	0.27519	0.27522	0.27600	0.27739	0.27939	0.28102
4191445.17	0.30240	0.29479	0.29124	0.29088	0.29210	0.29401	0.29582	0.29759	0.29911
4191425.17	0.31604	0.31067	0.30897	0.30973	0.31222	0.31458	0.31650	0.31815	0.31991
4191405.17	0.33287	0.32984	0.32992	0.33187	0.33542	0.33783	0.33961		

0.34148 0.34381
4191385.17 | 0.35341 0.35254 0.35393 0.35618 0.35881 0.36158 0.36438
0.36683 0.36966
4191365.17 | 0.37901 0.37981 0.38147 0.38335 0.38552 0.38840 0.39161
0.39450 0.39739
4191345.17 | 0.40962 0.41144 0.41252 0.41361 0.41602 0.41875 0.42166
0.42397 0.42557
4191325.17 | 0.44111 0.44351 0.44572 0.44775 0.45060 0.45349 0.45553
0.45536 0.45301
4191305.17 | 0.47912 0.48112 0.48356 0.48651 0.48934 0.49100 0.49003
0.48518 0.47680
4191285.17 | 0.52444 0.52488 0.52722 0.52990 0.53105 0.52908 0.52270
0.51158 0.49639
4191265.17 | 0.57541 0.57478 0.57607 0.57653 0.57328 0.56506 0.55166
0.53400 0.51369
4191245.17 | 0.63245 0.63196 0.62934 0.62362 0.61313 0.59701 0.57647
0.55333 0.52935
4191225.17 | 0.69616 0.69360 0.68416 0.66802 0.64865 0.62468 0.59821
0.57112 0.54467
4191205.17 | 0.76434 0.75479 0.73588 0.70780 0.67975 0.64932 0.61855
0.58871 0.56041
4191185.17 | 0.83309 0.81187 0.78225 0.74305 0.70790 0.67275 0.63893
0.60707 0.57739
4191165.17 | 0.89835 0.86391 0.82317 0.77612 0.73514 0.69666 0.66072
0.62761 0.59750
4191145.17 | 0.95825 0.91139 0.86312 0.81485 0.76547 0.72310 0.68624
0.65319 0.62400
4191125.17 | 1.01377 0.95694 0.90226 0.85139 0.80111 0.75558 0.71712
0.68569 0.65700
4191105.17 | 1.06847 1.00484 0.94652 0.89421 0.84664 0.79969 0.75913
0.72980 0.69937
4191085.17 | 1.12851 1.06153 1.00235 0.95073 0.90601 0.86569 0.82790
0.79884 0.77169
4191065.17 | 1.20291 1.13544 1.07712 1.02699 0.98354 0.94456 0.90935
0.87643 0.84727
4191045.17 | 1.30234 1.23356 1.17483 1.12467 1.07996 1.03930 1.00001
0.96019 0.92604
4191025.17 | 1.43416 1.36458 1.29971 1.24077 1.19060 1.14340 1.09847
1.05774 1.01892
4191005.17 | 1.59663 1.52091 1.44714 1.37840 1.32025 1.26231 1.20667
1.15754 1.10632
4190985.17 | 1.78889 1.69663 1.60976 1.52881 1.45877 1.38579 1.31493
1.24932 1.18502
4190965.17 | 2.00773 1.88901 1.77766 1.67460 1.58526 1.49490 1.40885
1.33025 1.25477
4190945.17 | 2.23302 2.08129 1.94140 1.81398 1.70044 1.59190 1.49165
1.40130 1.31594
4190925.17 | 2.44621 2.25985 2.09137 1.93899 1.80105 1.67607 1.56340
1.46291 1.36902
4190905.17 | 2.62096 2.40424 2.21143 2.03949 1.88575 1.74791 1.62474
1.51570 1.41457
4190885.17 | 2.76752 2.52551 2.31266 2.12469 1.95803 1.80967 1.67792
1.56189 1.45484
4190865.17 | 2.88831 2.62676 2.39843 2.19805 2.02134 1.86479 1.72704
1.60477 1.49304
4190845.17 | 2.97839 2.70906 2.47056 2.26150 2.07766 1.91519 1.77094
1.64262 1.52748

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PLAZA
***

INCLUDING SOURCE(S): L0000447 , L0000448 , L0000449 , L0000450 ,
L0000451 ,

Y-COORD (METERS)	X-COORD (METERS)							
	560457.30	560477.30	560497.30	560517.30	560537.30	560557.30	560577.30	560597.30	560617.30
4190825.17	3.00976	2.73536	2.49510	2.28489	2.10005	1.93668	1.79161	1.66222	1.54634
4190805.17	2.94142	2.67722	2.44705	2.24530	2.06750	1.91003	1.76989	1.64465	1.53226
4190785.17	2.77464	2.53319	2.32224	2.13683	1.97297	1.82745	1.69761	1.58126	1.47658
4190765.17	2.56557	2.34738	2.15665	1.98887	1.84048	1.70855	1.59071	1.48497	1.38971
4190745.17	2.38241	2.17969	2.00289	1.84771	1.71070	1.58912	1.48066	1.38347	1.29601
4190725.17	2.25975	2.06382	1.89336	1.74415	1.61281	1.49658	1.39319	1.30079	1.21784
4190705.17	2.19090	1.99746	1.82901	1.68163	1.55207	1.43761	1.33600	1.24539	1.16422
4190685.17	2.15112	1.96095	1.79417	1.64763	1.51853	1.40438	1.30306	1.21278	1.13200
4190665.17	2.11635	1.93417	1.77194	1.62781	1.49984	1.38613	1.28490	1.19456	1.11370
4190645.17	2.06804	1.90107	1.74869	1.61066	1.48626	1.37447	1.27414	1.18411	1.10324

Y-COORD (METERS)	X-COORD (METERS)							
	560637.30	560657.30	560677.30	560697.30	560717.30	560737.30	560757.30	560777.30	560797.30
4191625.17	0.18205	0.18262	0.18395	0.18567	0.18707	0.18826	0.18925	0.18990	0.19026
4191605.17	0.19064	0.19185	0.19355	0.19516	0.19581	0.19661	0.19745	0.19826	0.19922
4191585.17	0.19901	0.20070	0.20257	0.20405	0.20475	0.20543	0.20626	0.20784	0.20948
4191565.17	0.20944	0.21137	0.21315	0.21452	0.21579	0.21642	0.21707	0.21881	0.22104
4191545.17	0.22215	0.22403	0.22563	0.22702	0.22803	0.22894	0.23017	0.23187	0.23423
4191525.17	0.23664	0.23825	0.23997	0.24137	0.24183	0.24334	0.24544	0.24669	0.24853
4191505.17	0.25078	0.25211	0.25377	0.25559	0.25716	0.25911	0.26125		

0.26319 0.26373
4191485.17 | 0.26592 0.26715 0.26890 0.27126 0.27395 0.27643 0.27828
0.27916 0.27762
4191465.17 | 0.28239 0.28389 0.28590 0.28872 0.29221 0.29465 0.29535
0.29331 0.28952
4191445.17 | 0.30074 0.30286 0.30593 0.30923 0.31089 0.31166 0.31042
0.30589 0.29880
4191425.17 | 0.32214 0.32486 0.32805 0.33023 0.32931 0.32707 0.32254
0.31532 0.30557
4191405.17 | 0.34659 0.34928 0.35093 0.35037 0.34613 0.33980 0.33147
0.32230 0.31087
4191385.17 | 0.37227 0.37361 0.37261 0.36843 0.36015 0.35018 0.33892
0.32726 0.31432
4191365.17 | 0.39873 0.39701 0.39160 0.38274 0.37109 0.35843 0.34538
0.33254 0.31906
4191345.17 | 0.42408 0.41785 0.40711 0.39375 0.37992 0.36566 0.35173
0.33851 0.32525
4191325.17 | 0.44659 0.43528 0.42017 0.40369 0.38805 0.37287 0.35829
0.34380 0.33058
4191305.17 | 0.46448 0.44865 0.43080 0.41286 0.39623 0.38047 0.36536
0.34981 0.33590
4191285.17 | 0.47852 0.45947 0.44045 0.42215 0.40479 0.38833 0.37224
0.35612 0.34165
4191265.17 | 0.49237 0.47125 0.45099 0.43178 0.41357 0.39559 0.37840
0.36274 0.34851
4191245.17 | 0.50578 0.48323 0.46188 0.44170 0.42266 0.40363 0.38609
0.37128 0.35809
4191225.17 | 0.51946 0.49566 0.47328 0.45237 0.43305 0.41448 0.39741
0.38377 0.37193
4191205.17 | 0.53384 0.50906 0.48619 0.46538 0.44675 0.43008 0.41509
0.40165 0.39087
4191185.17 | 0.55003 0.52513 0.50282 0.48314 0.46601 0.45065 0.43707
0.42493 0.41535
4191165.17 | 0.57051 0.54667 0.52590 0.50793 0.49239 0.47733 0.46395
0.45322 0.44464
4191145.17 | 0.59854 0.57651 0.55746 0.54051 0.52415 0.51036 0.49800
0.48822 0.47803
4191125.17 | 0.63170 0.61278 0.59567 0.57989 0.56355 0.55010 0.53802
0.52670 0.51481
4191105.17 | 0.67178 0.65591 0.64065 0.62583 0.60964 0.59607 0.58281
0.56810 0.55374
4191085.17 | 0.74585 0.72244 0.70236 0.68313 0.66411 0.64604 0.62875
0.61101 0.59358
4191065.17 | 0.81980 0.79196 0.76688 0.74309 0.72128 0.69979 0.67821
0.65621 0.63465
4191045.17 | 0.89390 0.86277 0.83253 0.80359 0.77770 0.75147 0.72414
0.69727 0.67122
4191025.17 | 0.97977 0.94042 0.90234 0.86572 0.83045 0.79625 0.76337
0.73182 0.70164
4191005.17 | 1.05592 1.00753 0.96129 0.91720 0.87526 0.83544 0.79773
0.76206 0.72838
4190985.17 | 1.12420 1.06685 1.01288 0.96216 0.91457 0.86997 0.82820
0.78909 0.75248
4190965.17 | 1.18444 1.11907 1.05834 1.00192 0.94952 0.90084 0.85559
0.81350 0.77430
4190945.17 | 1.23733 1.16503 1.09846 1.03711 0.98049 0.92819 0.87982
0.83500 0.79342
4190925.17 | 1.28327 1.20495 1.13328 1.06758 1.00723 0.95171 0.90055
0.85332 0.80962
4190905.17 | 1.32274 1.23929 1.16328 1.09389 1.03039 0.97218 0.91870
0.86947 0.82407
4190885.17 | 1.35804 1.27042 1.19089 1.11852 1.05248 0.99210 0.93677
0.88595 0.83917
4190865.17 | 1.39230 1.30135 1.21898 1.14417 1.07605 1.01385 0.95694
0.90473 0.85672
4190845.17 | 1.42394 1.33057 1.24609 1.16943 1.09966 1.03600 0.97777
0.92438 0.87530

                          *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: PLAZA
***
                              INCLUDING SOURCE(S):   L0000447   , L0000448   , L0000449   , L0000450   ,
L0000451   ,
               L0000452   , L0000453   , L0000454   , L0000455   , L0000456   , L0000457   ,

                               *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                    ** CONC OF PM_10   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 560637.30   560657.30   560677.30   560697.30   560717.30   560737.30   560757.30
560777.30   560797.30
 -
- - - - - - - -

  4190825.17 | 1.44215   1.34816   1.26309   1.18586   1.11553   1.05134   0.99259
0.93869   0.88913
  4190805.17 | 1.43103   1.33954   1.25658   1.18114   1.11234   1.04944   0.99178
0.93880   0.89003
  4190785.17 | 1.38205   1.29640   1.21856   1.14759   1.08273   1.02329   0.96868
0.91841   0.87202
  4190765.17 | 1.30355   1.22537   1.15421   1.08923   1.02973   0.97511   0.92485
0.87849   0.83563
  4190745.17 | 1.21697   1.14530   1.08010   1.02059   0.96611   0.91611   0.87009
0.82765   0.78840
  4190725.17 | 1.14306   1.07541   1.01400   0.95807   0.90696   0.86015   0.81715
0.77755   0.74099
  4190705.17 | 1.09121   1.02529   0.96558   0.91130   0.86181   0.81657   0.77509
0.73698   0.70187
  4190685.17 | 1.05943   0.99399   0.93479   0.88103   0.83208   0.78737   0.74643
0.70885   0.67427
  4190665.17 | 1.04108   0.97565   0.91650   0.86284   0.81401   0.76944   0.72864
0.69121   0.65676
  4190645.17 | 1.03049   0.96491   0.90562   0.85187   0.80301   0.75845   0.71770
0.68033   0.64596

                          *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: PLAZA
***
                              INCLUDING SOURCE(S):   L0000447   , L0000448   , L0000449   , L0000450   ,
L0000451   ,
               L0000452   , L0000453   , L0000454   , L0000455   , L0000456   , L0000457   ,

                               *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                    ** CONC OF PM_10   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 560817.30   560837.30   560857.30   560877.30   560897.30   560917.30   560937.30
560957.30   560977.30
 -
- - - - - - - -

  4191625.17 | 0.19087   0.19218   0.19407   0.19637   0.19873   0.20069   0.20178
0.20163   0.20006
  4191605.17 | 0.20060   0.20256   0.20508   0.20763   0.20954   0.21048   0.21007

0.20815 0.20479
4191585.17 | 0.21152 0.21396 0.21671 0.21904 0.21980 0.21910 0.21679
0.21298 0.20798
4191565.17 | 0.22364 0.22653 0.22848 0.22922 0.22819 0.22546 0.22126
0.21618 0.21004
4191545.17 | 0.23676 0.23914 0.23965 0.23824 0.23504 0.23023 0.22434
0.21802 0.21125
4191525.17 | 0.25016 0.25097 0.24935 0.24561 0.24023 0.23369 0.22655
0.21931 0.21235
4191505.17 | 0.26256 0.26109 0.25732 0.25162 0.24396 0.23618 0.22851
0.22120 0.21444
4191485.17 | 0.27400 0.26950 0.26315 0.25546 0.24700 0.23865 0.23074
0.22391 0.21745
4191465.17 | 0.28378 0.27632 0.26736 0.25806 0.25005 0.24167 0.23374
0.22735 0.22098
4191445.17 | 0.29001 0.28075 0.27111 0.26165 0.25321 0.24519 0.23754
0.23020 0.22330
4191425.17 | 0.29481 0.28420 0.27449 0.26551 0.25661 0.24850 0.24076
0.23294 0.22556
4191405.17 | 0.29887 0.28753 0.27799 0.26932 0.25995 0.25143 0.24336
0.23543 0.22767
4191385.17 | 0.30149 0.29071 0.28162 0.27293 0.26361 0.25467 0.24605
0.23769 0.22969
4191365.17 | 0.30621 0.29524 0.28568 0.27651 0.26688 0.25754 0.24859
0.24014 0.23232
4191345.17 | 0.31253 0.30020 0.28989 0.28015 0.27008 0.26055 0.25170
0.24365 0.23646
4191325.17 | 0.31774 0.30472 0.29388 0.28387 0.27381 0.26463 0.25640
0.24916 0.24288
4191305.17 | 0.32277 0.30930 0.29839 0.28866 0.27920 0.27085 0.26360
0.25734 0.25197
4191285.17 | 0.32830 0.31497 0.30445 0.29577 0.28734 0.28007 0.27382
0.26841 0.26366
4191265.17 | 0.33564 0.32313 0.31319 0.30526 0.29876 0.29258 0.28703
0.28206 0.27750
4191245.17 | 0.34635 0.33504 0.32650 0.31963 0.31379 0.30812 0.30279
0.29781 0.29307
4191225.17 | 0.36152 0.35152 0.34424 0.33829 0.33202 0.32617 0.32063
0.31531 0.31016
4191205.17 | 0.38189 0.37411 0.36644 0.35913 0.35260 0.34636 0.34051
0.33549 0.32949
4191185.17 | 0.40713 0.39973 0.39148 0.38341 0.37627 0.36899 0.36213
0.35635 0.35001
4191165.17 | 0.43653 0.42759 0.41902 0.41074 0.40271 0.39410 0.38534
0.37796 0.37157
4191145.17 | 0.46823 0.45824 0.44856 0.43913 0.42990 0.42062 0.41128
0.40245 0.39513
4191125.17 | 0.50296 0.49141 0.48010 0.46897 0.45797 0.44752 0.43710
0.42691 0.41704
4191105.17 | 0.53968 0.52584 0.51218 0.49867 0.48553 0.47318 0.46135
0.44866 0.43576
4191085.17 | 0.57674 0.56129 0.54479 0.52852 0.51317 0.49742 0.48178
0.46653 0.45166
4191065.17 | 0.61352 0.59387 0.57392 0.55434 0.53542 0.51692 0.49907
0.48186 0.46533
4191045.17 | 0.64602 0.62171 0.59832 0.57587 0.55437 0.53381 0.51419
0.49508 0.47706
4191025.17 | 0.67285 0.64544 0.61940 0.59468 0.57125 0.54901 0.52756
0.50625 0.48773
4191005.17 | 0.69661 0.66666 0.63845 0.61188 0.58685 0.56306 0.53996
0.51736 0.49793
4190985.17 | 0.71820 0.68609 0.65600 0.62778 0.60129 0.57628 0.55187
0.52816 0.50707
4190965.17 | 0.73776 0.70366 0.67180 0.64200 0.61409 0.58792 0.56315
0.53766 0.51537
4190945.17 | 0.75477 0.71881 0.68530 0.65404 0.62483 0.59751 0.57185
0.54545 0.52206
4190925.17 | 0.76914 0.73157 0.69665 0.66416 0.63387 0.60560 0.57911
0.55191 0.52787

                           *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: PLAZA
***
                               INCLUDING SOURCE(S):   L0000447   , L0000448   , L0000449   , L0000450   ,
L0000451   ,
                L0000452   , L0000453   , L0000454   , L0000455   , L0000456   , L0000457   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 560817.30   560837.30   560857.30   560877.30   560897.30   560917.30   560937.30
560957.30   560977.30
 -
- - - - - - - -

  4190825.17 | 0.84345   0.80127   0.76224   0.72605   0.69244   0.66116   0.63202
0.60481   0.57867
  4190805.17 | 0.84501   0.80340   0.76484   0.72905   0.69577   0.66477   0.63585
0.60883   0.58287
  4190785.17 | 0.82913   0.78940   0.75252   0.71822   0.68627   0.65646   0.62861
0.60254   0.57746
  4190765.17 | 0.79594   0.75910   0.72485   0.69294   0.66316   0.63533   0.60927
0.58484   0.56144
  4190745.17 | 0.75204   0.71827   0.68686   0.65758   0.63023   0.60465   0.58068
0.55819   0.53697
  4190725.17 | 0.70717   0.67582   0.64668   0.61954   0.59423   0.57057   0.54843
0.52765   0.50814
  4190705.17 | 0.66946   0.63947   0.61166   0.58582   0.56177   0.53934   0.51838
0.49876   0.48037
  4190685.17 | 0.64238   0.61291   0.58563   0.56031   0.53679   0.51489   0.49446
0.47539   0.45754
  4190665.17 | 0.62501   0.59567   0.56850   0.54330   0.51989   0.49810   0.47779
0.45884   0.44112
  4190645.17 | 0.61428   0.58500   0.55788   0.53272   0.50933   0.48754   0.46722
0.44825   0.43050

                           *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: PLAZA
***
                               INCLUDING SOURCE(S):   L0000447   , L0000448   , L0000449   , L0000450   ,
L0000451   ,
                L0000452   , L0000453   , L0000454   , L0000455   , L0000456   , L0000457   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

Y-COORD (METERS)	X-COORD (METERS)							
	560997.30	561017.30	561037.30	561057.30	561077.30	561097.30	561117.30	561137.30	561157.30
4191625.17	0.19711	0.19285	0.18771	0.18219	0.17660	0.17129	0.16644	0.16205	0.15811
4191605.17	0.20024	0.19468	0.18882	0.18295	0.17736	0.17227	0.16774	0.16364	0.15989
4191585.17	0.20214	0.19555	0.18974	0.18430	0.17864	0.17381	0.16953	0.16558	0.16182
4191565.17	0.20349	0.19666	0.19095	0.18586	0.18080	0.17606	0.17161	0.16757	0.16359
4191545.17	0.20461	0.19828	0.19284	0.18790	0.18314	0.17832	0.17365	0.16933	0.16499
4191525.17	0.20598	0.20062	0.19535	0.19029	0.18546	0.18040	0.17537	0.17066	0.16593
4191505.17	0.20825	0.20270	0.19762	0.19262	0.18714	0.18188	0.17663	0.17155	0.16656
4191485.17	0.21127	0.20531	0.19984	0.19448	0.18877	0.18309	0.17751	0.17222	0.16717
4191465.17	0.21453	0.20788	0.20165	0.19570	0.19026	0.18423	0.17831	0.17307	0.16822
4191445.17	0.21662	0.20983	0.20323	0.19686	0.19087	0.18506	0.17953	0.17462	0.17023
4191425.17	0.21839	0.21137	0.20459	0.19814	0.19214	0.18665	0.18172	0.17717	0.17333
4191405.17	0.22015	0.21298	0.20627	0.20011	0.19456	0.18966	0.18532	0.18114	0.17787
4191385.17	0.22217	0.21524	0.20898	0.20343	0.19858	0.19440	0.19082	0.18760	0.18487
4191365.17	0.22524	0.21893	0.21341	0.20865	0.20455	0.20088	0.19768	0.19501	0.19260
4191345.17	0.23016	0.22470	0.22001	0.21598	0.21249	0.20899	0.20581	0.20327	0.20086
4191325.17	0.23748	0.23284	0.22882	0.22519	0.22154	0.21844	0.21550	0.21283	0.21022
4191305.17	0.24732	0.24324	0.23936	0.23567	0.23209	0.22875	0.22559	0.22268	0.22018
4191285.17	0.25940	0.25548	0.25124	0.24717	0.24378	0.23992	0.23528	0.23217	0.23071
4191265.17	0.27323	0.26916	0.26461	0.26020	0.25649	0.25230	0.24722	0.24169	0.23811
4191245.17	0.28850	0.28407	0.27913	0.27432	0.27029	0.26576	0.26043	0.25545	0.25031
4191225.17	0.30517	0.30032	0.29507	0.28972	0.28531	0.28036	0.27483	0.27077	0.26574
4191205.17	0.32336	0.31802	0.31267	0.30715	0.30146	0.29572	0.28959	0.28480	0.28059
4191185.17	0.34365	0.33756	0.33126	0.32487	0.31795	0.31136	0.30507	0.29918	0.29364
4191165.17	0.36534	0.35794	0.35010	0.34186	0.33367	0.32625	0.31914	0.31203	0.30494
4191145.17	0.38740	0.37719	0.36779	0.35863	0.34894	0.33967	0.33068	0.32239	0.31422
4191125.17	0.40656	0.39488	0.38327	0.37220	0.36152	0.35108	0.34105	0.33170	0.32260
4191105.17	0.42310	0.41036	0.39656	0.38307	0.37180	0.36087	0.35030	0.34011	0.33029
4191085.17	0.43726	0.42299	0.40781	0.39314	0.38089	0.36914	0.35786	0.34705	0.33671
4191065.17	0.44946	0.43399	0.41837	0.40329	0.38910	0.37655	0.36503	0.35375	0.34298
4191045.17	0.46018	0.44395	0.42889	0.41370	0.39680	0.38355	0.37203	0.36029	0.34911
4191025.17	0.47039	0.45178	0.43647	0.42263	0.40724	0.39203	0.37778	0.36636	0.35488

```
  4191005.17 |       0.47976      0.46034      0.44454      0.42990      0.41493      0.39907      0.38391
0.37185      0.35992
  4190985.17 |       0.48763      0.46928      0.45193      0.43552      0.41997      0.40439      0.38965
0.37646      0.36392
  4190965.17 |       0.49509      0.47597      0.45732      0.43953      0.42350      0.40867      0.39461
0.38095      0.36754
  4190945.17 |       0.50107      0.48065      0.46123      0.44317      0.42729      0.41244      0.39820
0.38421      0.37051
  4190925.17 |       0.50609      0.48429      0.46494      0.44756      0.43194      0.41642      0.40141
0.38721      0.37379
  4190905.17 |       0.51204      0.48985      0.47084      0.45378      0.43808      0.42172      0.40577
0.39140      0.37783
  4190885.17 |       0.52000      0.49815      0.47924      0.46228      0.44566      0.42843      0.41205
0.39748      0.38370
  4190865.17 |       0.53066      0.50931      0.49040      0.47258      0.45475      0.43718      0.42029
0.40560      0.39155
  4190845.17 |       0.54256      0.52191      0.50181      0.48290      0.46468      0.44733      0.43097
0.41636      0.40197
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

  PAGE 879
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

                           *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: PLAZA
***
                               INCLUDING SOURCE(S):     L0000447    , L0000448    , L0000449    , L0000450    ,
L0000451    ,
               L0000452    , L0000453    , L0000454    , L0000455    , L0000456    , L0000457    ,

                                *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10    IN MICROGRAMS/M**3                          **

    Y-COORD  |                                          X-COORD (METERS)
    (METERS) |     560997.30    561017.30    561037.30    561057.30    561077.30    561097.30    561117.30
561137.30    561157.30
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

  4190825.17 |       0.55252      0.53200      0.51184      0.49236      0.47384      0.45638      0.43998
0.42455      0.40984
  4190805.17 |       0.55691      0.53642      0.51658      0.49709      0.47858      0.46113      0.44465
0.42908      0.41435
  4190785.17 |       0.55238      0.53249      0.51321      0.49427      0.47626      0.45925      0.44318
0.42797      0.41356
  4190765.17 |       0.53858      0.51919      0.50080      0.48289      0.46585      0.44972      0.43446
0.42000      0.40628
  4190745.17 |       0.51650      0.49779      0.48054      0.46404      0.44824      0.43327      0.41910
0.40564      0.39286
  4190725.17 |       0.48965      0.47126      0.45534      0.44063      0.42625      0.41245      0.39938
0.38697      0.37518
  4190705.17 |       0.46307      0.44544      0.43037      0.41680      0.40356      0.39070      0.37852
0.36697      0.35600
  4190685.17 |       0.44079      0.42385      0.40930      0.39619      0.38345      0.37116      0.35951
0.34850      0.33807
  4190665.17 |       0.42451      0.40785      0.39344      0.38024      0.36716      0.35551      0.34430
0.33351      0.32331
  4190645.17 |       0.41387      0.39760      0.38302      0.36942      0.35564      0.34431      0.33347
0.32267      0.31248
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

  PAGE 880
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*
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*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PLAZA ***

INCLUDING SOURCE(S): L0000447 , L0000448 , L0000449 , L0000450 , L0000451 ,
L0000452 , L0000453 , L0000454 , L0000455 , L0000456 , L0000457 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	561177.30	561197.30	561217.30	561237.30	561257.30	561277.30	561297.30	561317.30	561337.30
4191625.17	0.15453	0.15120	0.14802	0.14488	0.14172	0.13850	0.13523	0.13192	0.12840
4191605.17	0.15637	0.15295	0.14956	0.14613	0.14264	0.13912	0.13557	0.13206	0.12842
4191585.17	0.15814	0.15446	0.15074	0.14697	0.14317	0.13940	0.13569	0.13210	0.12849
4191565.17	0.15960	0.15556	0.15149	0.14743	0.14342	0.13954	0.13582	0.13233	0.12890
4191545.17	0.16062	0.15624	0.15191	0.14769	0.14364	0.13982	0.13627	0.13304	0.12994
4191525.17	0.16125	0.15666	0.15224	0.14805	0.14415	0.14059	0.13738	0.13455	0.13186
4191505.17	0.16172	0.15713	0.15283	0.14889	0.14534	0.14219	0.13943	0.13705	0.13480
4191485.17	0.16243	0.15806	0.15422	0.15076	0.14758	0.14487	0.14259	0.14052	0.13877
4191465.17	0.16383	0.15991	0.15669	0.15391	0.15104	0.14870	0.14679	0.14489	0.14362
4191445.17	0.16637	0.16302	0.16003	0.15741	0.15520	0.15323	0.15149	0.15045	0.14925
4191425.17	0.17009	0.16714	0.16465	0.16255	0.16058	0.15854	0.15697	0.15630	0.15501
4191405.17	0.17513	0.17219	0.17052	0.16887	0.16666	0.16468	0.16337	0.16228	0.16077
4191385.17	0.18253	0.18028	0.17792	0.17573	0.17443	0.17274	0.17099	0.16929	0.16747
4191365.17	0.19037	0.18824	0.18589	0.18364	0.18215	0.18031	0.17829	0.17629	0.17433
4191345.17	0.19852	0.19622	0.19431	0.19239	0.19013	0.18791	0.18574	0.18363	0.18158
4191325.17	0.20765	0.20510	0.20299	0.20090	0.19848	0.19613	0.19385	0.19165	0.18952
4191305.17	0.21772	0.21495	0.21234	0.20988	0.20750	0.20511	0.20271	0.20038	0.19809
4191285.17	0.22862	0.22575	0.22254	0.21950	0.21722	0.21481	0.21219	0.20959	0.20699
4191265.17	0.23533	0.23383	0.23282	0.23061	0.22688	0.22424	0.22180	0.21836	0.21544
4191245.17	0.24624	0.24385	0.24369	0.24148	0.23622	0.23321	0.23024	0.22651	0.22332
4191225.17	0.26047	0.25658	0.25456	0.25151	0.24497	0.24018	0.23608	0.23312	0.23010
4191205.17	0.27600	0.27103	0.26602	0.26069	0.25485	0.24823	0.24202	0.23807	0.23575
4191185.17	0.28804	0.28204	0.27572	0.26925	0.26239	0.25450	0.24778	0.24280	0.24065
4191165.17	0.29789	0.29091	0.28401	0.27690	0.26709	0.25973	0.25358	0.24739	0.24491
4191145.17	0.30633	0.29906	0.29115	0.28292	0.27211	0.26655	0.26137	0.25389	0.24912
4191125.17	0.31390	0.30582	0.29709	0.28846	0.27998	0.27323	0.26672	0.25951	0.25330

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PLAZA ***

INCLUDING SOURCE(S): L0000447 , L0000448 , L0000449 , L0000450 , L0000451 ,
L0000452 , L0000453 , L0000454 , L0000455 , L0000456 , L0000457 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)						
	561177.30	561197.30	561217.30	561237.30	561257.30	561277.30	561297.30	561317.30	561337.30
4191105.17	0.32084	0.31176	0.30258	0.29380	0.28644	0.27895	0.27157	0.26448	0.25769
4191085.17	0.32682	0.31735	0.30818	0.29929	0.29123	0.28339	0.27588	0.26905	0.26187
4191065.17	0.33270	0.32289	0.31352	0.30456	0.29600	0.28780	0.28005	0.27319	0.26586
4191045.17	0.33845	0.32828	0.31858	0.30930	0.30044	0.29195	0.28403	0.27682	0.26951
4191025.17	0.34381	0.33325	0.32317	0.31355	0.30435	0.29588	0.28786	0.27997	0.27230
4191005.17	0.34841	0.33744	0.32724	0.31749	0.30794	0.29915	0.29074	0.28237	0.27437
4190985.17	0.35201	0.34067	0.33051	0.32081	0.31094	0.30154	0.29256	0.28398	0.27579
4190965.17	0.35483	0.34388	0.33304	0.32272	0.31265	0.30306	0.29391	0.28519	0.27687
4190945.17	0.35768	0.34637	0.33548	0.32486	0.31439	0.30456	0.29531	0.28651	0.27811
4190925.17	0.36108	0.34904	0.33817	0.32783	0.31674	0.30670	0.29739	0.28852	0.28007
4190905.17	0.36498	0.35281	0.34101	0.32981	0.31982	0.31007	0.30068	0.29173	0.28321
4190885.17	0.37067	0.35833	0.34649	0.33527	0.32487	0.31498	0.30546	0.29638	0.28774
4190865.17	0.37825	0.36566	0.35428	0.34334	0.33177	0.32129	0.31145	0.30232	0.29350
4190845.17	0.38829	0.37533	0.36259	0.35014	0.33887	0.32744	0.31706	0.30922	0.30029
4190825.17	0.39591	0.38273	0.37007	0.35751	0.34564	0.33401	0.32333	0.31453	0.30567
4190805.17	0.40040	0.38718	0.37464	0.36272	0.35025	0.33906	0.32865	0.31751	0.30876
4190785.17	0.39990	0.38695	0.37464	0.36293	0.35070	0.33968	0.32965	0.32019	0.31002
4190765.17	0.39326	0.38088	0.36911	0.35791	0.34652	0.33582	0.32605	0.31755	0.30763
4190745.17	0.38071	0.36915	0.35815	0.34766	0.33744	0.32734	0.31774	0.30965	0.30104
4190725.17	0.36396	0.35329	0.34312	0.33342	0.32416	0.31490	0.30551	0.29673	0.28870
4190705.17	0.34558	0.33568	0.32624	0.31725	0.30868	0.30039	0.29192	0.28335	0.27557
4190685.17	0.32818	0.31879	0.30987	0.30139	0.29331	0.28560	0.27824	0.27049	0.26281
4190665.17	0.31366	0.30452	0.29585	0.28762	0.27981	0.27238	0.26530		

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PLAZA
***
INCLUDING SOURCE(S): L0000447 , L0000448 , L0000449 , L0000450 ,
L0000451 ,
L0000452 , L0000453 , L0000454 , L0000455 , L0000456 , L0000457 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)		
	561357.30	561377.30	561397.30
4191625.17	0.12494	0.12177	0.11873
4191605.17	0.12492	0.12180	0.11889
4191585.17	0.12510	0.12218	0.11952
4191565.17	0.12577	0.12316	0.12086
4191545.17	0.12718	0.12497	0.12307
4191525.17	0.12953	0.12772	0.12618
4191505.17	0.13287	0.13140	0.13014
4191485.17	0.13726	0.13592	0.13474
4191465.17	0.14252	0.14100	0.13975
4191445.17	0.14799	0.14637	0.14499
4191425.17	0.15352	0.15186	0.15035
4191405.17	0.15915	0.15752	0.15589
4191385.17	0.16567	0.16389	0.16200
4191365.17	0.17241	0.17056	0.16848
4191345.17	0.17960	0.17769	0.17555
4191325.17	0.18746	0.18544	0.18316
4191305.17	0.19584	0.19359	0.19116
4191285.17	0.20438	0.20175	0.19908
4191265.17	0.21262	0.20945	0.20623
4191245.17	0.22010	0.21631	0.21236
4191225.17	0.22656	0.22215	0.21741
4191205.17	0.23197	0.22701	0.22178
4191185.17	0.23648	0.23132	0.22578
4191165.17	0.24047	0.23531	0.22963
4191145.17	0.24417	0.23917	0.23328
4191125.17	0.24781	0.24273	0.23675
4191105.17	0.25143	0.24621	0.24015
4191085.17	0.25506	0.24969	0.24370
4191065.17	0.25883	0.25309	0.24691
4191045.17	0.26241	0.25610	0.24962
4191025.17	0.26495	0.25843	0.25173
4191005.17	0.26680	0.26009	0.25320
4190985.17	0.26805	0.26119	0.25417
4190965.17	0.26902	0.26208	0.25498
4190945.17	0.27020	0.26322	0.25607
4190925.17	0.27211	0.26510	0.25792
4190905.17	0.27508	0.26753	0.26050
4190885.17	0.27950	0.27164	0.26460
4190865.17	0.28509	0.27706	0.26988
4190845.17	0.29125	0.28304	0.27568

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PLAZA ***

INCLUDING SOURCE(S): L0000447 , L0000448 , L0000449 , L0000450 , L0000451 ,
L0000452 , L0000453 , L0000454 , L0000455 , L0000456 , L0000457 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)		
	561357.30	561377.30	561397.30
4190825.17	0.29701	0.28864	0.28112
4190805.17	0.30099	0.29256	0.28498
4190785.17	0.30033	0.29294	0.28574
4190765.17	0.29777	0.29007	0.28313
4190745.17	0.29245	0.28379	0.27697
4190725.17	0.28136	0.27474	0.26813
4190705.17	0.26862	0.26298	0.25686
4190685.17	0.25577	0.25013	0.24470
4190665.17	0.24459	0.23823	0.23286
4190645.17	0.23487	0.22866	0.22315

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PLAZA ***

INCLUDING SOURCE(S): L0000447 , L0000448 , L0000449 , L0000450 , L0000451 ,
L0000452 , L0000453 , L0000454 , L0000455 , L0000456 , L0000457 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
560122.00	4190978.00	5.69529	560142.00	4190978.00	5.38119
560162.00	4190978.00	5.09752	560182.00	4190978.00	4.86555
560202.00	4190978.00	4.64646	560222.00	4190978.00	4.39311
560242.00	4190978.00	4.09530	560262.00	4190978.00	3.77797
560102.00	4190998.00	4.68111	560122.00	4190998.00	4.52909
560142.00	4190998.00	4.30488	560162.00	4190998.00	4.07734
560182.00	4190998.00	3.89477	560202.00	4190998.00	3.75856
560222.00	4190998.00	3.62845	560242.00	4190998.00	3.46803
560262.00	4190998.00	3.26894	560282.00	4190998.00	3.04415

560302.00	4190998.00	2.80953	560322.00	4190998.00	2.58957
560102.00	4191018.00	3.77387	560122.00	4191018.00	3.68703
560142.00	4191018.00	3.53696	560162.00	4191018.00	3.35683
560182.00	4191018.00	3.19191	560202.00	4191018.00	3.07443
560222.00	4191018.00	2.99409	560242.00	4191018.00	2.91515
560262.00	4191018.00	2.80996	560282.00	4191018.00	2.67150
560302.00	4191018.00	2.50772	560322.00	4191018.00	2.33301
560342.00	4191018.00	2.16175	560362.00	4191018.00	2.00420
560382.00	4191018.00	1.86517	560402.00	4191018.00	1.74487
560102.00	4191038.00	3.10960	560122.00	4191038.00	3.05455
560142.00	4191038.00	2.95966	560162.00	4191038.00	2.82799
560182.00	4191038.00	2.68352	560202.00	4191038.00	2.56548
560222.00	4191038.00	2.49099	560242.00	4191038.00	2.44384
560262.00	4191038.00	2.39510	560282.00	4191038.00	2.32451
560302.00	4191038.00	2.22620	560322.00	4191038.00	2.10489
560342.00	4191038.00	1.97074	560362.00	4191038.00	1.83513
560382.00	4191038.00	1.70714	560402.00	4191038.00	1.59199
560422.00	4191038.00	1.49102	560442.00	4191038.00	1.40406
560462.00	4191038.00	1.32866	560082.00	4191058.00	2.59325
560102.00	4191058.00	2.60161	560122.00	4191058.00	2.56850
560142.00	4191058.00	2.50877	560162.00	4191058.00	2.42014
560182.00	4191058.00	2.30454	560202.00	4191058.00	2.19042
560222.00	4191058.00	2.10781	560242.00	4191058.00	2.06163
560262.00	4191058.00	2.03441	560282.00	4191058.00	2.00408
560302.00	4191058.00	1.95597	560322.00	4191058.00	1.88505
560342.00	4191058.00	1.79385	560362.00	4191058.00	1.68954
560382.00	4191058.00	1.58099	560402.00	4191058.00	1.47592
560422.00	4191058.00	1.37934	560442.00	4191058.00	1.29344
560462.00	4191058.00	1.21846	560082.00	4191078.00	2.19475
560102.00	4191078.00	2.21013	560122.00	4191078.00	2.18895
560142.00	4191078.00	2.14889	560162.00	4191078.00	2.09224

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PLAZA ***

INCLUDING SOURCE(S): L0000447 , L0000448 , L0000449 , L0000450 , L0000451 ,
L0000452 , L0000453 , L0000454 , L0000455 , L0000456 , L0000457 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
560182.00	4191078.00	2.00854	560202.00	4191078.00	1.90835
560222.00	4191078.00	1.82057	560242.00	4191078.00	1.76429
560262.00	4191078.00	1.73653	560282.00	4191078.00	1.72138
560302.00	4191078.00	1.70260	560322.00	4191078.00	1.66951
560342.00	4191078.00	1.61774	560362.00	4191078.00	1.54837
560382.00	4191078.00	1.46641	560402.00	4191078.00	1.37875
560422.00	4191078.00	1.29185	560442.00	4191078.00	1.21025
560462.00	4191078.00	1.13638	560482.00	4191078.00	1.07101
560502.00	4191078.00	1.01399	560082.00	4191098.00	1.88163
560102.00	4191098.00	1.90164	560122.00	4191098.00	1.88841
560142.00	4191098.00	1.85860	560162.00	4191098.00	1.82196
560182.00	4191098.00	1.76651	560202.00	4191098.00	1.68737
560222.00	4191098.00	1.60296	560242.00	4191098.00	1.53749
560262.00	4191098.00	1.50030	560282.00	4191098.00	1.48439
560302.00	4191098.00	1.47657	560322.00	4191098.00	1.46521
560342.00	4191098.00	1.44243	560362.00	4191098.00	1.40438
560382.00	4191098.00	1.35112	560402.00	4191098.00	1.28611
560422.00	4191098.00	1.21474	560442.00	4191098.00	1.14239
560462.00	4191098.00	1.07312	560482.00	4191098.00	1.00930
560502.00	4191098.00	0.95192	560522.00	4191098.00	0.90116
560062.00	4191118.00	1.59365	560082.00	4191118.00	1.63110
560102.00	4191118.00	1.65406	560122.00	4191118.00	1.64705
560142.00	4191118.00	1.62291	560162.00	4191118.00	1.59683
560182.00	4191118.00	1.56213	560202.00	4191118.00	1.50577
560222.00	4191118.00	1.43284	560242.00	4191118.00	1.36419
560262.00	4191118.00	1.31688	560282.00	4191118.00	1.29317
560302.00	4191118.00	1.28479	560322.00	4191118.00	1.28147
560342.00	4191118.00	1.27500	560362.00	4191118.00	1.25946

560382.00	4191118.00	1.23138	560402.00	4191118.00	1.19017
560422.00	4191118.00	1.13816	560442.00	4191118.00	1.07959
560462.00	4191118.00	1.01900	560482.00	4191118.00	0.95996
560502.00	4191118.00	0.90466	560522.00	4191118.00	0.85400
560062.00	4191138.00	1.39319	560082.00	4191138.00	1.42753
560102.00	4191138.00	1.45215	560122.00	4191138.00	1.45039
560142.00	4191138.00	1.43023	560162.00	4191138.00	1.40888
560182.00	4191138.00	1.38688	560202.00	4191138.00	1.35038
560222.00	4191138.00	1.29368	560242.00	4191138.00	1.22905
560262.00	4191138.00	1.17517	560282.00	4191138.00	1.14209
560302.00	4191138.00	1.12771	560322.00	4191138.00	1.12406
560342.00	4191138.00	1.12351	560362.00	4191138.00	1.12028

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PLAZA ***

INCLUDING SOURCE(S): L0000447 , L0000448 , L0000449 , L0000450 , L0000451 ,
L0000452 , L0000453 , L0000454 , L0000455 , L0000456 , L0000457 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
560382.00	4191138.00	1.10988	560402.00	4191138.00	1.08914
560422.00	4191138.00	1.05708	560442.00	4191138.00	1.01517
560462.00	4191138.00	0.96677	560482.00	4191138.00	0.91570
560502.00	4191138.00	0.86518	560062.00	4191158.00	1.22863
560082.00	4191158.00	1.25990	560102.00	4191158.00	1.28517
560122.00	4191158.00	1.28786	560142.00	4191158.00	1.27130
560162.00	4191158.00	1.25187	560182.00	4191158.00	1.23619
560202.00	4191158.00	1.21418	560222.00	4191158.00	1.17446
560242.00	4191158.00	1.11966	560262.00	4191158.00	1.06467
560282.00	4191158.00	1.02380	560302.00	4191158.00	1.00150
560322.00	4191158.00	0.99343	560342.00	4191158.00	0.99270
560362.00	4191158.00	0.99382	560382.00	4191158.00	0.99274

560402.00	4191158.00	0.98601	560422.00	4191158.00	0.97078
560442.00	4191158.00	0.94575	560462.00	4191158.00	0.91178
560482.00	4191158.00	0.87150	560502.00	4191158.00	0.82685
560062.00	4191178.00	1.09451	560082.00	4191178.00	1.12037
560102.00	4191178.00	1.14539	560122.00	4191178.00	1.15173
560142.00	4191178.00	1.13881	560162.00	4191178.00	1.12044
560182.00	4191178.00	1.10702	560202.00	4191178.00	1.09389
560222.00	4191178.00	1.06876	560242.00	4191178.00	1.02680
560322.00	4191178.00	0.88680	560342.00	4191178.00	0.88290
560362.00	4191178.00	0.88391	560382.00	4191178.00	0.88598
560402.00	4191178.00	0.88635	560422.00	4191178.00	0.88230
560442.00	4191178.00	0.87123	560462.00	4191178.00	0.85167
560482.00	4191178.00	0.82400	560502.00	4191178.00	0.78727
560062.00	4191198.00	0.98016	560082.00	4191198.00	1.00260
560102.00	4191198.00	1.02718	560122.00	4191198.00	1.03635
560142.00	4191198.00	1.02710	560162.00	4191198.00	1.00990
560182.00	4191198.00	0.99668	560202.00	4191198.00	0.98789
560222.00	4191198.00	0.97342	560362.00	4191198.00	0.79074
560382.00	4191198.00	0.79274	560402.00	4191198.00	0.79535
560422.00	4191198.00	0.79668	560442.00	4191198.00	0.79458
560462.00	4191198.00	0.78669	560482.00	4191198.00	0.77147
560042.00	4191218.00	0.88505	560062.00	4191218.00	0.88231
560082.00	4191218.00	0.90278	560102.00	4191218.00	0.92633
560122.00	4191218.00	0.93757	560142.00	4191218.00	0.93183
560162.00	4191218.00	0.91625	560182.00	4191218.00	0.90257
560202.00	4191218.00	0.89507	560222.00	4191218.00	0.88721
560342.00	4191218.00	0.71738	560362.00	4191218.00	0.71258
560382.00	4191218.00	0.71304	560402.00	4191218.00	0.71555

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PLAZA ***

INCLUDING SOURCE(S): L0000447 , L0000448 , L0000449 , L0000450 , L0000451 ,

L0000452 , L0000453 , L0000454 , L0000455 , L0000456 , L0000457 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
560422.00	4191218.00	0.71843	560442.00	4191218.00	0.72040
560462.00	4191218.00	0.71982	560482.00	4191218.00	0.71386
560082.00	4191238.00	0.81733	560102.00	4191238.00	0.83962
560122.00	4191238.00	0.85225	560142.00	4191238.00	0.84970
560162.00	4191238.00	0.83620	560182.00	4191238.00	0.82215
560202.00	4191238.00	0.81427	560222.00	4191238.00	0.80970
560342.00	4191238.00	0.65695	560362.00	4191238.00	0.64750
560382.00	4191238.00	0.64539	560402.00	4191238.00	0.64686
560422.00	4191238.00	0.64960	560442.00	4191238.00	0.65257
560462.00	4191238.00	0.65499	560182.00	4191258.00	0.75313
560202.00	4191258.00	0.74421	560322.00	4191258.00	0.63332
560342.00	4191258.00	0.60853	560362.00	4191258.00	0.59400
560382.00	4191258.00	0.58828	560402.00	4191258.00	0.58795
560422.00	4191258.00	0.59000	560442.00	4191258.00	0.59280
560462.00	4191258.00	0.59550	560322.00	4191278.00	0.59709
560342.00	4191278.00	0.56982	560362.00	4191278.00	0.55067
560382.00	4191278.00	0.54064	560402.00	4191278.00	0.53760
560422.00	4191278.00	0.53842	560442.00	4191278.00	0.54069
559982.00	4191298.00	0.70900	560002.00	4191298.00	0.66982
560022.00	4191298.00	0.63113	560042.00	4191298.00	0.60994
560062.00	4191298.00	0.60967	560302.00	4191298.00	0.59207
560322.00	4191298.00	0.56571	560342.00	4191298.00	0.53835
560362.00	4191298.00	0.51592	560382.00	4191298.00	0.50157
560402.00	4191298.00	0.49500	560422.00	4191298.00	0.49383
560442.00	4191298.00	0.49472	559962.00	4191318.00	0.67039
559982.00	4191318.00	0.65301	560002.00	4191318.00	0.61512
560022.00	4191318.00	0.58030	560042.00	4191318.00	0.56177
560062.00	4191318.00	0.56181	560082.00	4191318.00	0.57475
560102.00	4191318.00	0.59165	560122.00	4191318.00	0.60523
560142.00	4191318.00	0.61092	560162.00	4191318.00	0.60696

560302.00	4191318.00	0.55820	560322.00	4191318.00	0.53708
560342.00	4191318.00	0.51177	560362.00	4191318.00	0.48792
560382.00	4191318.00	0.46999	560402.00	4191318.00	0.45958
560422.00	4191318.00	0.45560	559962.00	4191338.00	0.62436
559982.00	4191338.00	0.60295	560002.00	4191338.00	0.56681
560022.00	4191338.00	0.53553	560042.00	4191338.00	0.51927
560062.00	4191338.00	0.51956	560082.00	4191338.00	0.53143
560102.00	4191338.00	0.54713	560122.00	4191338.00	0.56031
560142.00	4191338.00	0.56696	560162.00	4191338.00	0.56502
560182.00	4191338.00	0.55588	560202.00	4191338.00	0.54482

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PLAZA ***

INCLUDING SOURCE(S): L0000447 , L0000448 , L0000449 , L0000450 , L0000451 ,
L0000452 , L0000453 , L0000454 , L0000455 , L0000456 , L0000457 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
560222.00	4191338.00	0.53731	560242.00	4191338.00	0.53497
560302.00	4191338.00	0.52541	560322.00	4191338.00	0.50982
560342.00	4191338.00	0.48815	560362.00	4191338.00	0.46478
560382.00	4191338.00	0.44460	560402.00	4191338.00	0.43065
560422.00	4191338.00	0.42338	559962.00	4191358.00	0.58197
559982.00	4191358.00	0.55802	560002.00	4191358.00	0.52397
560022.00	4191358.00	0.49590	560042.00	4191358.00	0.48161
560062.00	4191358.00	0.48209	560082.00	4191358.00	0.49301
560102.00	4191358.00	0.50759	560122.00	4191358.00	0.52026
560142.00	4191358.00	0.52756	560162.00	4191358.00	0.52733
560182.00	4191358.00	0.51995	560202.00	4191358.00	0.50940
560222.00	4191358.00	0.50102	560242.00	4191358.00	0.49752
560262.00	4191358.00	0.49762	560282.00	4191358.00	0.49766
560302.00	4191358.00	0.49375	560322.00	4191358.00	0.48326

560342.00	4191358.00	0.46604	560362.00	4191358.00	0.44480
560382.00	4191358.00	0.42397	560402.00	4191358.00	0.40730
559962.00	4191378.00	0.54299	559982.00	4191378.00	0.51763
560002.00	4191378.00	0.48584	560022.00	4191378.00	0.46066
560042.00	4191378.00	0.44806	560062.00	4191378.00	0.44869
560082.00	4191378.00	0.45877	560102.00	4191378.00	0.47231
560122.00	4191378.00	0.48443	560142.00	4191378.00	0.49210
560162.00	4191378.00	0.49330	560182.00	4191378.00	0.48764
560202.00	4191378.00	0.47794	560222.00	4191378.00	0.46904
560242.00	4191378.00	0.46436	560262.00	4191378.00	0.46383
560282.00	4191378.00	0.46470	560302.00	4191378.00	0.46349
560322.00	4191378.00	0.45724	560342.00	4191378.00	0.44459
559982.00	4191398.00	0.48126	560002.00	4191398.00	0.45179
560022.00	4191398.00	0.42919	560042.00	4191398.00	0.41805
560062.00	4191398.00	0.41879	560082.00	4191398.00	0.42811
560102.00	4191398.00	0.44071	560122.00	4191398.00	0.45224
560142.00	4191398.00	0.46010	560162.00	4191398.00	0.46243
560182.00	4191398.00	0.45841	560202.00	4191398.00	0.44979
560222.00	4191398.00	0.44073	560242.00	4191398.00	0.43500
560262.00	4191398.00	0.43354	560282.00	4191398.00	0.43455
559982.00	4191418.00	0.44856	560002.00	4191418.00	0.42134
560022.00	4191418.00	0.40103	560042.00	4191418.00	0.39109
560062.00	4191418.00	0.39191	560082.00	4191418.00	0.40055
560102.00	4191418.00	0.41229	560122.00	4191418.00	0.42324
560142.00	4191418.00	0.43113	560162.00	4191418.00	0.43434
560182.00	4191418.00	0.43179	560202.00	4191418.00	0.42440

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PLAZA ***

INCLUDING SOURCE(S): L0000447 , L0000448 , L0000449 , L0000450 , L0000451 ,
L0000452 , L0000453 , L0000454 , L0000455 , L0000456 , L0000457 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
560222.00	4191418.00	0.41551	560242.00	4191418.00	0.40896
560262.00	4191418.00	0.40645	560002.00	4191438.00	0.39303
560022.00	4191438.00	0.37556	560042.00	4191438.00	0.36681
560062.00	4191438.00	0.36766	560082.00	4191438.00	0.37568
560102.00	4191438.00	0.38665	560122.00	4191438.00	0.39703
560142.00	4191438.00	0.40483	560162.00	4191438.00	0.40869
560182.00	4191438.00	0.40744	560202.00	4191438.00	0.40133
560222.00	4191438.00	0.39290	560242.00	4191438.00	0.38578
560262.00	4191438.00	0.38227	560042.00	4191458.00	0.34411
560062.00	4191458.00	0.34573	560082.00	4191458.00	0.35317
560102.00	4191458.00	0.36343	560122.00	4191458.00	0.37326
560142.00	4191458.00	0.38090	560162.00	4191458.00	0.38522
560182.00	4191458.00	0.38507	560202.00	4191458.00	0.38023
560222.00	4191458.00	0.37248	560242.00	4191458.00	0.36508
560262.00	4191458.00	0.36065	560142.00	4191478.00	0.35906
560162.00	4191478.00	0.36376	560182.00	4191478.00	0.36453
560202.00	4191478.00	0.36088	560222.00	4191478.00	0.35390
560242.00	4191478.00	0.34648	560155.00	4190663.00	4.31330
560175.00	4190663.00	4.44824	560115.00	4190683.00	5.75244
560135.00	4190683.00	5.73572	560155.00	4190683.00	5.96588
560175.00	4190683.00	6.18587	560095.00	4190703.00	8.26180
560115.00	4190703.00	8.10200	560135.00	4190703.00	8.34622
560155.00	4190703.00	8.68676	560175.00	4190703.00	8.72035
560095.00	4190723.00	12.57122	560115.00	4190723.00	12.70737
560135.00	4190723.00	12.97655	560155.00	4190723.00	12.83260
560175.00	4190723.00	12.07004	560195.00	4190723.00	10.98664
560095.00	4190743.00	22.33643	560115.00	4190743.00	21.73415
560135.00	4190743.00	20.48413	560155.00	4190743.00	18.43086
560175.00	4190743.00	15.97799	560195.00	4190743.00	13.62232
560075.00	4190763.00	52.78857	560095.00	4190763.00	45.24463
560115.00	4190763.00	37.87749	560135.00	4190763.00	31.13854
560155.00	4190763.00	25.09382	560175.00	4190763.00	20.09079
560195.00	4190763.00	16.18399	560215.00	4190763.00	13.17022

560075.00	4190783.00	72.68316	560095.00	4190783.00	92.14407
560115.00	4190783.00	62.20082	560135.00	4190783.00	44.12623
560155.00	4190783.00	32.31012	560175.00	4190783.00	24.30160
560195.00	4190783.00	18.80556	560215.00	4190783.00	14.92015
560235.00	4190783.00	12.09890	560075.00	4190803.00	65.32583
560095.00	4190803.00	111.54491	560115.00	4190803.00	86.20021
560135.00	4190803.00	55.70310	560155.00	4190803.00	38.65087

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PLAZA ***

INCLUDING SOURCE(S): L0000447 , L0000448 , L0000449 , L0000450 , L0000451 ,
L0000452 , L0000453 , L0000454 , L0000455 , L0000456 , L0000457 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
560175.00	4190803.00	28.10105	560195.00	4190803.00	21.30249
560215.00	4190803.00	16.68741	560235.00	4190803.00	13.42100
560255.00	4190803.00	11.03070	560275.00	4190803.00	9.22995
560075.00	4190823.00	121.16048	560095.00	4190823.00	160.73766
560115.00	4190823.00	91.91134	560135.00	4190823.00	58.83386
560155.00	4190823.00	40.71561	560175.00	4190823.00	29.76534
560195.00	4190823.00	22.60364	560215.00	4190823.00	17.69513
560235.00	4190823.00	14.21230	560255.00	4190823.00	11.65499
560275.00	4190823.00	9.72406	560295.00	4190823.00	8.23157
560315.00	4190823.00	7.06205	560115.00	4190843.00	76.66266
560135.00	4190843.00	51.61928	560155.00	4190843.00	37.00133
560175.00	4190843.00	27.81476	560195.00	4190843.00	21.56857
560215.00	4190843.00	17.14322	560235.00	4190843.00	13.89911
560255.00	4190843.00	11.47256	560275.00	4190843.00	9.61416
560295.00	4190843.00	8.16226	560315.00	4190843.00	7.00838
560335.00	4190843.00	6.07763	560195.00	4190863.00	18.35305
560215.00	4190863.00	15.09486	560235.00	4190863.00	12.50605

560255.00 4190863.00 10.50291 560275.00 4190863.00 8.92341

560295.00 4190863.00 7.65858 560315.00 4190863.00 6.63246

560335.00 4190863.00 5.79061 560075.00 4190883.00 45.95400

560095.00 4190883.00 38.46170 560115.00 4190883.00 31.43373

560255.00 4190883.00 9.08579 560275.00 4190883.00 7.87866

560295.00 4190883.00 6.87969 560315.00 4190883.00 6.04460

560335.00 4190883.00 5.34099

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SEAPM ***

INCLUDING SOURCE(S): SEAPM ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	559917.30	559937.30	559957.30	559977.30	559997.30	560017.30	560037.30	560057.30	560077.30
4191625.17	0.17219	0.17979	0.17804	0.16918	0.15670	0.14428	0.13407	0.12650	0.12152
4191605.17	0.17444	0.18431	0.18431	0.17633	0.16396	0.15098	0.13996	0.13173	0.12618
4191585.17	0.17637	0.18864	0.19062	0.18372	0.17144	0.15791	0.14618	0.13740	0.13121
4191565.17	0.17797	0.19273	0.19691	0.19120	0.17870	0.16473	0.15242	0.14315	0.13642
4191545.17	0.17924	0.19636	0.20285	0.19872	0.18655	0.17238	0.15933	0.14913	0.14187
4191525.17	0.18012	0.19952	0.20853	0.20630	0.19515	0.18084	0.16689	0.15550	0.14765
4191505.17	0.18076	0.20272	0.21451	0.21449	0.20476	0.19010	0.17511	0.16270	0.15406
4191485.17	0.18113	0.20558	0.22032	0.22270	0.21443	0.19987	0.18404	0.17095	0.16155
4191465.17	0.18129	0.20809	0.22592	0.23097	0.22431	0.21018	0.19375	0.17984	0.16927
4191445.17	0.18139	0.21076	0.23193	0.23996	0.23521	0.22185	0.20480	0.18901	0.17738
4191425.17	0.18138	0.21279	0.23744	0.24873	0.24624	0.23349	0.21587	0.19896	0.18618
4191405.17	0.18147	0.21437	0.24229	0.25695	0.25708	0.24558	0.22781	0.20978	0.19573
4191385.17	0.18192	0.21581	0.24681	0.26518	0.26826	0.25836	0.24065	0.22155	0.20612
4191365.17	0.18269	0.21707	0.25103	0.27330	0.27969	0.27176	0.25442	0.23433	0.21746
4191345.17	0.18418	0.21829	0.25496	0.28128	0.29133	0.28579	0.26916	0.24824	0.22985
4191325.17	0.18661	0.21969	0.25864	0.28910	0.30316	0.30043	0.28491	0.26337	0.24342

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  4191305.17 |       0.19030      0.22150      0.26215      0.29686      0.31518      0.31568      0.30170
0.27981      0.25830
  4191285.17 |       0.19557      0.22391      0.26562      0.30438      0.32737      0.33152      0.31958
0.29768      0.27465
  4191265.17 |       0.20280      0.22739      0.26915      0.31183      0.33968      0.34797      0.33858
0.31707      0.29265
  4191245.17 |       0.21234      0.23230      0.27304      0.31915      0.35216      0.36504      0.35872
0.33811      0.31248
  4191225.17 |       0.22457      0.23910      0.27761      0.32662      0.36495      0.38276      0.38006
0.36090      0.33434
  4191205.17 |       0.23986      0.24834      0.28324      0.33434      0.37811      0.40123      0.40268
0.38559      0.35846
  4191185.17 |       0.25850      0.26059      0.29049      0.34251      0.39156      0.42016      0.42649
0.41225      0.38512
  4191165.17 |       0.28076      0.27645      0.29994      0.35115      0.40544      0.44033      0.45155
0.44066      0.41452
  4191145.17 |       0.30681      0.29650      0.31238      0.36150      0.42058      0.46165      0.47847
0.47171      0.44700
  4191125.17 |       0.33674      0.32130      0.32874      0.37340      0.43661      0.48441      0.50721
0.50528      0.48289
  4191105.17 |       0.37046      0.35131      0.35003      0.38794      0.45404      0.50896      0.53814
0.54161      0.52255
  4191085.17 |       0.40780      0.38683      0.37725      0.40621      0.47338      0.53578      0.57173
0.58112      0.56644
  4191065.17 |       0.44851      0.42801      0.41145      0.42954      0.49531      0.56546      0.60860
0.62434      0.61508
  4191045.17 |       0.49243      0.47483      0.45348      0.45962      0.52069      0.59874      0.64960
0.67199      0.66914
  4191025.17 |       0.53985      0.52717      0.50408      0.49838      0.55088      0.63650      0.69588
0.72512      0.72937
  4191005.17 |       0.59204      0.58503      0.56374      0.54791      0.58775      0.67979      0.74892
0.78320      0.79534
  4190985.17 |       0.65190      0.64907      0.63272      0.61032      0.63397      0.72986      0.81012
0.84805      0.86926
  4190965.17 |       0.72415      0.72171      0.71152      0.68757      0.69342      0.78821      0.88336
0.92785      0.95495
  4190945.17 |       0.81409      0.80816      0.80178      0.78143      0.77108      0.85568      0.96809
1.02210      1.05766
  4190925.17 |       0.92473      0.91583      0.90850      0.89387      0.87319      0.93647      1.06984
1.13708      1.18268
  4190905.17 |       1.05557      1.05045      1.04139      1.02935      1.00667      1.04133      1.20116
1.28250      1.33792
  4190885.17 |       1.20414      1.21312      1.21052      1.19940      1.17937      1.18522      1.36428
1.47032      1.53769
  4190865.17 |       1.36500      1.40197      1.41982      1.42141      1.40542      1.39421      1.56900
1.72313      1.80692
  4190845.17 |       1.53238      1.60830      1.66821      1.70494      1.71548      1.70002      1.83699
2.08517      2.19437
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                  ***
  09:59:03

  PAGE 892
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

                           *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: SEAPM
***
                               INCLUDING SOURCE(S):     SEAPM       ,

                                *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10    IN MICROGRAMS/M**3                         **

    Y-COORD  |                                          X-COORD (METERS)
    (METERS) |     559917.30    559937.30    559957.30    559977.30    559997.30    560017.30    560037.30
560057.30    560077.30
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SEAPM ***

INCLUDING SOURCE(S): SEAPM ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	560097.30	560117.30	560137.30	560157.30	560177.30	560197.30	560217.30	560237.30	560257.30
4191625.17	0.11836	0.11668	0.11647	0.11778	0.12050	0.12432	0.12876	0.13316	0.13683
4191605.17	0.12265	0.12083	0.12058	0.12194	0.12478	0.12877	0.13338	0.13791	0.14161
4191585.17	0.12721	0.12523	0.12494	0.12635	0.12933	0.13349	0.13828	0.14293	0.14665
4191565.17	0.13201	0.12958	0.12919	0.13066	0.13376	0.13828	0.14348	0.14825	0.15199
4191545.17	0.13719	0.13462	0.13405	0.13544	0.13869	0.14354	0.14901	0.15389	0.15763
4191525.17	0.14279	0.14025	0.13954	0.14079	0.14419	0.14926	0.15495	0.15995	0.16369
4191505.17	0.14872	0.14595	0.14555	0.14729	0.15085	0.15617	0.16191	0.16702	0.17073
4191485.17	0.15566	0.15261	0.15214	0.15390	0.15762	0.16284	0.16860	0.17380	0.17757
4191465.17	0.16275	0.15941	0.15870	0.16041	0.16431	0.16979	0.17580	0.18107	0.18482
4191445.17	0.17017	0.16649	0.16566	0.16743	0.17153	0.17728	0.18349	0.18884	0.19255
4191425.17	0.17818	0.17411	0.17315	0.17497	0.17929	0.18532	0.19172	0.19713	0.20083
4191405.17	0.18685	0.18233	0.18122	0.18310	0.18765	0.19396	0.20055	0.20603	0.20973
4191385.17	0.19624	0.19121	0.18992	0.19187	0.19666	0.20326	0.21004	0.21559	0.21929

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  4191365.17 |       0.20645      0.20083      0.19934      0.20134      0.20640      0.21330      0.22024
0.22587      0.22959
  4191345.17 |       0.21757      0.21127      0.20954      0.21161      0.21695      0.22413      0.23124
0.23697      0.24070
  4191325.17 |       0.22973      0.22264      0.22062      0.22277      0.22840      0.23585      0.24313
0.24899      0.25274
  4191305.17 |       0.24306      0.23504      0.23270      0.23492      0.24084      0.24855      0.25603
0.26204      0.26578
  4191285.17 |       0.25771      0.24863      0.24589      0.24819      0.25440      0.26236      0.27006
0.27624      0.27996
  4191265.17 |       0.27385      0.26355      0.26034      0.26271      0.26919      0.27740      0.28538
0.29175      0.29541
  4191245.17 |       0.29170      0.27997      0.27623      0.27867      0.28538      0.29385      0.30217
0.30872      0.31229
  4191225.17 |       0.31149      0.29814      0.29375      0.29622      0.30314      0.31192      0.32063
0.32737      0.33077
  4191205.17 |       0.33350      0.31830      0.31315      0.31560      0.32269      0.33183      0.34100
0.34789      0.35107
  4191185.17 |       0.35804      0.34076      0.33469      0.33704      0.34429      0.35390      0.36358
0.37054      0.37344
  4191165.17 |       0.38550      0.36589      0.35873      0.36087      0.36826      0.37846      0.38867
0.39561      0.39815
  4191145.17 |       0.41630      0.39412      0.38566      0.38743      0.39501      0.40593      0.41664
0.42348      0.42549
  4191125.17 |       0.45095      0.42601      0.41594      0.41717      0.42505      0.43681      0.44793
0.45451      0.45575
  4191105.17 |       0.48999      0.46220      0.45016      0.45066      0.45899      0.47165      0.48304
0.48911      0.48931
  4191085.17 |       0.53414      0.50347      0.48901      0.48863      0.49760      0.51111      0.52255
0.52773      0.52680
  4191065.17 |       0.58417      0.55076      0.53338      0.53203      0.54177      0.55599      0.56706
0.57099      0.56920
  4191045.17 |       0.64104      0.60528      0.58439      0.58205      0.59261      0.60716      0.61725
0.61997      0.61776
  4191025.17 |       0.70576      0.66840      0.64355      0.64022      0.65139      0.66557      0.67422
0.67628      0.67406
  4191005.17 |       0.77977      0.74189      0.71288      0.70845      0.71959      0.73236      0.73986
0.74203      0.73979
  4190985.17 |       0.86531      0.82812      0.79510      0.78908      0.79877      0.80957      0.81695
0.81971      0.81660
  4190965.17 |       0.95783      0.92955      0.89342      0.88483      0.89113      0.90044      0.90855
0.90755      0.90165
  4190945.17 |       1.06964      1.04464      1.01040      0.99804      1.00002      1.00877      1.01280
1.01045      1.00083
  4190925.17 |       1.20514      1.18430      1.14326      1.11891      1.11809      1.12993      1.14058
1.13967      1.12343
  4190905.17 |       1.37218      1.36455      1.31951      1.28477      1.28297      1.29640      1.30611
1.30404      1.27859
  4190885.17 |       1.58364      1.59072      1.54527      1.50519      1.49758      1.50971      1.51249
1.49611      1.45874
  4190865.17 |       1.86470      1.87958      1.84468      1.80641      1.77562      1.77743      1.76859
1.72815      1.67659
  4190845.17 |       2.25856      2.27513      2.24437      2.17870      2.14373      2.11793      2.08171
2.02307      1.95607
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

  PAGE 894
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

                           *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: SEAPM
***
                               INCLUDING SOURCE(S):     SEAPM       ,

                                *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10    IN MICROGRAMS/M**3                          **
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SEAPM ***

INCLUDING SOURCE(S): SEAPM ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	560097.30	560117.30	560137.30	560157.30	560177.30	560197.30	560217.30	560237.30	560257.30
4190825.17	2.86288	2.87850	2.82702	2.71323	2.63623	2.57061	2.49607	2.40848	2.31476
4190805.17	4.00847	3.85198	3.71587	3.51221	3.31533	3.17315	3.04264	2.90641	2.76746
4190785.17	6.61806	5.59132	5.05354	4.60487	4.22770	3.97213	3.75512	3.54285	3.34209
4190765.17	10.57927	7.87023	6.73742	6.00214	5.41393	5.01254	4.67427	4.36420	4.06454
4190745.17	13.95082	10.28377	8.71642	7.77328	6.95802	6.36915	5.87920	5.42154	4.99614
4190725.17	17.25790	13.37484	11.60903	10.43644	9.26249	8.34852	7.57909	6.87767	6.24475
4190705.17	23.34022	19.25417	16.93505	15.08181	13.11579	11.52241	10.15256	8.98170	7.96231
4190685.17	40.23078	36.70520	29.71030	24.41749	20.04570	16.72128	14.11864	12.00513	10.29657
4190665.17	49.92997	62.39608	62.28174	45.44151	33.18559	25.35304	20.01375	16.16134	13.33036
4190645.17	50.83098	72.11537	88.95702	97.18448	63.11053	39.97765	28.21473	21.32683	16.83844

Y-COORD (METERS)	X-COORD (METERS)							
	560277.30	560297.30	560317.30	560337.30	560357.30	560377.30	560397.30	560417.30	560437.30
4191625.17	0.13926	0.14038	0.14064	0.14068	0.14091	0.14057	0.13982	0.13827	0.13592
4191605.17	0.14398	0.14505	0.14527	0.14525	0.14544	0.14510	0.14410	0.14228	0.13973
4191585.17	0.14897	0.14999	0.15018	0.15002	0.14973	0.14968	0.14859	0.14649	0.14380
4191565.17	0.15425	0.15521	0.15537	0.15518	0.15481	0.15427	0.15298	0.15061	0.14785
4191545.17	0.15984	0.16075	0.16087	0.16063	0.16016	0.15924	0.15749	0.15490	0.15213
4191525.17	0.16578	0.16663	0.16671	0.16639	0.16581	0.16466	0.16261	0.15984	0.15716
4191505.17	0.17250	0.17296	0.17290	0.17251	0.17178	0.17037	0.16803	0.16515	0.16261
4191485.17	0.17946	0.17969	0.17948	0.17900	0.17809	0.17639	0.17379	0.17086	0.16852
4191465.17	0.18666	0.18679	0.18649	0.18590	0.18477	0.18276	0.17995	0.17704	0.17494
4191445.17	0.19455	0.19446	0.19397	0.19323	0.19185	0.18955	0.18657	0.18374	0.18187

4191425.17 | 0.20278 0.20293 0.20214 0.20104 0.19937 0.19680 0.19372
0.19098 0.18937
4191405.17 | 0.21161 0.21204 0.21108 0.20946 0.20750 0.20468 0.20143
0.19881 0.19752
4191385.17 | 0.22109 0.22143 0.22082 0.21944 0.21717 0.21410 0.21047
0.20800 0.20677
4191365.17 | 0.23131 0.23149 0.23068 0.22904 0.22648 0.22325 0.21998
0.21773 0.21699
4191345.17 | 0.24233 0.24236 0.24132 0.23939 0.23655 0.23306 0.22980
0.22788 0.22786
4191325.17 | 0.25425 0.25408 0.25279 0.25056 0.24739 0.24368 0.24051
0.23902 0.23943
4191305.17 | 0.26714 0.26675 0.26519 0.26263 0.25909 0.25518 0.25224
0.25126 0.25200
4191285.17 | 0.28115 0.28049 0.27864 0.27568 0.27172 0.26774 0.26516
0.26468 0.26560
4191265.17 | 0.29637 0.29544 0.29323 0.28978 0.28543 0.28153 0.27944
0.27935 0.28020
4191245.17 | 0.31298 0.31174 0.30908 0.30506 0.30043 0.29677 0.29517
0.29531 0.29585
4191225.17 | 0.33116 0.32954 0.32628 0.32168 0.31696 0.31369 0.31250
0.31263 0.31258
4191205.17 | 0.35110 0.34896 0.34500 0.33994 0.33531 0.33246 0.33151
0.33137 0.33041
4191185.17 | 0.37302 0.37018 0.36550 0.36017 0.35578 0.35325 0.35231
0.35157 0.34932
4191165.17 | 0.39711 0.39343 0.38815 0.38274 0.37861 0.37626 0.37502
0.37325 0.36941
4191145.17 | 0.42360 0.41910 0.41341 0.40805 0.40409 0.40165 0.39967
0.39651 0.39099
4191125.17 | 0.45289 0.44770 0.44180 0.43649 0.43249 0.42953 0.42643
0.42174 0.41460
4191105.17 | 0.48555 0.47992 0.47388 0.46846 0.46400 0.46012 0.45574
0.44951 0.44063
4191085.17 | 0.52242 0.51649 0.51021 0.50427 0.49893 0.49400 0.48828
0.48019 0.46914
4191065.17 | 0.56445 0.55822 0.55129 0.54434 0.53800 0.53197 0.52443
0.51379 0.50030
4191045.17 | 0.61279 0.60584 0.59766 0.58955 0.58220 0.57447 0.56417
0.55056 0.53492
4191025.17 | 0.66854 0.66011 0.65046 0.64115 0.63206 0.62150 0.60786
0.59139 0.57417
4191005.17 | 0.73282 0.72229 0.71093 0.69948 0.68746 0.67345 0.65657
0.63583 0.61714
4190985.17 | 0.80732 0.79433 0.77928 0.76447 0.74902 0.72815 0.70534
0.68543 0.66667
4190965.17 | 0.88848 0.87006 0.85185 0.83352 0.81448 0.79279 0.76945
0.74822 0.72860
4190945.17 | 0.98294 0.96099 0.93837 0.91592 0.89294 0.86918 0.84542
0.82486 0.80442
4190925.17 | 1.09798 1.07009 1.04222 1.01535 0.98899 0.96246 0.93771
0.91715 0.89523
4190905.17 | 1.24432 1.20919 1.17571 1.14447 1.11375 1.08227 1.05038
1.02191 0.99602
4190885.17 | 1.41542 1.37349 1.33436 1.29720 1.25961 1.22056 1.18117
1.14417 1.11201
4190865.17 | 1.62399 1.57354 1.52547 1.47842 1.42975 1.37906 1.32904
1.28340 1.24320
4190845.17 | 1.88898 1.82293 1.75915 1.69570 1.62972 1.56279 1.49938
1.44259 1.39126

***
INCLUDING SOURCE(S): SEAPM ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	560277.30	560297.30	560317.30	560337.30	560357.30	560377.30	560397.30	560417.30	560437.30
4190825.17	2.22066	2.12885	2.04416	1.95628	1.86649	1.77927	1.69934	1.62799	1.56214
4190805.17	2.63104	2.50206	2.38399	2.26443	2.14459	2.03252	1.93245	1.84276	1.75842
4190785.17	3.14774	2.96711	2.79749	2.63265	2.47515	2.33329	2.20832	2.09431	1.98570
4190765.17	3.79346	3.54290	3.30626	3.08133	2.87660	2.69728	2.53802	2.39034	2.24983
4190745.17	4.61102	4.25850	3.92836	3.62660	3.36221	3.13236	2.92507	2.73184	2.55035
4190725.17	5.67583	5.16151	4.69819	4.29385	3.94803	3.64515	3.36993	3.11624	2.88203
4190705.17	7.07899	6.31625	5.66322	5.11398	4.64787	4.23822	3.87052	3.53858	3.23662
4190685.17	8.91236	7.77896	6.85237	6.09408	5.45552	4.90273	4.41837	3.98971	3.60959
4190665.17	11.18788	9.52917	8.23339	7.19704	6.33912	5.61400	4.99232	4.45682	3.99884
4190645.17	13.70074	11.40968	9.68343	8.32663	7.22551	6.31359	5.55196	4.91702	4.38628

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SEAPM
***

INCLUDING SOURCE(S): SEAPM ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	560457.30	560477.30	560497.30	560517.30	560537.30	560557.30	560577.30	560597.30	560617.30
4191625.17	0.13331	0.13131	0.13050	0.13093	0.13221	0.13385	0.13549	0.13686	0.13766
4191605.17	0.13716	0.13542	0.13498	0.13571	0.13718	0.13886	0.14046	0.14166	0.14212
4191585.17	0.14134	0.13992	0.13983	0.14082	0.14201	0.14351	0.14502	0.14597	0.14578
4191565.17	0.14558	0.14451	0.14475	0.14584	0.14705	0.14859	0.14994	0.15056	0.14984
4191545.17	0.15012	0.14941	0.14995	0.15128	0.15278	0.15437	0.15547	0.15564	0.15446
4191525.17	0.15543	0.15506	0.15588	0.15743	0.15921	0.16071	0.16145	0.16107	0.15943
4191505.17	0.16120	0.16115	0.16222	0.16391	0.16566	0.16691	0.16718	0.16616	0.16383

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  4191485.17 |       0.16743      0.16770      0.16915      0.17107      0.17270      0.17343      0.17296
0.17123      0.16822
  4191465.17 |       0.17416      0.17474      0.17657      0.17882      0.18019      0.18019      0.17879
0.17629      0.17261
  4191445.17 |       0.18143      0.18234      0.18412      0.18599      0.18698      0.18661      0.18463
0.18137      0.17705
  4191425.17 |       0.18930      0.19051      0.19230      0.19379      0.19448      0.19349      0.19081
0.18679      0.18186
  4191405.17 |       0.19783      0.19931      0.20106      0.20222      0.20257      0.20080      0.19725
0.19248      0.18694
  4191385.17 |       0.20708      0.20873      0.21026      0.21076      0.20986      0.20736      0.20331
0.19783      0.19170
  4191365.17 |       0.21752      0.21918      0.22010      0.21964      0.21762      0.21409      0.20913
0.20297      0.19645
  4191345.17 |       0.22902      0.23049      0.23046      0.22877      0.22572      0.22092      0.21485
0.20805      0.20140
  4191325.17 |       0.23985      0.24093      0.24054      0.23816      0.23401      0.22819      0.22133
0.21399      0.20713
  4191305.17 |       0.25222      0.25243      0.25109      0.24779      0.24248      0.23568      0.22815
0.22047      0.21348
  4191285.17 |       0.26618      0.26487      0.26226      0.25769      0.25118      0.24354      0.23556
0.22781      0.22082
  4191265.17 |       0.28049      0.27789      0.27381      0.26785      0.26027      0.25203      0.24388
0.23629      0.22981
  4191245.17 |       0.29531      0.29195      0.28602      0.27844      0.27004      0.26151      0.25338
0.24609      0.24022
  4191225.17 |       0.31090      0.30667      0.29910      0.28975      0.28089      0.27226      0.26424
0.25730      0.25215
  4191205.17 |       0.32727      0.32141      0.31290      0.30223      0.29313      0.28443      0.27648
0.27005      0.26591
  4191185.17 |       0.34449      0.33706      0.32787      0.31624      0.30688      0.29800      0.29027
0.28474      0.28199
  4191165.17 |       0.36288      0.35414      0.34419      0.33210      0.32211      0.31314      0.30612
0.30203      0.30097
  4191145.17 |       0.38294      0.37308      0.36241      0.35161      0.33963      0.33045      0.32483
0.32260      0.32312
  4191125.17 |       0.40508      0.39401      0.38237      0.37096      0.35981      0.35088      0.34630
0.34588      0.34683
  4191105.17 |       0.42941      0.41696      0.40440      0.39284      0.38363      0.37560      0.37134
0.37218      0.37186
  4191085.17 |       0.45604      0.44234      0.42936      0.41845      0.41096      0.40732      0.40502
0.40626      0.40740
  4191065.17 |       0.48554      0.47108      0.45836      0.44875      0.44315      0.44112      0.44093
0.44105      0.44159
  4191045.17 |       0.51906      0.50444      0.49214      0.48411      0.48005      0.47885      0.47829
0.47654      0.47562
  4191025.17 |       0.55782      0.54355      0.53111      0.52293      0.51992      0.51887      0.51824
0.51789      0.51612
  4191005.17 |       0.60066      0.58705      0.57605      0.56920      0.56781      0.56637      0.56423
0.56232      0.55551
  4190985.17 |       0.65018      0.63721      0.62858      0.62399      0.62382      0.62061      0.61507
0.60665      0.59524
  4190965.17 |       0.71179      0.69914      0.69071      0.68522      0.68294      0.67593      0.66563
0.65214      0.63604
  4190945.17 |       0.78676      0.77373      0.76402      0.75554      0.74720      0.73418      0.71813
0.69925      0.67869
  4190925.17 |       0.87605      0.86109      0.84759      0.83284      0.81546      0.79514      0.77290
0.74880      0.72399
  4190905.17 |       0.97386      0.95431      0.93426      0.91195      0.88690      0.85936      0.83099
0.80190      0.77256
  4190885.17 |       1.08384      1.05650      1.02770      0.99658      0.96315      0.92829      0.89405
0.85973      0.82489
  4190865.17 |       1.20584      1.16840      1.12939      1.08843      1.04627      1.00429      0.96407
0.92324      0.88169
  4190845.17 |       1.34347      1.29426      1.24357      1.19191      1.14094      1.09129      1.04216
0.99305      0.94427
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
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*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SEAPM ***

INCLUDING SOURCE(S): SEAPM ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	560457.30	560477.30	560497.30	560517.30	560537.30	560557.30	560577.30	560597.30	560617.30
4190825.17	1.49818	1.43486	1.37090	1.30817	1.24744	1.18773	1.12825	1.06995	1.01493
4190805.17	1.67602	1.59490	1.51619	1.44041	1.36639	1.29333	1.22252	1.15633	1.09614
4190785.17	1.88048	1.77926	1.68239	1.58856	1.49701	1.40937	1.32823	1.25473	1.18819
4190765.17	2.11605	1.98912	1.86748	1.75036	1.63977	1.53840	1.44691	1.36422	1.28887
4190745.17	2.38009	2.21905	2.06630	1.92422	1.79540	1.67983	1.57576	1.48148	1.39593
4190725.17	2.66412	2.46123	2.27578	2.10975	1.96195	1.82974	1.71095	1.60413	1.50802
4190705.17	2.96178	2.71556	2.49829	2.30680	2.13709	1.98619	1.85179	1.73171	1.62371
4190685.17	3.27651	2.98731	2.73554	2.51508	2.32134	2.15049	1.99885	1.86312	1.74063
4190665.17	3.60833	3.27337	2.98415	2.73316	2.51388	2.32056	2.14855	1.99434	1.85536
4190645.17	3.93865	3.55801	3.23176	2.94930	2.70211	2.48385	2.28987	2.11662	1.96124

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SEAPM ***

INCLUDING SOURCE(S): SEAPM ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	560637.30	560657.30	560677.30	560697.30	560717.30	560737.30	560757.30	560777.30	560797.30
4191625.17	0.13762	0.13663	0.13477	0.13223	0.12908	0.12547	0.12156	0.11732	0.11285
4191605.17	0.14153	0.14004	0.13771	0.13465	0.13074	0.12672	0.12254	0.11816	0.11381
4191585.17	0.14453	0.14254	0.13975	0.13630	0.13221	0.12793	0.12349	0.11921	0.11499
4191565.17	0.14800	0.14549	0.14226	0.13852	0.13452	0.12990	0.12496	0.12044	0.11643

4191545.17	0.15214	0.14909	0.14546	0.14148	0.13699	0.13204	0.12695	0.12221	0.11848
4191525.17	0.15666	0.15307	0.14920	0.14485	0.13957	0.13436	0.12936	0.12454	0.12124
4191505.17	0.16046	0.15639	0.15212	0.14743	0.14207	0.13662	0.13167	0.12781	0.12513
4191485.17	0.16428	0.15974	0.15495	0.14983	0.14445	0.13917	0.13469	0.13164	0.12978
4191465.17	0.16814	0.16315	0.15775	0.15219	0.14697	0.14224	0.13859	0.13613	0.13536
4191445.17	0.17206	0.16660	0.16098	0.15534	0.14977	0.14564	0.14316	0.14188	0.14176
4191425.17	0.17634	0.17041	0.16447	0.15873	0.15336	0.15002	0.14852	0.14836	0.14886
4191405.17	0.18089	0.17453	0.16826	0.16264	0.15802	0.15548	0.15475	0.15565	0.15665
4191385.17	0.18516	0.17856	0.17245	0.16749	0.16382	0.16228	0.16231	0.16342	0.16442
4191365.17	0.18973	0.18314	0.17738	0.17318	0.17077	0.17021	0.17087	0.17218	0.17325
4191345.17	0.19484	0.18859	0.18338	0.18005	0.17894	0.17917	0.18026	0.18184	0.18329
4191325.17	0.20078	0.19519	0.19095	0.18862	0.18831	0.18909	0.19044	0.19186	0.19382
4191305.17	0.20746	0.20276	0.19970	0.19842	0.19877	0.20001	0.20172	0.20326	0.20557
4191285.17	0.21522	0.21147	0.20966	0.20945	0.21040	0.21212	0.21415	0.21613	0.21874
4191265.17	0.22501	0.22221	0.22128	0.22183	0.22341	0.22532	0.22756	0.23024	0.23304
4191245.17	0.23629	0.23447	0.23448	0.23582	0.23804	0.24019	0.24256	0.24553	0.24814
4191225.17	0.24926	0.24855	0.24955	0.25168	0.25445	0.25696	0.25916	0.26178	0.26362
4191205.17	0.26429	0.26480	0.26676	0.26951	0.27256	0.27540	0.27755	0.27861	0.27908
4191185.17	0.28183	0.28350	0.28617	0.28918	0.29212	0.29431	0.29551	0.29534	0.29457
4191165.17	0.30218	0.30465	0.30757	0.31042	0.31279	0.31347	0.31288	0.31167	0.30996
4191145.17	0.32526	0.32800	0.33069	0.33272	0.33312	0.33278	0.33107	0.32900	0.32532
4191125.17	0.34840	0.35156	0.35400	0.35532	0.35425	0.35259	0.34972	0.34585	0.34076
4191105.17	0.37162	0.37503	0.37746	0.37815	0.37587	0.37296	0.36866	0.36260	0.35614
4191085.17	0.40770	0.40740	0.40669	0.40411	0.39937	0.39343	0.38687	0.37944	0.37152
4191065.17	0.44128	0.43866	0.43487	0.42928	0.42283	0.41541	0.40724	0.39810	0.38808
4191045.17	0.47343	0.46908	0.46246	0.45433	0.44651	0.43738	0.42690	0.41551	0.40282
4191025.17	0.51103	0.50304	0.49309	0.48205	0.47053	0.45851	0.44559	0.43134	0.41572
4191005.17	0.54600	0.53435	0.52151	0.50817	0.49436	0.47965	0.46359	0.44618	0.42802
4190985.17	0.58156	0.56660	0.55113	0.53523	0.51842	0.50025	0.48077	0.46069	0.44104
4190965.17	0.61853	0.60050	0.58208	0.56278	0.54213	0.52027	0.49800	0.47649	0.45668
4190945.17	0.65756	0.63612	0.61386	0.59031	0.56569	0.54093	0.51731	0.49575	0.47656
4190925.17	0.69891	0.67315	0.64620	0.61837	0.59076	0.56471	0.54111	0.52011	0.50138
4190905.17	0.74261	0.71166	0.68008	0.64913	0.62021	0.59412	0.57089	0.55002	0.53094
4190885.17	0.78913	0.75305	0.71805	0.68561	0.65642	0.63031	0.60668	0.58494	0.56471
4190865.17	0.84001	0.79996	0.76306	0.72984	0.69999	0.67277	0.64760		

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SEAPM
***

INCLUDING SOURCE(S): SEAPM ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	560637.30	560657.30	560677.30	560697.30	560717.30	560737.30	560757.30	560777.30	560797.30
4190825.17	0.96470	0.91937	0.87817	0.84023	0.80504	0.77238	0.74215	0.71426	0.68850
4190805.17	1.04172	0.99208	0.94630	0.90394	0.86481	0.82877	0.79559	0.76496	0.73649
4190785.17	1.12741	1.07152	1.02007	0.97284	0.92953	0.88973	0.85296	0.81873	0.78659
4190765.17	1.21996	1.15701	1.09956	1.04707	0.99889	0.95433	0.91280	0.87382	0.83703
4190745.17	1.31838	1.24800	1.18387	1.12503	1.07062	1.01993	0.97248	0.92792	0.88600
4190725.17	1.42121	1.34227	1.26993	1.20314	1.14114	1.08339	1.02949	0.97913	0.93200
4190705.17	1.52579	1.43632	1.35409	1.27820	1.20801	1.14295	1.08254	1.02633	0.97389
4190685.17	1.62934	1.52777	1.43478	1.34941	1.27085	1.19834	1.13125	1.06902	1.01121
4190665.17	1.72960	1.61542	1.51142	1.41634	1.32918	1.24908	1.17532	1.10734	1.04463
4190645.17	1.82130	1.69478	1.58000	1.47558	1.38040	1.29350	1.21408	1.14140	1.07478

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SEAPM
***

INCLUDING SOURCE(S): SEAPM ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	560817.30	560837.30	560857.30	560877.30	560897.30	560917.30	560937.30	560957.30	560977.30
4191625.17	0.10862	0.10509	0.10243	0.10073	0.09993	0.09991	0.10049	0.10151	0.10281

4191605.17	0.10987	0.10674	0.10468	0.10361	0.10334	0.10378	0.10473	0.10602	0.10747
4191585.17	0.11139	0.10878	0.10740	0.10707	0.10732	0.10818	0.10944	0.11090	0.11242
4191565.17	0.11336	0.11158	0.11076	0.11087	0.11160	0.11281	0.11432	0.11606	0.11763
4191545.17	0.11603	0.11503	0.11486	0.11543	0.11657	0.11803	0.11965	0.12138	0.12293
4191525.17	0.11951	0.11925	0.11970	0.12073	0.12216	0.12376	0.12536	0.12691	0.12842
4191505.17	0.12378	0.12422	0.12534	0.12686	0.12823	0.12982	0.13141	0.13296	0.13454
4191485.17	0.12923	0.13013	0.13158	0.13322	0.13478	0.13631	0.13780	0.13958	0.14134
4191465.17	0.13580	0.13697	0.13831	0.13978	0.14175	0.14329	0.14476	0.14686	0.14883
4191445.17	0.14253	0.14401	0.14562	0.14720	0.14900	0.15074	0.15249	0.15429	0.15618
4191425.17	0.14993	0.15139	0.15316	0.15501	0.15663	0.15851	0.16052	0.16235	0.16419
4191405.17	0.15778	0.15911	0.16102	0.16314	0.16478	0.16682	0.16901	0.17102	0.17266
4191385.17	0.16541	0.16707	0.16937	0.17184	0.17398	0.17622	0.17834	0.18004	0.18120
4191365.17	0.17439	0.17623	0.17875	0.18153	0.18396	0.18619	0.18795	0.18910	0.18965
4191345.17	0.18487	0.18658	0.18934	0.19230	0.19462	0.19643	0.19757	0.19802	0.19790
4191325.17	0.19595	0.19792	0.20085	0.20371	0.20556	0.20667	0.20701	0.20671	0.20596
4191305.17	0.20818	0.21024	0.21303	0.21540	0.21647	0.21668	0.21619	0.21519	0.21385
4191285.17	0.22147	0.22327	0.22540	0.22704	0.22711	0.22640	0.22514	0.22352	0.22162
4191265.17	0.23552	0.23662	0.23745	0.23772	0.23733	0.23589	0.23397	0.23176	0.22922
4191245.17	0.24991	0.24989	0.24964	0.24881	0.24742	0.24528	0.24275	0.23987	0.23647
4191225.17	0.26424	0.26297	0.26176	0.26019	0.25757	0.25467	0.25144	0.24765	0.24308
4191205.17	0.27855	0.27700	0.27426	0.27097	0.26767	0.26402	0.25992	0.25543	0.24911
4191185.17	0.29285	0.29038	0.28661	0.28242	0.27829	0.27329	0.26753	0.26131	0.25353
4191165.17	0.30723	0.30322	0.29890	0.29421	0.28886	0.28201	0.27378	0.26526	0.25657
4191145.17	0.32106	0.31614	0.31082	0.30479	0.29771	0.28928	0.27961	0.26948	0.26009
4191125.17	0.33514	0.32908	0.32226	0.31432	0.30512	0.29507	0.28431	0.27358	0.26346
4191105.17	0.34922	0.34149	0.33258	0.32236	0.31119	0.29984	0.28880	0.27755	0.26731
4191085.17	0.36295	0.35386	0.34265	0.33035	0.31791	0.30516	0.29324	0.28249	0.27298
4191065.17	0.37680	0.36478	0.35110	0.33706	0.32344	0.31081	0.29949	0.28947	0.28058
4191045.17	0.38877	0.37376	0.35855	0.34394	0.33053	0.31857	0.30798	0.29851	0.28975
4191025.17	0.39923	0.38271	0.36702	0.35273	0.34003	0.32875	0.31863	0.30837	0.29994
4191005.17	0.41002	0.39311	0.37783	0.36428	0.35225	0.34133	0.33091	0.32035	0.31179
4190985.17	0.42277	0.40636	0.39182	0.37887	0.36711	0.35615	0.34552	0.33470	0.32554
4190965.17	0.43899	0.42331	0.40926	0.39642	0.38450	0.37333	0.36286	0.35159	0.34224
4190945.17	0.45951	0.44414	0.43002	0.41686	0.40457	0.39313	0.38251	0.37128	0.36170
4190925.17	0.48438	0.46866	0.45400	0.44033	0.42764	0.41595	0.40514		

								0.39366	0.38383
4190905.17	0.51324	0.49671	0.48133	0.46708	0.45394	0.44186	0.43063	0.41855	0.40805
4190885.17	0.54584	0.52831	0.51209	0.49712	0.48329	0.47045	0.45838	0.44590	0.43389
4190865.17	0.58209	0.56338	0.54607	0.53002	0.51503	0.50091	0.48742	0.47435	0.46049
4190845.17	0.62180	0.60156	0.58272	0.56504	0.54827	0.53223	0.51677	0.50174	0.48654

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SEAPM ***
INCLUDING SOURCE(S): SEAPM ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 560817.30	560837.30	560857.30	560877.30	560897.30	560917.30	560937.30	560957.30	560977.30
4190825.17	0.66460	0.64228	0.62124	0.60123	0.58205	0.56359	0.54578	0.52860	0.51184
4190805.17	0.70982	0.68461	0.66060	0.63764	0.61562	0.59450	0.57424	0.55484	0.53603
4190785.17	0.75619	0.72731	0.69980	0.67356	0.64854	0.62469	0.60195	0.58024	0.55927
4190765.17	0.80223	0.76926	0.73802	0.70840	0.68030	0.65360	0.62820	0.60399	0.58067
4190745.17	0.84655	0.80938	0.77431	0.74117	0.70980	0.68006	0.65181	0.62497	0.59926
4190725.17	0.88783	0.84634	0.80729	0.77048	0.73574	0.70294	0.67196	0.64271	0.61506
4190705.17	0.92487	0.87897	0.83596	0.79562	0.75779	0.72233	0.68907	0.65790	0.62868
4190685.17	0.95745	0.90743	0.86088	0.81755	0.77721	0.73964	0.70463	0.67197	0.64148
4190665.17	0.98674	0.93327	0.88385	0.83812	0.79575	0.75646	0.71997	0.68602	0.65440
4190645.17	1.01364	0.95744	0.90570	0.85797	0.81388	0.77308	0.73525	0.70012	0.66746

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SEAPM ***
INCLUDING SOURCE(S): SEAPM ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 560997.30	561017.30	561037.30	561057.30	561077.30	561097.30	561117.30

								561137.30	561157.30
4191625.17	0.10423	0.10560	0.10690	0.10820	0.10945	0.11069	0.11191	0.11305	0.11410
4191605.17	0.10895	0.11028	0.11161	0.11290	0.11415	0.11540	0.11662	0.11776	0.11882
4191585.17	0.11387	0.11504	0.11655	0.11808	0.11917	0.12039	0.12162	0.12276	0.12382
4191565.17	0.11906	0.12022	0.12177	0.12339	0.12471	0.12586	0.12692	0.12804	0.12909
4191545.17	0.12440	0.12580	0.12742	0.12903	0.13045	0.13154	0.13251	0.13358	0.13457
4191525.17	0.12999	0.13187	0.13353	0.13505	0.13644	0.13746	0.13833	0.13930	0.14017
4191505.17	0.13617	0.13793	0.13975	0.14138	0.14245	0.14347	0.14432	0.14512	0.14578
4191485.17	0.14305	0.14468	0.14637	0.14789	0.14893	0.14974	0.15037	0.15092	0.15127
4191465.17	0.15056	0.15193	0.15326	0.15447	0.15571	0.15620	0.15638	0.15659	0.15653
4191445.17	0.15798	0.15937	0.16047	0.16130	0.16197	0.16228	0.16225	0.16203	0.16146
4191425.17	0.16576	0.16693	0.16771	0.16815	0.16833	0.16825	0.16788	0.16697	0.16573
4191405.17	0.17383	0.17454	0.17487	0.17489	0.17464	0.17410	0.17314	0.17134	0.16930
4191385.17	0.18184	0.18203	0.18188	0.18145	0.18073	0.17965	0.17810	0.17585	0.17301
4191365.17	0.18969	0.18936	0.18873	0.18781	0.18653	0.18464	0.18217	0.17916	0.17545
4191345.17	0.19737	0.19652	0.19539	0.19389	0.19192	0.18898	0.18535	0.18137	0.17673
4191325.17	0.20487	0.20351	0.20178	0.19949	0.19627	0.19257	0.18812	0.18315	0.17768
4191305.17	0.21223	0.21025	0.20762	0.20426	0.20006	0.19518	0.18969	0.18387	0.17812
4191285.17	0.21937	0.21662	0.21276	0.20811	0.20310	0.19694	0.19029	0.18390	0.17821
4191265.17	0.22616	0.22240	0.21734	0.21143	0.20525	0.19814	0.19079	0.18369	0.17724
4191245.17	0.23233	0.22730	0.22089	0.21372	0.20657	0.19884	0.19126	0.18434	0.17773
4191225.17	0.23756	0.23109	0.22344	0.21514	0.20739	0.19948	0.19213	0.18592	0.18003
4191205.17	0.24159	0.23371	0.22531	0.21673	0.20836	0.20055	0.19361	0.18786	0.18287
4191185.17	0.24484	0.23589	0.22684	0.21820	0.20992	0.20268	0.19642	0.19106	0.18642
4191165.17	0.24761	0.23807	0.22884	0.22018	0.21244	0.20602	0.20043	0.19532	0.19054
4191145.17	0.25075	0.24055	0.23180	0.22414	0.21693	0.21060	0.20486	0.19983	0.19506
4191125.17	0.25370	0.24449	0.23605	0.22872	0.22217	0.21610	0.21047	0.20540	0.20058
4191105.17	0.25821	0.25015	0.24183	0.23413	0.22812	0.22243	0.21701	0.21188	0.20706
4191085.17	0.26456	0.25697	0.24881	0.24109	0.23501	0.22924	0.22379	0.21871	0.21401
4191065.17	0.27255	0.26509	0.25722	0.24968	0.24268	0.23680	0.23167	0.22676	0.22229
4191045.17	0.28176	0.27410	0.26713	0.25993	0.25144	0.24558	0.24103	0.23639	0.23222
4191025.17	0.29214	0.28321	0.27655	0.27093	0.26413	0.25747	0.25153	0.24777	0.24397
4191005.17	0.30393	0.29496	0.28862	0.28313	0.27737	0.27088	0.26485	0.26116	0.25744
4190985.17	0.31742	0.31000	0.30325	0.29714	0.29160	0.28587	0.28058		

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0.27628      0.27218
  4190965.17 |       0.33424      0.32695      0.31984      0.31316      0.30761      0.30270      0.29802
0.29320      0.28807
  4190945.17 |       0.35371      0.34583      0.33837      0.33156      0.32606      0.32086      0.31558
0.30989      0.30381
  4190925.17 |       0.37534      0.36623      0.35853      0.35184      0.34595      0.33942      0.33261
0.32585      0.31913
  4190905.17 |       0.39876      0.38861      0.38040      0.37307      0.36613      0.35781      0.34912
0.34124      0.33350
  4190885.17 |       0.42280      0.41181      0.40254      0.39417      0.38530      0.37512      0.36505
0.35612      0.34743
  4190865.17 |       0.44689      0.43508      0.42464      0.41441      0.40339      0.39194      0.38054
0.37076      0.36110
  4190845.17 |       0.47045      0.45813      0.44544      0.43315      0.42083      0.40874      0.39707
0.38654      0.37574
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                      ***
  09:59:03

  PAGE 904
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

                              *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: SEAPM
***
                                  INCLUDING SOURCE(S):     SEAPM       ,

                                   *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                        ** CONC OF PM_10    IN MICROGRAMS/M**3                          **

    Y-COORD  |                                              X-COORD (METERS)
    (METERS) |     560997.30    561017.30    561037.30    561057.30    561077.30    561097.30    561117.30
561137.30    561157.30
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

  4190825.17 |       0.49323      0.47980      0.46585      0.45166      0.43796      0.42474      0.41197
0.39965      0.38767
  4190805.17 |       0.51543      0.50034      0.48478      0.46909      0.45385      0.43915      0.42496
0.41126      0.39805
  4190785.17 |       0.53651      0.51956      0.50218      0.48475      0.46787      0.45165      0.43609
0.42116      0.40687
  4190765.17 |       0.55673      0.53689      0.51736      0.49822      0.47981      0.46226      0.44553
0.42961      0.41446
  4190745.17 |       0.57465      0.55166      0.53018      0.50961      0.48997      0.47137      0.45376
0.43708      0.42128
  4190725.17 |       0.58887      0.56273      0.54027      0.51940      0.49897      0.47960      0.46131
0.44403      0.42771
  4190705.17 |       0.60114      0.57312      0.54944      0.52860      0.50744      0.48747      0.46861
0.45082      0.43404
  4190685.17 |       0.61283      0.58380      0.55930      0.53778      0.51593      0.49542      0.47602
0.45776      0.44054
  4190665.17 |       0.62475      0.59477      0.56950      0.54671      0.52361      0.50359      0.48382
0.46506      0.44740
  4190645.17 |       0.63693      0.60700      0.58060      0.55620      0.53052      0.51104      0.49186
0.47261      0.45449
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                      ***
  09:59:03

  PAGE 905
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

                              *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: SEAPM
***
                                  INCLUDING SOURCE(S):     SEAPM       ,
```

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)								
	561177.30	561197.30	561217.30	561237.30	561257.30	561277.30	561297.30	561317.30	561337.30
4191625.17	0.11510	0.11606	0.11705	0.11808	0.11915	0.12021	0.12117	0.12193	0.12221
4191605.17	0.11984	0.12085	0.12187	0.12291	0.12393	0.12483	0.12551	0.12587	0.12565
4191585.17	0.12485	0.12587	0.12688	0.12784	0.12867	0.12928	0.12955	0.12940	0.12860
4191565.17	0.13010	0.13107	0.13197	0.13272	0.13323	0.13341	0.13316	0.13242	0.13097
4191545.17	0.13549	0.13632	0.13698	0.13740	0.13747	0.13711	0.13625	0.13486	0.13274
4191525.17	0.14092	0.14148	0.14179	0.14175	0.14127	0.14029	0.13877	0.13669	0.13388
4191505.17	0.14624	0.14643	0.14627	0.14566	0.14455	0.14288	0.14065	0.13787	0.13443
4191485.17	0.15133	0.15104	0.15040	0.14919	0.14728	0.14483	0.14187	0.13832	0.13448
4191465.17	0.15610	0.15522	0.15401	0.15220	0.14934	0.14606	0.14239	0.13817	0.13419
4191445.17	0.16043	0.15886	0.15660	0.15367	0.15023	0.14625	0.14196	0.13804	0.13391
4191425.17	0.16399	0.16148	0.15839	0.15478	0.15057	0.14600	0.14147	0.13759	0.13352
4191405.17	0.16670	0.16313	0.15947	0.15537	0.15049	0.14570	0.14116	0.13713	0.13323
4191385.17	0.16956	0.16537	0.16046	0.15532	0.15085	0.14615	0.14168	0.13764	0.13391
4191365.17	0.17110	0.16625	0.16088	0.15554	0.15097	0.14642	0.14213	0.13826	0.13480
4191345.17	0.17159	0.16618	0.16105	0.15609	0.15120	0.14674	0.14274	0.13914	0.13586
4191325.17	0.17196	0.16624	0.16108	0.15628	0.15166	0.14750	0.14375	0.14032	0.13713
4191305.17	0.17238	0.16664	0.16140	0.15672	0.15252	0.14867	0.14509	0.14174	0.13854
4191285.17	0.17291	0.16743	0.16218	0.15752	0.15376	0.15019	0.14668	0.14333	0.14009
4191265.17	0.17165	0.16690	0.16298	0.15934	0.15497	0.15156	0.14845	0.14481	0.14167
4191245.17	0.17198	0.16769	0.16449	0.16125	0.15656	0.15307	0.14994	0.14654	0.14368
4191225.17	0.17455	0.17008	0.16671	0.16324	0.15857	0.15465	0.15131	0.14859	0.14615
4191205.17	0.17833	0.17397	0.16985	0.16577	0.16175	0.15763	0.15368	0.15118	0.14922
4191185.17	0.18209	0.17776	0.17342	0.16922	0.16517	0.16102	0.15736	0.15477	0.15314
4191165.17	0.18600	0.18168	0.17757	0.17347	0.16888	0.16518	0.16222	0.15943	0.15784
4191145.17	0.19060	0.18667	0.18245	0.17814	0.17366	0.17078	0.16831	0.16543	0.16366
4191125.17	0.19612	0.19217	0.18790	0.18381	0.18007	0.17739	0.17514	0.17247	0.17060
4191105.17	0.20258	0.19844	0.19434	0.19062	0.18802	0.18542	0.18297	0.18079	0.17884
4191085.17	0.20971	0.20581	0.20221	0.19890	0.19626	0.19384	0.19167	0.19000	0.18798
4191065.17	0.21826	0.21464	0.21141	0.20852	0.20593	0.20357	0.20147	0.19994	0.19785
4191045.17	0.22847	0.22512	0.22210	0.21934	0.21679	0.21436	0.21217		

0.21032 0.20811
4191025.17 | 0.24042 0.23718 0.23416 0.23129 0.22850 0.22601 0.22358
0.22092 0.21811
4191005.17 | 0.25385 0.25043 0.24733 0.24424 0.24094 0.23789 0.23477
0.23132 0.22784
4190985.17 | 0.26822 0.26430 0.26093 0.25750 0.25349 0.24943 0.24536
0.24129 0.23724
4190965.17 | 0.28298 0.27889 0.27438 0.26983 0.26506 0.26030 0.25559
0.25093 0.24635
4190945.17 | 0.29790 0.29278 0.28753 0.28206 0.27632 0.27080 0.26549
0.26028 0.25519
4190925.17 | 0.31249 0.30594 0.30001 0.29417 0.28725 0.28097 0.27508
0.26930 0.26365
4190905.17 | 0.32593 0.31854 0.31107 0.30380 0.29733 0.29077 0.28422
0.27781 0.27153
4190885.17 | 0.33898 0.33077 0.32264 0.31472 0.30726 0.29996 0.29269
0.28556 0.27858
4190865.17 | 0.35173 0.34262 0.33432 0.32606 0.31678 0.30827 0.30010
0.29236 0.28470
4190845.17 | 0.36525 0.35506 0.34480 0.33431 0.32470 0.31460 0.30536
0.29855 0.29041

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SEAPM
***

INCLUDING SOURCE(S): SEAPM ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	561177.30	561197.30	561217.30	561237.30	561257.30	561277.30	561297.30	561317.30	561337.30
4190825.17	0.37604	0.36477	0.35380	0.34262	0.33175	0.32091	0.31089	0.30275	0.29441
4190805.17	0.38531	0.37305	0.36125	0.34989	0.33797	0.32706	0.31691	0.30584	0.29734
4190785.17	0.39319	0.38012	0.36763	0.35567	0.34321	0.33186	0.32160	0.31193	0.30137
4190765.17	0.40006	0.38636	0.37335	0.36095	0.34849	0.33661	0.32588	0.31673	0.30569
4190745.17	0.40632	0.39214	0.37869	0.36592	0.35375	0.34147	0.32987	0.32035	0.31008
4190725.17	0.41228	0.39769	0.38387	0.37077	0.35832	0.34616	0.33353	0.32190	0.31139
4190705.17	0.41820	0.40323	0.38906	0.37565	0.36294	0.35082	0.33844	0.32581	0.31455
4190685.17	0.42429	0.40896	0.39445	0.38072	0.36772	0.35538	0.34362	0.33143	0.31917
4190665.17	0.43074	0.41501	0.40014	0.38607	0.37275	0.36012	0.34811	0.33653	0.32446
4190645.17	0.43740	0.42129	0.40606	0.39167	0.37804	0.36513	0.35288	0.34122	0.32959

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SEAPM
***

INCLUDING SOURCE(S): SEAPM ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)		
	561357.30	561377.30	561397.30
4191625.17	0.12208	0.12167	0.12077
4191605.17	0.12496	0.12394	0.12241
4191585.17	0.12727	0.12562	0.12346
4191565.17	0.12899	0.12670	0.12396
4191545.17	0.13010	0.12721	0.12397
4191525.17	0.13062	0.12723	0.12363
4191505.17	0.13066	0.12690	0.12311
4191485.17	0.13047	0.12645	0.12261
4191465.17	0.13026	0.12605	0.12233
4191445.17	0.12988	0.12584	0.12237
4191425.17	0.12961	0.12594	0.12278
4191405.17	0.12964	0.12642	0.12353
4191385.17	0.13057	0.12756	0.12466
4191365.17	0.13165	0.12874	0.12578
4191345.17	0.13280	0.12990	0.12689
4191325.17	0.13408	0.13112	0.12802
4191305.17	0.13544	0.13242	0.12937
4191285.17	0.13695	0.13393	0.13104
4191265.17	0.13876	0.13581	0.13305
4191245.17	0.14102	0.13821	0.13553
4191225.17	0.14387	0.14123	0.13857
4191205.17	0.14735	0.14489	0.14240
4191185.17	0.15152	0.14939	0.14711
4191165.17	0.15651	0.15479	0.15280
4191145.17	0.16240	0.16120	0.15939
4191125.17	0.16933	0.16841	0.16679
4191105.17	0.17728	0.17648	0.17493
4191085.17	0.18613	0.18529	0.18377
4191065.17	0.19578	0.19454	0.19268
4191045.17	0.20577	0.20382	0.20143
4191025.17	0.21524	0.21280	0.20993
4191005.17	0.22442	0.22150	0.21816
4190985.17	0.23331	0.22993	0.22617
4190965.17	0.24194	0.23813	0.23395
4190945.17	0.25029	0.24602	0.24136
4190925.17	0.25820	0.25340	0.24819
4190905.17	0.26535	0.25947	0.25388
4190885.17	0.27174	0.26505	0.25900
4190865.17	0.27725	0.27001	0.26347
4190845.17	0.28198	0.27430	0.26740

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SEAPM
***

INCLUDING SOURCE(S): SEAPM ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

Y-COORD (METERS)	X-COORD (METERS) 561357.30	561377.30	561397.30
4190825.17	0.28617	0.27815	0.27098
4190805.17	0.28987	0.28159	0.27419
4190785.17	0.29134	0.28391	0.27667
4190765.17	0.29479	0.28649	0.27909
4190745.17	0.29984	0.28955	0.28165
4190725.17	0.30190	0.29343	0.28500
4190705.17	0.30462	0.29671	0.28809
4190685.17	0.30809	0.29940	0.29108
4190665.17	0.31321	0.30255	0.29373
4190645.17	0.31793	0.30705	0.29757

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SEAPM ***

INCLUDING SOURCE(S): SEAPM ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
560122.00	4190978.00	0.85264	560142.00	4190978.00	0.82429
560162.00	4190978.00	0.82289	560182.00	4190978.00	0.83271
560202.00	4190978.00	0.84243	560222.00	4190978.00	0.84895
560242.00	4190978.00	0.85043	560262.00	4190978.00	0.84505
560102.00	4190998.00	0.80138	560122.00	4190998.00	0.76220
560142.00	4190998.00	0.73731	560162.00	4190998.00	0.73754
560182.00	4190998.00	0.74973	560202.00	4190998.00	0.76089
560222.00	4190998.00	0.76698	560242.00	4190998.00	0.76827
560262.00	4190998.00	0.76460	560282.00	4190998.00	0.75574
560302.00	4190998.00	0.74406	560322.00	4190998.00	0.73183
560102.00	4191018.00	0.72264	560122.00	4191018.00	0.68542
560142.00	4191018.00	0.66428	560162.00	4191018.00	0.66519
560182.00	4191018.00	0.67811	560202.00	4191018.00	0.69102
560222.00	4191018.00	0.69758	560242.00	4191018.00	0.69845
560262.00	4191018.00	0.69541	560282.00	4191018.00	0.68861
560302.00	4191018.00	0.67906	560322.00	4191018.00	0.66889
560342.00	4191018.00	0.65904	560362.00	4191018.00	0.64878

560382.00	4191018.00	0.63635	560402.00	4191018.00	0.62077
560102.00	4191038.00	0.65453	560122.00	4191038.00	0.61980
560142.00	4191038.00	0.60230	560162.00	4191038.00	0.60354
560182.00	4191038.00	0.61616	560202.00	4191038.00	0.63013
560222.00	4191038.00	0.63796	560242.00	4191038.00	0.63901
560262.00	4191038.00	0.63599	560282.00	4191038.00	0.63032
560302.00	4191038.00	0.62249	560322.00	4191038.00	0.61371
560342.00	4191038.00	0.60538	560362.00	4191038.00	0.59755
560382.00	4191038.00	0.58841	560402.00	4191038.00	0.57612
560422.00	4191038.00	0.56087	560442.00	4191038.00	0.54450
560462.00	4191038.00	0.52865	560082.00	4191058.00	0.62839
560102.00	4191058.00	0.59505	560122.00	4191058.00	0.56333
560142.00	4191058.00	0.54908	560162.00	4191058.00	0.55065
560182.00	4191058.00	0.56248	560202.00	4191058.00	0.57666
560222.00	4191058.00	0.58583	560242.00	4191058.00	0.58772
560262.00	4191058.00	0.58488	560282.00	4191058.00	0.57960
560302.00	4191058.00	0.57291	560322.00	4191058.00	0.56551
560342.00	4191058.00	0.55824	560362.00	4191058.00	0.55172
560382.00	4191058.00	0.54495	560402.00	4191058.00	0.53582
560422.00	4191058.00	0.52338	560442.00	4191058.00	0.50868
560462.00	4191058.00	0.49349	560082.00	4191078.00	0.57696
560102.00	4191078.00	0.54302	560122.00	4191078.00	0.51442
560142.00	4191078.00	0.50295	560162.00	4191078.00	0.50494

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SEAPM ***

INCLUDING SOURCE(S): SEAPM ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
560182.00	4191078.00	0.51584	560202.00	4191078.00	0.52964
560222.00	4191078.00	0.53967	560242.00	4191078.00	0.54279

560262.00	4191078.00	0.54052	560282.00	4191078.00	0.53551
560302.00	4191078.00	0.52931	560322.00	4191078.00	0.52287
560342.00	4191078.00	0.51671	560362.00	4191078.00	0.51116
560382.00	4191078.00	0.50578	560402.00	4191078.00	0.49901
560422.00	4191078.00	0.48934	560442.00	4191078.00	0.47685
560462.00	4191078.00	0.46291	560482.00	4191078.00	0.44902
560502.00	4191078.00	0.43651	560082.00	4191098.00	0.53084
560102.00	4191098.00	0.49737	560122.00	4191098.00	0.47183
560142.00	4191098.00	0.46263	560162.00	4191098.00	0.46508
560182.00	4191098.00	0.47511	560202.00	4191098.00	0.48826
560222.00	4191098.00	0.49861	560242.00	4191098.00	0.50289
560262.00	4191098.00	0.50156	560282.00	4191098.00	0.49699
560302.00	4191098.00	0.49105	560322.00	4191098.00	0.48501
560342.00	4191098.00	0.47966	560362.00	4191098.00	0.47509
560382.00	4191098.00	0.47081	560402.00	4191098.00	0.46562
560422.00	4191098.00	0.45816	560442.00	4191098.00	0.44794
560462.00	4191098.00	0.43568	560482.00	4191098.00	0.42267
560502.00	4191098.00	0.41009	560522.00	4191098.00	0.39919
560062.00	4191118.00	0.51455	560082.00	4191118.00	0.48942
560102.00	4191118.00	0.45717	560122.00	4191118.00	0.43455
560142.00	4191118.00	0.42714	560162.00	4191118.00	0.43006
560182.00	4191118.00	0.43936	560202.00	4191118.00	0.45172
560222.00	4191118.00	0.46206	560242.00	4191118.00	0.46716
560262.00	4191118.00	0.46691	560282.00	4191118.00	0.46304
560302.00	4191118.00	0.45740	560322.00	4191118.00	0.45151
560342.00	4191118.00	0.44646	560362.00	4191118.00	0.44261
560382.00	4191118.00	0.43941	560402.00	4191118.00	0.43558
560422.00	4191118.00	0.42980	560442.00	4191118.00	0.42146
560462.00	4191118.00	0.41093	560482.00	4191118.00	0.39919
560502.00	4191118.00	0.38721	560522.00	4191118.00	0.37588
560062.00	4191138.00	0.47912	560082.00	4191138.00	0.45213
560102.00	4191138.00	0.42166	560122.00	4191138.00	0.40175
560142.00	4191138.00	0.39574	560162.00	4191138.00	0.39905
560182.00	4191138.00	0.40780	560202.00	4191138.00	0.41935

560222.00	4191138.00	0.42949	560242.00	4191138.00	0.43506
560262.00	4191138.00	0.43577	560282.00	4191138.00	0.43281
560302.00	4191138.00	0.42765	560322.00	4191138.00	0.42185
560342.00	4191138.00	0.41680	560362.00	4191138.00	0.41323

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SEAPM ***

INCLUDING SOURCE(S): SEAPM ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
560382.00	4191138.00	0.41083	560402.00	4191138.00	0.40831
560422.00	4191138.00	0.40411	560442.00	4191138.00	0.39739
560462.00	4191138.00	0.38833	560482.00	4191138.00	0.37781
560502.00	4191138.00	0.36676	560062.00	4191158.00	0.44650
560082.00	4191158.00	0.41858	560102.00	4191158.00	0.39019
560122.00	4191158.00	0.37273	560142.00	4191158.00	0.36783
560162.00	4191158.00	0.37143	560182.00	4191158.00	0.37978
560202.00	4191158.00	0.39054	560222.00	4191158.00	0.40038
560242.00	4191158.00	0.40622	560262.00	4191158.00	0.40762
560282.00	4191158.00	0.40558	560302.00	4191158.00	0.40112
560322.00	4191158.00	0.39555	560342.00	4191158.00	0.39038
560362.00	4191158.00	0.38673	560382.00	4191158.00	0.38471
560402.00	4191158.00	0.38324	560422.00	4191158.00	0.38058
560442.00	4191158.00	0.37551	560462.00	4191158.00	0.36785
560482.00	4191158.00	0.35838	560502.00	4191158.00	0.34808
560062.00	4191178.00	0.41678	560082.00	4191178.00	0.38836
560102.00	4191178.00	0.36220	560122.00	4191178.00	0.34694
560142.00	4191178.00	0.34291	560162.00	4191178.00	0.34668
560182.00	4191178.00	0.35473	560202.00	4191178.00	0.36482
560222.00	4191178.00	0.37426	560242.00	4191178.00	0.38025
560322.00	4191178.00	0.37206	560342.00	4191178.00	0.36682

560362.00	4191178.00	0.36293	560382.00	4191178.00	0.36092
560402.00	4191178.00	0.36006	560422.00	4191178.00	0.35872
560442.00	4191178.00	0.35535	560462.00	4191178.00	0.34926
560482.00	4191178.00	0.34087	560502.00	4191178.00	0.33057
560062.00	4191198.00	0.38906	560082.00	4191198.00	0.36109
560102.00	4191198.00	0.33724	560122.00	4191198.00	0.32392
560142.00	4191198.00	0.32058	560162.00	4191198.00	0.32440
560182.00	4191198.00	0.33224	560202.00	4191198.00	0.34176
560222.00	4191198.00	0.35076	560362.00	4191198.00	0.34157
560382.00	4191198.00	0.33932	560402.00	4191198.00	0.33868
560422.00	4191198.00	0.33828	560442.00	4191198.00	0.33643
560462.00	4191198.00	0.33205	560482.00	4191198.00	0.32504
560042.00	4191218.00	0.38502	560062.00	4191218.00	0.36354
560082.00	4191218.00	0.33651	560102.00	4191218.00	0.31489
560122.00	4191218.00	0.30327	560142.00	4191218.00	0.30050
560162.00	4191218.00	0.30429	560182.00	4191218.00	0.31193
560202.00	4191218.00	0.32099	560222.00	4191218.00	0.32956
560342.00	4191218.00	0.32685	560362.00	4191218.00	0.32240
560382.00	4191218.00	0.31978	560402.00	4191218.00	0.31908

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SEAPM ***

INCLUDING SOURCE(S): SEAPM ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
560422.00	4191218.00	0.31920	560442.00	4191218.00	0.31854
560462.00	4191218.00	0.31580	560482.00	4191218.00	0.31036
560082.00	4191238.00	0.31431	560102.00	4191238.00	0.29481
560122.00	4191238.00	0.28468	560142.00	4191238.00	0.28237
560162.00	4191238.00	0.28606	560182.00	4191238.00	0.29350
560202.00	4191238.00	0.30219	560222.00	4191238.00	0.31037

560342.00	4191238.00	0.30973	560362.00	4191238.00	0.30517
560382.00	4191238.00	0.30211	560402.00	4191238.00	0.30114
560422.00	4191238.00	0.30149	560442.00	4191238.00	0.30166
560462.00	4191238.00	0.30027	560182.00	4191258.00	0.27671
560202.00	4191258.00	0.28510	560322.00	4191258.00	0.29803
560342.00	4191258.00	0.29410	560362.00	4191258.00	0.28963
560382.00	4191258.00	0.28616	560402.00	4191258.00	0.28476
560422.00	4191258.00	0.28509	560442.00	4191258.00	0.28581
560462.00	4191258.00	0.28547	560322.00	4191278.00	0.28311
560342.00	4191278.00	0.27971	560362.00	4191278.00	0.27549
560382.00	4191278.00	0.27177	560402.00	4191278.00	0.26986
560422.00	4191278.00	0.26995	560442.00	4191278.00	0.27095
559982.00	4191298.00	0.30594	560002.00	4191298.00	0.32150
560022.00	4191298.00	0.31934	560042.00	4191298.00	0.30331
560062.00	4191298.00	0.28057	560302.00	4191298.00	0.27125
560322.00	4191298.00	0.26934	560342.00	4191298.00	0.26641
560362.00	4191298.00	0.26254	560382.00	4191298.00	0.25874
560402.00	4191298.00	0.25635	560422.00	4191298.00	0.25602
560442.00	4191298.00	0.25705	559962.00	4191318.00	0.26862
559982.00	4191318.00	0.29714	560002.00	4191318.00	0.30851
560022.00	4191318.00	0.30330	560042.00	4191318.00	0.28601
560062.00	4191318.00	0.26392	560082.00	4191318.00	0.24460
560102.00	4191318.00	0.23207	560122.00	4191318.00	0.22603
560142.00	4191318.00	0.22498	560162.00	4191318.00	0.22808
560302.00	4191318.00	0.25827	560322.00	4191318.00	0.25666
560342.00	4191318.00	0.25408	560362.00	4191318.00	0.25061
560382.00	4191318.00	0.24685	560402.00	4191318.00	0.24410
560422.00	4191318.00	0.24326	559962.00	4191338.00	0.26412
559982.00	4191338.00	0.28834	560002.00	4191338.00	0.29580
560022.00	4191338.00	0.28797	560042.00	4191338.00	0.26987
560062.00	4191338.00	0.24865	560082.00	4191338.00	0.23096
560102.00	4191338.00	0.21976	560122.00	4191338.00	0.21442
560142.00	4191338.00	0.21356	560162.00	4191338.00	0.21652
560182.00	4191338.00	0.22256	560202.00	4191338.00	0.22998

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SEAPM ***

INCLUDING SOURCE(S): SEAPM ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
560222.00	4191338.00	0.23691	560242.00	4191338.00	0.24225
560302.00	4191338.00	0.24628	560322.00	4191338.00	0.24494
560342.00	4191338.00	0.24268	560362.00	4191338.00	0.23953
560382.00	4191338.00	0.23594	560402.00	4191338.00	0.23295
560422.00	4191338.00	0.23162	559962.00	4191358.00	0.25938
559982.00	4191358.00	0.27945	560002.00	4191358.00	0.28336
560022.00	4191358.00	0.27336	560042.00	4191358.00	0.25482
560062.00	4191358.00	0.23465	560082.00	4191358.00	0.21852
560102.00	4191358.00	0.20850	560122.00	4191358.00	0.20375
560142.00	4191358.00	0.20306	560162.00	4191358.00	0.20589
560182.00	4191358.00	0.21163	560202.00	4191358.00	0.21879
560222.00	4191358.00	0.22556	560242.00	4191358.00	0.23081
560262.00	4191358.00	0.23405	560282.00	4191358.00	0.23532
560302.00	4191358.00	0.23517	560322.00	4191358.00	0.23407
560342.00	4191358.00	0.23212	560362.00	4191358.00	0.22927
560382.00	4191358.00	0.22587	560402.00	4191358.00	0.22277
559962.00	4191378.00	0.25436	559982.00	4191378.00	0.27049
560002.00	4191378.00	0.27122	560022.00	4191378.00	0.25948
560042.00	4191378.00	0.24083	560062.00	4191378.00	0.22181
560082.00	4191378.00	0.20714	560102.00	4191378.00	0.19816
560122.00	4191378.00	0.19393	560142.00	4191378.00	0.19339
560162.00	4191378.00	0.19608	560182.00	4191378.00	0.20154
560202.00	4191378.00	0.20843	560222.00	4191378.00	0.21506
560242.00	4191378.00	0.22023	560262.00	4191378.00	0.22347
560282.00	4191378.00	0.22484	560302.00	4191378.00	0.22486
560322.00	4191378.00	0.22400	560342.00	4191378.00	0.22232

559982.00	4191398.00	0.26148	560002.00	4191398.00	0.25940
560022.00	4191398.00	0.24629	560042.00	4191398.00	0.22783
560062.00	4191398.00	0.21002	560082.00	4191398.00	0.19671
560102.00	4191398.00	0.18866	560122.00	4191398.00	0.18486
560142.00	4191398.00	0.18444	560162.00	4191398.00	0.18703
560182.00	4191398.00	0.19220	560202.00	4191398.00	0.19882
560222.00	4191398.00	0.20531	560242.00	4191398.00	0.21042
560262.00	4191398.00	0.21367	560282.00	4191398.00	0.21515
559982.00	4191418.00	0.25253	560002.00	4191418.00	0.24802
560022.00	4191418.00	0.23386	560042.00	4191418.00	0.21576
560062.00	4191418.00	0.19919	560082.00	4191418.00	0.18713
560102.00	4191418.00	0.17989	560122.00	4191418.00	0.17648
560142.00	4191418.00	0.17616	560162.00	4191418.00	0.17864
560182.00	4191418.00	0.18355	560202.00	4191418.00	0.18990

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SEAPM ***

INCLUDING SOURCE(S): SEAPM ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
560222.00	4191418.00	0.19623	560242.00	4191418.00	0.20129
560262.00	4191418.00	0.20454	560002.00	4191438.00	0.23674
560022.00	4191438.00	0.22211	560042.00	4191438.00	0.20459
560062.00	4191438.00	0.18922	560082.00	4191438.00	0.17831
560102.00	4191438.00	0.17178	560122.00	4191438.00	0.16870
560142.00	4191438.00	0.16847	560162.00	4191438.00	0.17085
560182.00	4191438.00	0.17551	560202.00	4191438.00	0.18158
560222.00	4191438.00	0.18776	560242.00	4191438.00	0.19278
560262.00	4191438.00	0.19605	560042.00	4191458.00	0.19412
560062.00	4191458.00	0.18005	560082.00	4191458.00	0.17017
560102.00	4191458.00	0.16427	560122.00	4191458.00	0.16148

560142.00	4191458.00	0.16132	560162.00	4191458.00	0.16362
560182.00	4191458.00	0.16804	560202.00	4191458.00	0.17385
560222.00	4191458.00	0.17985	560242.00	4191458.00	0.18483
560262.00	4191458.00	0.18816	560142.00	4191478.00	0.15470
560162.00	4191478.00	0.15690	560182.00	4191478.00	0.16112
560202.00	4191478.00	0.16665	560222.00	4191478.00	0.17245
560242.00	4191478.00	0.17738	560155.00	4190663.00	51.40105
560175.00	4190663.00	36.56248	560115.00	4190683.00	40.86423
560135.00	4190683.00	32.75264	560155.00	4190683.00	26.54919
560175.00	4190683.00	21.58952	560095.00	4190703.00	25.11180
560115.00	4190703.00	20.69964	560135.00	4190703.00	18.04734
560155.00	4190703.00	16.04091	560175.00	4190703.00	13.90920
560095.00	4190723.00	18.39951	560115.00	4190723.00	14.11704
560135.00	4190723.00	12.16586	560155.00	4190723.00	10.96286
560175.00	4190723.00	9.71366	560195.00	4190723.00	8.72306
560095.00	4190743.00	14.96149	560115.00	4190743.00	10.85981
560135.00	4190743.00	9.09574	560155.00	4190743.00	8.11932
560175.00	4190743.00	7.24428	560195.00	4190743.00	6.61015
560075.00	4190763.00	19.00587	560095.00	4190763.00	11.51792
560115.00	4190763.00	8.32987	560135.00	4190763.00	7.02346
560155.00	4190763.00	6.25566	560175.00	4190763.00	5.61760
560195.00	4190763.00	5.18448	560215.00	4190763.00	4.82918
560075.00	4190783.00	9.32944	560095.00	4190783.00	7.24404
560115.00	4190783.00	5.93287	560135.00	4190783.00	5.27830
560155.00	4190783.00	4.79983	560175.00	4190783.00	4.38038
560195.00	4190783.00	4.10041	560215.00	4190783.00	3.86994
560235.00	4190783.00	3.64713	560075.00	4190803.00	4.25768
560095.00	4190803.00	4.21278	560115.00	4190803.00	4.01712
560135.00	4190803.00	3.85509	560155.00	4190803.00	3.64449

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SEAPM
***

INCLUDING SOURCE(S): SEAPM ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
560175.00	4190803.00	3.42255	560195.00	4190803.00	3.26568
560215.00	4190803.00	3.12729	560235.00	4190803.00	2.98491
560255.00	4190803.00	2.84139	560275.00	4190803.00	2.70149
560075.00	4190823.00	2.89636	560095.00	4190823.00	2.95004
560115.00	4190823.00	2.96346	560135.00	4190823.00	2.91523
560155.00	4190823.00	2.79662	560175.00	4190823.00	2.70637
560195.00	4190823.00	2.63629	560215.00	4190823.00	2.55822
560235.00	4190823.00	2.46768	560255.00	4190823.00	2.37030
560275.00	4190823.00	2.27232	560295.00	4190823.00	2.17657
560315.00	4190823.00	2.08837	560115.00	4190843.00	2.32758
560135.00	4190843.00	2.30493	560155.00	4190843.00	2.23384
560175.00	4190843.00	2.19374	560195.00	4190843.00	2.16653
560215.00	4190843.00	2.12719	560235.00	4190843.00	2.06776
560255.00	4190843.00	1.99895	560275.00	4190843.00	1.92953
560295.00	4190843.00	1.86099	560315.00	4190843.00	1.79477
560335.00	4190843.00	1.72924	560195.00	4190863.00	1.80987
560215.00	4190863.00	1.80248	560235.00	4190863.00	1.76217
560255.00	4190863.00	1.70984	560275.00	4190863.00	1.65586
560295.00	4190863.00	1.60392	560315.00	4190863.00	1.55426
560335.00	4190863.00	1.50583	560075.00	4190883.00	1.55546
560095.00	4190883.00	1.60627	560115.00	4190883.00	1.62092
560255.00	4190883.00	1.48504	560275.00	4190883.00	1.44080
560295.00	4190883.00	1.39784	560315.00	4190883.00	1.35765
560335.00	4190883.00	1.31957			

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SEAWALL ***

INCLUDING SOURCE(S): L0000369 , L0000370 , L0000371 , L0000372 , L0000373 ,

L0000374 , L0000375 , L0000376 , L0000377 , L0000378 , L0000379 , L0000380 , L0000381 ,
L0000382 , L0000383 , L0000384 , L0000385 , L0000386 , L0000387 , L0000388 , L0000389 ,
L0000390 , L0000391 , L0000392 , L0000393 , L0000394 , L0000395 , L0000396 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	559917.30	559937.30	559957.30	559977.30	559997.30	560017.30	560037.30	560057.30	560077.30
4191625.17	0.17583	0.18073	0.18096	0.17730	0.17096	0.16360	0.15632	0.14965	0.14448
4191605.17	0.17964	0.18571	0.18687	0.18375	0.17769	0.17024	0.16261	0.15559	0.14995
4191585.17	0.18344	0.19074	0.19295	0.19047	0.18457	0.17699	0.16917	0.16200	0.15583
4191565.17	0.18722	0.19583	0.19918	0.19732	0.19112	0.18348	0.17565	0.16842	0.16190
4191545.17	0.19099	0.20075	0.20527	0.20427	0.19825	0.19076	0.18275	0.17504	0.16823
4191525.17	0.19469	0.20555	0.21131	0.21138	0.20614	0.19881	0.19046	0.18200	0.17490
4191505.17	0.19847	0.21074	0.21797	0.21925	0.21510	0.20762	0.19877	0.18986	0.18228
4191485.17	0.20228	0.21598	0.22476	0.22733	0.22412	0.21687	0.20772	0.19881	0.19088
4191465.17	0.20616	0.22127	0.23170	0.23569	0.23340	0.22657	0.21737	0.20860	0.20005
4191445.17	0.21023	0.22715	0.23946	0.24506	0.24386	0.23771	0.22857	0.21844	0.20925
4191425.17	0.21437	0.23280	0.24717	0.25466	0.25473	0.24901	0.23959	0.22893	0.21915
4191405.17	0.21875	0.23839	0.25480	0.26417	0.26568	0.26060	0.25122	0.24019	0.22981
4191385.17	0.22376	0.24423	0.26244	0.27384	0.27698	0.27282	0.26367	0.25230	0.24132
4191365.17	0.22893	0.25029	0.27029	0.28386	0.28881	0.28578	0.27698	0.26536	0.25377
4191345.17	0.23458	0.25658	0.27838	0.29424	0.30122	0.29952	0.29124	0.27944	0.26725
4191325.17	0.24090	0.26326	0.28677	0.30501	0.31424	0.31410	0.30651	0.29463	0.28187
4191305.17	0.24808	0.27067	0.29552	0.31618	0.32791	0.32957	0.32289	0.31106	0.29777
4191285.17	0.25631	0.27869	0.30478	0.32751	0.34227	0.34601	0.34047	0.32885	0.31507
4191265.17	0.26580	0.28744	0.31466	0.34015	0.35743	0.36351	0.35935	0.34811	0.33394
4191245.17	0.27682	0.29728	0.32518	0.35313	0.37344	0.38215	0.37966	0.36902	0.35456
4191225.17	0.28964	0.30847	0.33661	0.36684	0.39039	0.40205	0.40153	0.39174	0.37713
4191205.17	0.30455	0.32133	0.34922	0.38148	0.40809	0.42286	0.42473	0.41645	0.40190
4191185.17	0.32189	0.33623	0.36325	0.39706	0.42688	0.44514	0.44972	0.44310	0.42904
4191165.17	0.34197	0.35358	0.37904	0.41349	0.44733	0.46972	0.47713	0.47156	0.45872
4191145.17	0.36514	0.37386	0.39739	0.43325	0.46989	0.49634	0.50722	0.50379	0.49187
4191125.17	0.39174	0.39756	0.41846	0.45452	0.49447	0.52533	0.54014	0.53927	0.52864

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  4191105.17 |       0.42214      0.42525      0.44301      0.47834      0.52127      0.55707      0.57633
0.57847      0.56956
  4191085.17 |       0.45638      0.45752      0.47182      0.50556      0.55102      0.59209      0.61636
0.62201      0.61531
  4191065.17 |       0.49570      0.49506      0.50577      0.53704      0.58439      0.63099      0.66095
0.67066      0.66670
  4191045.17 |       0.54045      0.53861      0.54590      0.57387      0.62226      0.67460      0.71100
0.72541      0.72448
  4191025.17 |       0.59115      0.58901      0.59340      0.61741      0.66578      0.72393      0.76768
0.78755      0.78920
  4191005.17 |       0.64940      0.64747      0.64967      0.66935      0.71645      0.78030      0.83248
0.85646      0.86260
  4190985.17 |       0.71709      0.71565      0.71648      0.73183      0.77633      0.84548      0.90660
0.93412      0.94624
  4190965.17 |       0.79662      0.79590      0.79613      0.80760      0.84820      0.92189      0.99415
1.02994      1.04495
  4190945.17 |       0.89051      0.89139      0.89187      0.90027      0.93594      1.01113      1.09376
1.14294      1.16485
  4190925.17 |       1.00083      1.00582      1.00813      1.01480      1.04504      1.11843      1.21189
1.27998      1.31215
  4190905.17 |       1.12858      1.14262      1.15052      1.15817      1.18354      1.25568      1.36451
1.45201      1.49577
  4190885.17 |       1.27314      1.30384      1.32487      1.33979      1.36515      1.43553      1.55846
1.67260      1.73222
  4190865.17 |       1.43175      1.48881      1.53507      1.57022      1.60551      1.68088      1.81596
1.96826      2.05090
  4190845.17 |       1.60046      1.69335      1.78006      1.85736      1.92770      2.02130      2.18194
2.39394      2.51218
1 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

  PAGE 917
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

                           *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: SEAWALL
***
                               INCLUDING SOURCE(S):     L0000369    , L0000370    , L0000371    , L0000372    ,
L0000373    ,
                L0000374    , L0000375    , L0000376    , L0000377    , L0000378    , L0000379    , L0000380    ,
L0000381    ,
                L0000382    , L0000383    , L0000384    , L0000385    , L0000386    , L0000387    , L0000388    ,
L0000389    ,
                L0000390    , L0000391    , L0000392    , L0000393    , L0000394    , L0000395    , L0000396    ,
. . .       ,

                                *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10    IN MICROGRAMS/M**3                         **

    Y-COORD  |                                            X-COORD (METERS)
    (METERS) |     559917.30    559937.30    559957.30    559977.30    559997.30    560017.30    560037.30
560057.30    560077.30
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

  4190825.17 |       1.77650      1.91266      2.05347      2.19879      2.35183      2.52302      2.77778
3.10421      3.27725
  4190805.17 |       1.95753      2.14471      2.35136      2.58716      2.86864      3.26190      3.93286
4.76317      5.02295
  4190785.17 |       2.13776      2.38290      2.66858      3.01506      3.48373      4.28617      3.75624
4.26970      4.66613
  4190765.17 |       2.30739      2.61591      2.99339      3.47605      4.15760      5.37189      5.33889
4.40132      4.85182
  4190745.17 |       2.46093      2.83643      3.30625      3.93047      4.82275      6.27076      7.12004
6.39748     10.49357
  4190725.17 |       2.61555      3.04542      3.60165      4.34847      5.39519      6.97982      9.92670
8.09579      9.67796
```

                          *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: SEAWALL
***
                              INCLUDING SOURCE(S):   L0000369   , L0000370   , L0000371   , L0000372   ,
L0000373   ,
               L0000374   , L0000375   , L0000376   , L0000377   , L0000378   , L0000379   , L0000380   ,
L0000381   ,
               L0000382   , L0000383   , L0000384   , L0000385   , L0000386   , L0000387   , L0000388   ,
L0000389   ,
               L0000390   , L0000391   , L0000392   , L0000393   , L0000394   , L0000395   , L0000396   ,
. . .   ,

                               *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                    ** CONC OF PM_10   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 560097.30   560117.30   560137.30   560157.30   560177.30   560197.30   560217.30
560237.30   560257.30
 -
- - - - - - - -

  4191625.17 | 0.14082   0.13867   0.13802   0.13876   0.14064   0.14332   0.14638
0.14941   0.15213
  4191605.17 | 0.14590   0.14359   0.14288   0.14363   0.14559   0.14837   0.15154
0.15467   0.15745
  4191585.17 | 0.15130   0.14882   0.14804   0.14880   0.15083   0.15372   0.15700
0.16023   0.16307
  4191565.17 | 0.15698   0.15397   0.15304   0.15382   0.15593   0.15914   0.16280
0.16613   0.16903
  4191545.17 | 0.16309   0.15993   0.15876   0.15941   0.16160   0.16509   0.16897
0.17239   0.17534
  4191525.17 | 0.16970   0.16660   0.16524   0.16566   0.16794   0.17157   0.17560
0.17912   0.18213
  4191505.17 | 0.17668   0.17333   0.17233   0.17330   0.17567   0.17944   0.18353
0.18716   0.19007
  4191485.17 | 0.18485   0.18122   0.18010   0.18116   0.18362   0.18724   0.19121
0.19493   0.19793
  4191465.17 | 0.19356   0.18961   0.18819   0.18899   0.19155   0.19520   0.19925
0.20307   0.20614
  4191445.17 | 0.20226   0.19798   0.19640   0.19721   0.19986   0.20366   0.20785
0.21176   0.21494
  4191425.17 | 0.21162   0.20697   0.20523   0.20603   0.20879   0.21274   0.21707
0.22107   0.22428
  4191405.17 | 0.22171   0.21666   0.21473   0.21552   0.21839   0.22249   0.22696
0.23106   0.23428
  4191385.17 | 0.23261   0.22712   0.22498   0.22575   0.22873   0.23299   0.23760
0.24178   0.24501
  4191365.17 | 0.24441   0.23844   0.23605   0.23681   0.23989   0.24431   0.24906
0.25333   0.25655
  4191345.17 | 0.25720   0.25070   0.24805   0.24877   0.25196   0.25654   0.26143
0.26578   0.26898
  4191325.17 | 0.27111   0.26403   0.26108   0.26175   0.26504   0.26978   0.27482
0.27924   0.28241

```
  4191305.17 |       0.28625      0.27855      0.27526      0.27586      0.27926      0.28415      0.28934
0.29382      0.29693
  4191285.17 |       0.30278      0.29441      0.29074      0.29125      0.29474      0.29979      0.30512
0.30966      0.31269
  4191265.17 |       0.32087      0.31177      0.30768      0.30808      0.31164      0.31686      0.32233
0.32691      0.32983
  4191245.17 |       0.34072      0.33084      0.32627      0.32652      0.33015      0.33552      0.34114
0.34576      0.34853
  4191225.17 |       0.36255      0.35185      0.34674      0.34680      0.35048      0.35601      0.36178
0.36640      0.36897
  4191205.17 |       0.38662      0.37506      0.36934      0.36917      0.37288      0.37858      0.38448
0.38907      0.39137
  4191185.17 |       0.41325      0.40080      0.39441      0.39394      0.39766      0.40351      0.40955
0.41405      0.41601
  4191165.17 |       0.44280      0.42943      0.42229      0.42146      0.42516      0.43118      0.43732
0.44167      0.44317
  4191145.17 |       0.47569      0.46142      0.45344      0.45218      0.45584      0.46201      0.46820
0.47229      0.47319
  4191125.17 |       0.51243      0.49730      0.48840      0.48661      0.49020      0.49650      0.50267
0.50635      0.50650
  4191105.17 |       0.55362      0.53772      0.52782      0.52542      0.52889      0.53527      0.54127
0.54436      0.54362
  4191085.17 |       0.60002      0.58347      0.57250      0.56939      0.57269      0.57903      0.58467
0.58696      0.58523
  4191065.17 |       0.65253      0.63553      0.62344      0.61952      0.62254      0.62866      0.63367
0.63497      0.63221
  4191045.17 |       0.71227      0.69512      0.68190      0.67705      0.67961      0.68519      0.68929
0.68949      0.68566
  4191025.17 |       0.77933      0.76368      0.74949      0.74356      0.74532      0.74996      0.75289
0.75195      0.74698
  4191005.17 |       0.85646      0.84320      0.82826      0.82101      0.82145      0.82469      0.82633
0.82422      0.81785
  4190985.17 |       0.94796      0.93656      0.92092      0.91192      0.91035      0.91180      0.91209
0.90849      0.90020
  4190965.17 |       1.04768      1.04294      1.02977      1.01957      1.01522      1.01384      1.00976
0.99945      0.98740
  4190945.17 |       1.17054      1.16637      1.15512      1.14411      1.13633      1.13139      1.12157
1.10818      1.09154
  4190925.17 |       1.32247      1.31609      1.29849      1.28000      1.26867      1.26338      1.25727
1.24415      1.22183
  4190905.17 |       1.51312      1.51077      1.49230      1.46935      1.45323      1.44294      1.43215
1.41967      1.38886
  4190885.17 |       1.75728      1.75824      1.74436      1.71865      1.68869      1.67060      1.65309
1.62709      1.58386
  4190865.17 |       2.08337      2.08526      2.07779      2.05224      1.98991      1.96017      1.93197
1.87929      1.81802
  4190845.17 |       2.54867      2.54305      2.51217      2.45669      2.39565      2.33438      2.27232
2.19534      2.11174
1 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

  PAGE 919
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

                           *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: SEAWALL
***
                               INCLUDING SOURCE(S):     L0000369    , L0000370    , L0000371    , L0000372    ,
L0000373    ,
                L0000374    , L0000375    , L0000376    , L0000377    , L0000378    , L0000379    , L0000380    ,
L0000381    ,
                L0000382    , L0000383    , L0000384    , L0000385    , L0000386    , L0000387    , L0000388    ,
L0000389    ,
                L0000390    , L0000391    , L0000392    , L0000393    , L0000394    , L0000395    , L0000396    ,
. . .       ,

                                   *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***
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Y-COORD (METERS)	X-COORD (METERS)								
	560097.30	560117.30	560137.30	560157.30	560177.30	560197.30	560217.30	560237.30	560257.30
4190825.17	3.29204	3.23414	3.15508	3.04946	2.94006	2.82577	2.71352	2.59869	2.48119
4190805.17	4.71179	4.37053	4.13685	3.91371	3.67056	3.46528	3.28444	3.11185	2.94414
4190785.17	7.51429	6.16848	5.50556	5.04460	4.62918	4.29657	4.01684	3.76229	3.53638
4190765.17	10.92855	8.38130	7.22049	6.48813	5.86466	5.36867	4.95704	4.60775	4.28330
4190745.17	14.27376	10.96403	9.41736	8.41293	7.53067	6.80823	6.21320	5.71759	5.23428
4190725.17	14.07201	14.74664	12.76526	11.33448	10.00767	8.88906	7.96063	7.19676	6.47922
4190705.17	13.52657	22.70354	19.13976	16.39239	14.01414	12.10831	10.55580	9.25906	8.14401
4190685.17	16.56604	28.77107	25.20654	26.23507	20.91027	17.21333	14.36700	12.11604	10.33905
4190665.17	19.10903	28.95205	34.49784	32.24733	29.96766	25.37711	19.82436	15.92552	13.10222
4190645.17	20.15317	27.51661	37.36352	42.03393	34.76093	38.31793	27.30773	20.64934	16.31398

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SEAWALL ***

INCLUDING SOURCE(S): L0000369 , L0000370 , L0000371 , L0000372 , L0000373 ,
L0000374 , L0000375 , L0000376 , L0000377 , L0000378 , L0000379 , L0000380 , L0000381 ,
L0000382 , L0000383 , L0000384 , L0000385 , L0000386 , L0000387 , L0000388 , L0000389 ,
L0000390 , L0000391 , L0000392 , L0000393 , L0000394 , L0000395 , L0000396 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)								
	560277.30	560297.30	560317.30	560337.30	560357.30	560377.30	560397.30	560417.30	560437.30
4191625.17	0.15436	0.15601	0.15708	0.15774	0.15828	0.15766	0.15647	0.15490	0.15315
4191605.17	0.15969	0.16133	0.16235	0.16287	0.16314	0.16255	0.16127	0.15958	0.15776
4191585.17	0.16534	0.16695	0.16791	0.16819	0.16783	0.16743	0.16631	0.16451	0.16264
4191565.17	0.17131	0.17289	0.17377	0.17394	0.17342	0.17248	0.17105	0.16914	0.16724
4191545.17	0.17763	0.17918	0.17996	0.18000	0.17931	0.17799	0.17622	0.17423	0.17231
4191525.17	0.18434	0.18583	0.18652	0.18640	0.18554	0.18404	0.18213	0.18006	0.17814

```
  4191505.17 |       0.19196      0.19298      0.19345      0.19317      0.19212      0.19045      0.18840
0.18627      0.18436
  4191485.17 |       0.19983      0.20057      0.20081      0.20035      0.19910      0.19726      0.19509
0.19290      0.19101
  4191465.17 |       0.20794      0.20854      0.20862      0.20797      0.20652      0.20450      0.20221
0.19999      0.19811
  4191445.17 |       0.21703      0.21714      0.21693      0.21607      0.21441      0.21222      0.20983
0.20756      0.20571
  4191425.17 |       0.22641      0.22664      0.22601      0.22470      0.22283      0.22047      0.21797
0.21568      0.21384
  4191405.17 |       0.23636      0.23687      0.23594      0.23404      0.23195      0.22942      0.22671
0.22438      0.22256
  4191385.17 |       0.24702      0.24767      0.24705      0.24535      0.24301      0.24005      0.23689
0.23452      0.23237
  4191365.17 |       0.25845      0.25894      0.25815      0.25630      0.25373      0.25074      0.24774
0.24533      0.24304
  4191345.17 |       0.27075      0.27102      0.26995      0.26782      0.26500      0.26191      0.25898
0.25654      0.25447
  4191325.17 |       0.28402      0.28404      0.28266      0.28023      0.27715      0.27386      0.27083
0.26835      0.26595
  4191305.17 |       0.29835      0.29809      0.29639      0.29363      0.29026      0.28678      0.28365
0.28110      0.27854
  4191285.17 |       0.31389      0.31331      0.31124      0.30811      0.30444      0.30077      0.29754
0.29490      0.29243
  4191265.17 |       0.33077      0.32981      0.32733      0.32381      0.31983      0.31597      0.31262
0.30981      0.30717
  4191245.17 |       0.34914      0.34776      0.34482      0.34088      0.33658      0.33252      0.32902
0.32595      0.32287
  4191225.17 |       0.36920      0.36733      0.36387      0.35948      0.35487      0.35061      0.34687
0.34342      0.33970
  4191205.17 |       0.39115      0.38871      0.38469      0.37985      0.37492      0.37039      0.36632
0.36232      0.35782
  4191185.17 |       0.41522      0.41214      0.40753      0.40222      0.39695      0.39208      0.38752
0.38280      0.37737
  4191165.17 |       0.44171      0.43792      0.43269      0.42691      0.42123      0.41588      0.41065
0.40503      0.39859
  4191145.17 |       0.47096      0.46642      0.46056      0.45425      0.44804      0.44204      0.43595
0.42929      0.42175
  4191125.17 |       0.50342      0.49809      0.49157      0.48462      0.47770      0.47084      0.46372
0.45591      0.44719
  4191105.17 |       0.53963      0.53350      0.52620      0.51845      0.51061      0.50269      0.49436
0.48527      0.47526
  4191085.17 |       0.58030      0.57328      0.56504      0.55624      0.54725      0.53806      0.52833
0.51777      0.50634
  4191065.17 |       0.62629      0.61821      0.60876      0.59863      0.58822      0.57750      0.56611
0.55386      0.54090
  4191045.17 |       0.67862      0.66919      0.65818      0.64639      0.63422      0.62159      0.60824
0.59414      0.57963
  4191025.17 |       0.73852      0.72731      0.71430      0.70036      0.68596      0.67105      0.65537
0.63824      0.62195
  4191005.17 |       0.80748      0.79328      0.77731      0.76064      0.74352      0.72537      0.70670
0.68607      0.66814
  4190985.17 |       0.88689      0.86739      0.84696      0.82699      0.80683      0.78294      0.75928
0.73963      0.72092
  4190965.17 |       0.96955      0.94637      0.92316      0.89957      0.87626      0.85239      0.82812
0.80625      0.78576
  4190945.17 |       1.06930      1.04263      1.01453      0.98686      0.96001      0.93377      0.90815
0.88615      0.86395
  4190925.17 |       1.19205      1.15862      1.12499      1.09267      1.06157      1.03124      1.00375
0.98111      0.95615
  4190905.17 |       1.34929      1.30762      1.26711      1.22855      1.19129      1.15477      1.11911
1.08719      1.05624
  4190885.17 |       1.53306      1.48193      1.43296      1.38609      1.34034      1.29522      1.25120
1.20925      1.16996
  4190865.17 |       1.75328      1.68966      1.62875      1.56987      1.51193      1.45485      1.39964
1.34748      1.29855
  4190845.17 |       2.02677      1.94441      1.86546      1.78878      1.71348      1.64021      1.57049
1.50524      1.44399
```

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SEAWALL ***

INCLUDING SOURCE(S): L0000369 , L0000370 , L0000371 , L0000372 , L0000373 ,
L0000374 , L0000375 , L0000376 , L0000377 , L0000378 , L0000379 , L0000380 , L0000381 ,
L0000382 , L0000383 , L0000384 , L0000385 , L0000386 , L0000387 , L0000388 , L0000389 ,
L0000390 , L0000391 , L0000392 , L0000393 , L0000394 , L0000395 , L0000396 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	560277.30	560297.30	560317.30	560337.30	560357.30	560377.30	560397.30	560417.30	560437.30
4190825.17	2.36572	2.25541	2.15454	2.05568	1.95643	1.86184	1.77342	1.69130	1.61425
4190805.17	2.78432	2.63406	2.50341	2.37247	2.24238	2.12105	2.00928	1.90602	1.80931
4190785.17	3.32349	3.11560	2.92318	2.74336	2.57439	2.41985	2.27902	2.14941	2.02832
4190765.17	3.97762	3.69207	3.42940	3.18825	2.96943	2.77246	2.59422	2.43061	2.27846
4190745.17	4.79513	4.39991	4.04332	3.72365	3.43960	3.18692	2.95938	2.75149	2.55976
4190725.17	5.84415	5.28644	4.79695	4.36989	3.99756	3.66963	3.37640	3.11113	2.86974
4190705.17	7.19916	6.39860	5.72004	5.14418	4.65081	4.22145	3.84253	3.50525	3.20408
4190685.17	8.91559	7.76332	6.82243	6.04473	5.39072	4.83127	4.34689	3.92479	3.55605
4190665.17	10.98394	9.35277	8.06872	7.03484	6.18393	5.47139	4.86811	4.35407	3.91424
4190645.17	13.28234	11.05993	9.36959	8.04284	6.97499	6.10028	5.37552	4.76994	4.26016

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SEAWALL ***

INCLUDING SOURCE(S): L0000369 , L0000370 , L0000371 , L0000372 , L0000373 ,
L0000374 , L0000375 , L0000376 , L0000377 , L0000378 , L0000379 , L0000380 , L0000381 ,
L0000382 , L0000383 , L0000384 , L0000385 , L0000386 , L0000387 , L0000388 , L0000389 ,
L0000390 , L0000391 , L0000392 , L0000393 , L0000394 , L0000395 , L0000396 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 560457.30	560477.30	560497.30	560517.30	560537.30	560557.30	560577.30	560597.30	560617.30
4191625.17	0.15146	0.15006	0.14910	0.14860	0.14846	0.14850	0.14855	0.14840	0.14793
4191605.17	0.15607	0.15473	0.15386	0.15343	0.15322	0.15317	0.15312	0.15281	0.15206
4191585.17	0.16097	0.15970	0.15891	0.15852	0.15783	0.15757	0.15739	0.15688	0.15561
4191565.17	0.16561	0.16443	0.16373	0.16330	0.16270	0.16240	0.16205	0.16130	0.15969
4191545.17	0.17073	0.16963	0.16901	0.16867	0.16826	0.16796	0.16739	0.16633	0.16448
4191525.17	0.17661	0.17558	0.17502	0.17474	0.17452	0.17410	0.17326	0.17184	0.16979
4191505.17	0.18289	0.18193	0.18139	0.18109	0.18074	0.18008	0.17891	0.17710	0.17462
4191485.17	0.18959	0.18868	0.18832	0.18809	0.18755	0.18645	0.18474	0.18249	0.17957
4191465.17	0.19674	0.19587	0.19566	0.19564	0.19486	0.19314	0.19075	0.18803	0.18466
4191445.17	0.20438	0.20353	0.20301	0.20250	0.20141	0.19959	0.19694	0.19373	0.18990
4191425.17	0.21255	0.21169	0.21096	0.21002	0.20882	0.20669	0.20368	0.19996	0.19569
4191405.17	0.22129	0.22037	0.21945	0.21828	0.21701	0.21443	0.21087	0.20663	0.20193
4191385.17	0.23063	0.22960	0.22842	0.22672	0.22446	0.22153	0.21779	0.21307	0.20800
4191365.17	0.24110	0.23986	0.23809	0.23566	0.23259	0.22898	0.22462	0.21946	0.21430
4191345.17	0.25255	0.25103	0.24842	0.24502	0.24131	0.23675	0.23156	0.22604	0.22103
4191325.17	0.26312	0.26123	0.25854	0.25482	0.25043	0.24526	0.23961	0.23379	0.22873
4191305.17	0.27533	0.27265	0.26931	0.26513	0.26004	0.25431	0.24826	0.24226	0.23704
4191285.17	0.28928	0.28519	0.28094	0.27600	0.27025	0.26402	0.25768	0.25163	0.24621
4191265.17	0.30396	0.29850	0.29325	0.28756	0.28120	0.27457	0.26805	0.26205	0.25688
4191245.17	0.31912	0.31319	0.30671	0.29995	0.29307	0.28614	0.27955	0.27369	0.26887
4191225.17	0.33518	0.32903	0.32155	0.31338	0.30606	0.29892	0.29236	0.28674	0.28234
4191205.17	0.35240	0.34586	0.33748	0.32805	0.32038	0.31312	0.30667	0.30139	0.29751
4191185.17	0.37096	0.36360	0.35467	0.34419	0.33623	0.32893	0.32271	0.31790	0.31460
4191165.17	0.39116	0.38290	0.37319	0.36226	0.35386	0.34663	0.34079	0.33654	0.33385
4191145.17	0.41328	0.40412	0.39448	0.38464	0.37426	0.36657	0.36123	0.35760	0.35542
4191125.17	0.43762	0.42754	0.41744	0.40779	0.39751	0.38914	0.38340	0.38033	0.37777
4191105.17	0.46452	0.45351	0.44283	0.43309	0.42404	0.41502	0.40805	0.40534	0.40101
4191085.17	0.49438	0.48250	0.47139	0.46171	0.45378	0.44690	0.44095	0.43810	0.43512
4191065.17	0.52776	0.51480	0.50328	0.49374	0.48631	0.48030	0.47550	0.47116	0.46737
4191045.17	0.56516	0.55063	0.53851	0.52918	0.52197	0.51640	0.51103	0.50444	0.49901
4191025.17	0.60669	0.59229	0.57898	0.56799	0.56066	0.55449	0.54857		

0.54325 0.53719
4191005.17 | 0.65203 0.63786 0.62453 0.61345 0.60669 0.59943 0.59175
0.58528 0.57584
4190985.17 | 0.70390 0.68912 0.67664 0.66644 0.66001 0.65066 0.63977
0.62887 0.61511
4190965.17 | 0.76732 0.75122 0.73712 0.72476 0.71579 0.70297 0.68820
0.67349 0.65588
4190945.17 | 0.84316 0.82458 0.80752 0.79155 0.77682 0.75891 0.73951
0.72052 0.69874
4190925.17 | 0.93162 0.90901 0.88731 0.86542 0.84261 0.81860 0.79401
0.77036 0.74411
4190905.17 | 1.02650 0.99828 0.97043 0.94205 0.91274 0.88255 0.85229
0.82366 0.79264
4190885.17 | 1.13295 1.09714 1.06146 1.02533 0.98867 0.95169 0.91531
0.88132 0.84525
4190865.17 | 1.25200 1.20661 1.16155 1.11655 1.07171 1.02729 0.98483
0.94443 0.90303
4190845.17 | 1.38663 1.33365 1.27788 1.22244 1.16809 1.11503 1.06349
1.01444 0.96710

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SEAWALL
***
INCLUDING SOURCE(S): L0000369 , L0000370 , L0000371 , L0000372 ,
L0000373 ,
L0000374 , L0000375 , L0000376 , L0000377 , L0000378 , L0000379 , L0000380 ,
L0000381 ,
L0000382 , L0000383 , L0000384 , L0000385 , L0000386 , L0000387 , L0000388 ,
L0000389 ,
L0000390 , L0000391 , L0000392 , L0000393 , L0000394 , L0000395 , L0000396 ,
. . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD | X-COORD (METERS)
(METERS) | 560457.30 560477.30 560497.30 560517.30 560537.30 560557.30 560577.30
560597.30 560617.30
- -
- - - - - - - -

4190825.17 | 1.54163 1.47306 1.40420 1.33697 1.27191 1.20922 1.14918
1.09215 1.03849
4190805.17 | 1.71739 1.62933 1.54479 1.46373 1.38626 1.31263 1.24318
1.17821 1.11788
4190785.17 | 1.91395 1.80543 1.70242 1.60486 1.51292 1.42688 1.34695
1.27317 1.20533
4190765.17 | 2.13597 2.00225 1.87693 1.76001 1.65157 1.55168 1.46011
1.37644 1.30005
4190745.17 | 2.38227 2.21804 2.06660 1.92770 1.80098 1.68582 1.58137
1.48661 1.40051
4190725.17 | 2.64987 2.45007 2.26922 2.10615 1.95948 1.82760 1.70889
1.60176 1.50474
4190705.17 | 2.93525 2.69579 2.48287 2.29365 2.12529 1.97510 1.84065
1.71974 1.61051
4190685.17 | 3.23372 2.95174 2.70462 2.48737 2.29557 2.12541 1.97365
1.83759 1.71499
4190665.17 | 3.53646 3.21052 2.92779 2.68107 2.46441 2.27296 2.10279
1.95071 1.81414
4190645.17 | 3.82778 3.45819 3.13976 2.86327 2.62147 2.40861 2.22011
2.05232 1.90227

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SEAWALL ***

INCLUDING SOURCE(S): L0000369 , L0000370 , L0000371 , L0000372 , L0000373 ,
L0000374 , L0000375 , L0000376 , L0000377 , L0000378 , L0000379 , L0000380 , L0000381 ,
L0000382 , L0000383 , L0000384 , L0000385 , L0000386 , L0000387 , L0000388 , L0000389 ,
L0000390 , L0000391 , L0000392 , L0000393 , L0000394 , L0000395 , L0000396 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)								
	560637.30	560657.30	560677.30	560697.30	560717.30	560737.30	560757.30	560777.30	560797.30
4191625.17	0.14701	0.14559	0.14367	0.14127	0.13823	0.13504	0.13181	0.12855	0.12527
4191605.17	0.15075	0.14902	0.14677	0.14397	0.14039	0.13693	0.13361	0.13040	0.12735
4191585.17	0.15380	0.15173	0.14916	0.14607	0.14245	0.13889	0.13550	0.13258	0.12969
4191565.17	0.15749	0.15507	0.15218	0.14891	0.14558	0.14187	0.13813	0.13502	0.13228
4191545.17	0.16203	0.15923	0.15605	0.15268	0.14902	0.14520	0.14147	0.13809	0.13541
4191525.17	0.16712	0.16393	0.16065	0.15706	0.15275	0.14888	0.14535	0.14172	0.13917
4191505.17	0.17154	0.16799	0.16442	0.16069	0.15658	0.15261	0.14907	0.14623	0.14394
4191485.17	0.17608	0.17218	0.16823	0.16430	0.16042	0.15669	0.15345	0.15108	0.14919
4191465.17	0.18076	0.17654	0.17218	0.16805	0.16452	0.16127	0.15856	0.15627	0.15508
4191445.17	0.18563	0.18113	0.17685	0.17287	0.16890	0.16598	0.16401	0.16247	0.16154
4191425.17	0.19106	0.18634	0.18199	0.17799	0.17399	0.17141	0.16991	0.16908	0.16850
4191405.17	0.19700	0.19213	0.18760	0.18359	0.17993	0.17758	0.17634	0.17629	0.17608
4191385.17	0.20287	0.19796	0.19359	0.18991	0.18667	0.18479	0.18391	0.18386	0.18361
4191365.17	0.20925	0.20444	0.20017	0.19673	0.19420	0.19287	0.19239	0.19248	0.19232
4191345.17	0.21630	0.21170	0.20751	0.20435	0.20266	0.20185	0.20171	0.20206	0.20229
4191325.17	0.22416	0.21988	0.21611	0.21342	0.21220	0.21178	0.21184	0.21193	0.21253
4191305.17	0.23254	0.22867	0.22558	0.22357	0.22279	0.22271	0.22301	0.22302	0.22367
4191285.17	0.24171	0.23833	0.23609	0.23487	0.23449	0.23471	0.23509	0.23523	0.23582
4191265.17	0.25280	0.24993	0.24819	0.24743	0.24740	0.24749	0.24772	0.24823	0.24871
4191245.17	0.26527	0.26292	0.26169	0.26134	0.26158	0.26151	0.26151	0.26203	0.26223
4191225.17	0.27928	0.27748	0.27672	0.27668	0.27707	0.27703	0.27658		

```
0.27664      0.27621
  4191205.17 |       0.29502      0.29374      0.29336      0.29349      0.29382      0.29389      0.29332
0.29193      0.29051
  4191185.17 |       0.31269      0.31183      0.31165      0.31173      0.31173      0.31106      0.30967
0.30745      0.30532
  4191165.17 |       0.33241      0.33179      0.33155      0.33128      0.33064      0.32856      0.32575
0.32306      0.32046
  4191145.17 |       0.35425      0.35359      0.35296      0.35179      0.34924      0.34651      0.34316
0.34011      0.33574
  4191125.17 |       0.37564      0.37532      0.37441      0.37262      0.36892      0.36542      0.36146
0.35684      0.35093
  4191105.17 |       0.39468      0.39661      0.39596      0.39384      0.38949      0.38535      0.38026
0.37333      0.36574
  4191085.17 |       0.43144      0.42742      0.42356      0.41866      0.41248      0.40564      0.39822
0.38964      0.38043
  4191065.17 |       0.46297      0.45680      0.45040      0.44320      0.43579      0.42748      0.41816
0.40771      0.39668
  4191045.17 |       0.49293      0.48567      0.47726      0.46810      0.45939      0.44963      0.43820
0.42576      0.41285
  4191025.17 |       0.52940      0.51940      0.50831      0.49647      0.48394      0.47061      0.45675
0.44233      0.42768
  4191005.17 |       0.56436      0.55141      0.53752      0.52287      0.50758      0.49178      0.47562
0.45931      0.44311
  4190985.17 |       0.59995      0.58383      0.56697      0.54951      0.53160      0.51341      0.49518
0.47721      0.45980
  4190965.17 |       0.63708      0.61757      0.59753      0.57713      0.55657      0.53611      0.51609
0.49679      0.47847
  4190945.17 |       0.67604      0.65291      0.62955      0.60619      0.58312      0.56068      0.53917
0.51885      0.49983
  4190925.17 |       0.71726      0.69036      0.66365      0.63747      0.61216      0.58804      0.56532
0.54413      0.52445
  4190905.17 |       0.76145      0.73071      0.70078      0.67201      0.64471      0.61910      0.59526
0.57315      0.55268
  4190885.17 |       0.80956      0.77503      0.74202      0.71084      0.68166      0.65455      0.62943
0.60618      0.58464
  4190865.17 |       0.86275      0.82444      0.78840      0.75478      0.72358      0.69470      0.66798
0.64322      0.62025
  4190845.17 |       0.92208      0.87989      0.84064      0.80429      0.77067      0.73958      0.71079
0.68408      0.65922
```

```
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

                              *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: SEAWALL
***
                                  INCLUDING SOURCE(S):     L0000369    , L0000370    , L0000371    , L0000372    ,
L0000373    ,
                 L0000374    , L0000375    , L0000376    , L0000377    , L0000378    , L0000379    , L0000380    ,
L0000381    ,
                 L0000382    , L0000383    , L0000384    , L0000385    , L0000386    , L0000387    , L0000388    ,
L0000389    ,
                 L0000390    , L0000391    , L0000392    , L0000393    , L0000394    , L0000395    , L0000396    ,
. . .      ,

                                   *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                        ** CONC OF PM_10    IN MICROGRAMS/M**3                         **

    Y-COORD  |                                              X-COORD (METERS)
    (METERS) |     560637.30    560657.30    560677.30    560697.30    560717.30    560737.30    560757.30
560777.30    560797.30
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

  4190825.17 |       0.98841      0.94197      0.89904      0.85942      0.82282      0.78895      0.75754
```

								0.72831	0.70104
4190805.17	1.06215	1.01079	0.96349	0.91989	0.87960	0.84229	0.80762	0.77528	0.74502
4190785.17	1.14308	1.08593	1.03340	0.98499	0.94025	0.89876	0.86014	0.82406	0.79024
4190765.17	1.23025	1.16633	1.10764	1.05356	1.00355	0.95713	0.91389	0.87348	0.83560
4190745.17	1.32207	1.25036	1.18455	1.12392	1.06786	1.01583	0.96739	0.92217	0.87986
4190725.17	1.41653	1.33598	1.26213	1.19415	1.13136	1.07319	1.01915	0.96883	0.92189
4190705.17	1.51138	1.42102	1.33833	1.26238	1.19242	1.12780	1.06798	1.01247	0.96089
4190685.17	1.60401	1.50313	1.41111	1.32691	1.24963	1.17854	1.11300	1.05245	0.99643
4190665.17	1.69096	1.57945	1.47815	1.38585	1.30152	1.22429	1.15340	1.08820	1.02814
4190645.17	1.76753	1.64609	1.53626	1.43664	1.34602	1.26339	1.18787	1.11869	1.05520

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SEAWALL ***

INCLUDING SOURCE(S): L0000369 , L0000370 , L0000371 , L0000372 , L0000373 ,
L0000374 , L0000375 , L0000376 , L0000377 , L0000378 , L0000379 , L0000380 , L0000381 ,
L0000382 , L0000383 , L0000384 , L0000385 , L0000386 , L0000387 , L0000388 , L0000389 ,
L0000390 , L0000391 , L0000392 , L0000393 , L0000394 , L0000395 , L0000396 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 560817.30	560837.30	560857.30	560877.30	560897.30	560917.30	560937.30	560957.30	560977.30
4191625.17	0.12228	0.11982	0.11787	0.11647	0.11562	0.11523	0.11525	0.11556	0.11607
4191605.17	0.12462	0.12240	0.12082	0.11982	0.11926	0.11915	0.11938	0.11985	0.12048
4191585.17	0.12718	0.12525	0.12409	0.12359	0.12332	0.12345	0.12387	0.12447	0.12518
4191565.17	0.13010	0.12873	0.12784	0.12749	0.12750	0.12785	0.12846	0.12938	0.13019
4191545.17	0.13355	0.13269	0.13215	0.13201	0.13226	0.13278	0.13351	0.13446	0.13531
4191525.17	0.13768	0.13721	0.13700	0.13714	0.13759	0.13824	0.13900	0.13981	0.14064
4191505.17	0.14235	0.14227	0.14253	0.14305	0.14339	0.14408	0.14490	0.14574	0.14658
4191485.17	0.14806	0.14811	0.14853	0.14912	0.14973	0.15043	0.15117	0.15219	0.15308
4191465.17	0.15467	0.15477	0.15499	0.15543	0.15658	0.15732	0.15796	0.15916	0.16008
4191445.17	0.16121	0.16155	0.16210	0.16275	0.16372	0.16461	0.16537	0.16602	0.16671
4191425.17	0.16836	0.16870	0.16950	0.17047	0.17117	0.17201	0.17279		

0.17330   0.17384
  4191405.17 | 0.17601   0.17626   0.17723   0.17841   0.17891   0.17964   0.18041
0.18101   0.18141
  4191385.17 | 0.18343   0.18407   0.18537   0.18667   0.18740   0.18810   0.18870
0.18906   0.18914
  4191365.17 | 0.19230   0.19298   0.19429   0.19559   0.19637   0.19694   0.19726
0.19727   0.19694
  4191345.17 | 0.20260   0.20289   0.20406   0.20527   0.20582   0.20608   0.20599
0.20555   0.20473
  4191325.17 | 0.21314   0.21334   0.21439   0.21538   0.21557   0.21538   0.21480
0.21381   0.21242
  4191305.17 | 0.22442   0.22441   0.22520   0.22581   0.22551   0.22476   0.22358
0.22197   0.21995
  4191285.17 | 0.23638   0.23599   0.23624   0.23645   0.23552   0.23412   0.23227
0.22998   0.22728
  4191265.17 | 0.24890   0.24795   0.24720   0.24648   0.24541   0.24340   0.24081
0.23780   0.23435
  4191245.17 | 0.26184   0.26015   0.25879   0.25727   0.25533   0.25254   0.24917
0.24535   0.24107
  4191225.17 | 0.27505   0.27260   0.27066   0.26855   0.26526   0.26150   0.25726
0.25256   0.24739
  4191205.17 | 0.28871   0.28641   0.28310   0.27911   0.27490   0.27020   0.26514
0.26006   0.25371
  4191185.17 | 0.30279   0.29974   0.29525   0.29009   0.28485   0.27883   0.27247
0.26629   0.25926
  4191165.17 | 0.31712   0.31236   0.30703   0.30117   0.29477   0.28733   0.27920
0.27156   0.26435
  4191145.17 | 0.33070   0.32473   0.31818   0.31108   0.30346   0.29527   0.28662
0.27810   0.27056
  4191125.17 | 0.34421   0.33689   0.32900   0.32058   0.31173   0.30288   0.29388
0.28505   0.27672
  4191105.17 | 0.35754   0.34875   0.33944   0.32971   0.31988   0.31042   0.30140
0.29215   0.28297
  4191085.17 | 0.37082   0.36143   0.35085   0.34004   0.32974   0.31919   0.30883
0.29903   0.28977
  4191065.17 | 0.38514   0.37395   0.36212   0.35022   0.33878   0.32758   0.31696
0.30687   0.29755
  4191045.17 | 0.39964   0.38635   0.37322   0.36050   0.34836   0.33692   0.32615
0.31573   0.30630
  4191025.17 | 0.41303   0.39866   0.38480   0.37165   0.35930   0.34761   0.33645
0.32549   0.31652
  4191005.17 | 0.42732   0.41218   0.39787   0.38447   0.37201   0.36009   0.34859
0.33749   0.32852
  4190985.17 | 0.44318   0.42754   0.41293   0.39937   0.38680   0.37486   0.36313
0.35188   0.34231
  4190965.17 | 0.46127   0.44526   0.43041   0.41665   0.40390   0.39202   0.38070
0.36851   0.35857
  4190945.17 | 0.48215   0.46577   0.45060   0.43654   0.42350   0.41138   0.39989
0.38729   0.37681
  4190925.17 | 0.50623   0.48935   0.47371   0.45919   0.44569   0.43311   0.42113
0.40791   0.39686
  4190905.17 | 0.53372   0.51613   0.49980   0.48459   0.47040   0.45712   0.44439
0.43028   0.41838
  4190885.17 | 0.56466   0.54607   0.52875   0.51256   0.49737   0.48307   0.46938
0.45466   0.44135
  4190865.17 | 0.59887   0.57893   0.56026   0.54271   0.52615   0.51046   0.49546
0.48029   0.46535
  4190845.17 | 0.63601   0.61426   0.59380   0.57448   0.55616   0.53874   0.52210
0.50600   0.48928

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                           *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: SEAWALL
***

  4190825.17 | 0.67549   0.65145   0.62876   0.60726   0.58682   0.56735   0.54875
0.53096   0.51268
  4190805.17 | 0.71659   0.68978   0.66443   0.64039   0.61754   0.59578   0.57502
0.55520   0.53497
  4190785.17 | 0.75843   0.72843   0.70007   0.67319   0.64769   0.62346   0.60040
0.57845   0.55619
  4190765.17 | 0.79999   0.76646   0.73482   0.70492   0.67661   0.64980   0.62438
0.60025   0.57617
  4190745.17 | 0.84018   0.80291   0.76785   0.73482   0.70367   0.67427   0.64650
0.62025   0.59494
  4190725.17 | 0.87802   0.83695   0.79847   0.76236   0.72844   0.69656   0.66658
0.63835   0.61166
  4190705.17 | 0.91288   0.86813   0.82637   0.78735   0.75086   0.71671   0.68471
0.65470   0.62654
  4190685.17 | 0.94451   0.89633   0.85156   0.80991   0.77111   0.73494   0.70116
0.66959   0.64006
  4190665.17 | 0.97271   0.92148   0.87407   0.83011   0.78931   0.75137   0.71606
0.68314   0.65242
  4190645.17 | 0.99682   0.94305   0.89343   0.84756   0.80509   0.76570   0.72912
0.69509   0.66338

  4191625.17 | 0.11672   0.11736   0.11799   0.11866   0.11931   0.11997   0.12063

0.12125 0.12183
4191605.17 | 0.12120 0.12183 0.12252 0.12319 0.12383 0.12448 0.12512
0.12572 0.12627
4191585.17 | 0.12591 0.12640 0.12729 0.12819 0.12863 0.12921 0.12983
0.13040 0.13090
4191565.17 | 0.13093 0.13143 0.13232 0.13327 0.13388 0.13435 0.13476
0.13526 0.13567
4191545.17 | 0.13612 0.13683 0.13772 0.13857 0.13922 0.13959 0.13987
0.14027 0.14054
4191525.17 | 0.14151 0.14263 0.14346 0.14413 0.14472 0.14499 0.14514
0.14538 0.14546
4191505.17 | 0.14739 0.14826 0.14916 0.14990 0.15015 0.15040 0.15050
0.15053 0.15035
4191485.17 | 0.15382 0.15443 0.15515 0.15578 0.15600 0.15605 0.15590
0.15564 0.15513
4191465.17 | 0.16070 0.16098 0.16134 0.16168 0.16215 0.16187 0.16125
0.16063 0.15974
4191445.17 | 0.16732 0.16765 0.16784 0.16788 0.16779 0.16732 0.16647
0.16544 0.16410
4191425.17 | 0.17427 0.17447 0.17443 0.17413 0.17355 0.17268 0.17151
0.16983 0.16793
4191405.17 | 0.18156 0.18144 0.18102 0.18032 0.17930 0.17796 0.17622
0.17376 0.17126
4191385.17 | 0.18892 0.18839 0.18754 0.18636 0.18484 0.18298 0.18076
0.17805 0.17507
4191365.17 | 0.19627 0.19526 0.19390 0.19219 0.19012 0.18754 0.18460
0.18145 0.17799
4191345.17 | 0.20353 0.20198 0.20006 0.19776 0.19508 0.19166 0.18787
0.18416 0.18018
4191325.17 | 0.21064 0.20848 0.20594 0.20292 0.19920 0.19536 0.19120
0.18693 0.18248
4191305.17 | 0.21754 0.21472 0.21133 0.20745 0.20311 0.19852 0.19370
0.18895 0.18453
4191285.17 | 0.22417 0.22063 0.21622 0.21143 0.20678 0.20125 0.19496
0.18979 0.18625
4191265.17 | 0.23046 0.22615 0.22096 0.21543 0.21014 0.20403 0.19700
0.18991 0.18417
4191245.17 | 0.23636 0.23123 0.22526 0.21904 0.21318 0.20659 0.19918
0.19233 0.18535
4191225.17 | 0.24181 0.23587 0.22927 0.22234 0.21604 0.20912 0.20175
0.19606 0.18952
4191205.17 | 0.24680 0.24011 0.23321 0.22614 0.21902 0.21181 0.20432
0.19868 0.19388
4191185.17 | 0.25189 0.24456 0.23709 0.22973 0.22228 0.21528 0.20849
0.20292 0.19853
4191165.17 | 0.25714 0.24923 0.24126 0.23336 0.22589 0.21936 0.21349
0.20800 0.20287
4191145.17 | 0.26294 0.25390 0.24581 0.23832 0.23090 0.22417 0.21797
0.21258 0.20754
4191125.17 | 0.26837 0.25929 0.25088 0.24324 0.23622 0.22968 0.22368
0.21837 0.21340
4191105.17 | 0.27423 0.26566 0.25687 0.24862 0.24215 0.23612 0.23048
0.22522 0.22031
4191085.17 | 0.28106 0.27255 0.26380 0.25559 0.24920 0.24323 0.23767
0.23248 0.22765
4191065.17 | 0.28888 0.28055 0.27228 0.26443 0.25724 0.25122 0.24596
0.24085 0.23609
4191045.17 | 0.29777 0.28971 0.28247 0.27509 0.26639 0.26031 0.25547
0.25041 0.24570
4191025.17 | 0.30832 0.29912 0.29223 0.28635 0.27922 0.27210 0.26556
0.26111 0.25648
4191005.17 | 0.32033 0.31105 0.30433 0.29835 0.29196 0.28472 0.27778
0.27311 0.26832
4190985.17 | 0.33375 0.32579 0.31837 0.31144 0.30495 0.29815 0.29173
0.28627 0.28103
4190965.17 | 0.34984 0.34168 0.33356 0.32576 0.31899 0.31284 0.30694
0.30098 0.29482
4190945.17 | 0.36774 0.35868 0.34995 0.34183 0.33504 0.32863 0.32226
0.31565 0.30882

```
  4190925.17 |       0.38703      0.37657      0.36753      0.35958      0.35255      0.34505      0.33746
0.33006      0.32286
  4190905.17 |       0.40769      0.39627      0.38689      0.37854      0.37074      0.36179      0.35264
0.34437      0.33631
  4190885.17 |       0.42908      0.41709      0.40697      0.39788      0.38846      0.37793      0.36758
0.35836      0.34941
  4190865.17 |       0.45097      0.43849      0.42747      0.41675      0.40540      0.39371      0.38211
0.37205      0.36215
  4190845.17 |       0.47280      0.45996      0.44689      0.43425      0.42166      0.40932      0.39743
0.38682      0.37596
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                  ***
  09:59:03

  PAGE 929
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

                            *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: SEAWALL
***
                                INCLUDING SOURCE(S):     L0000369    , L0000370    , L0000371    , L0000372    ,
L0000373    ,
                L0000374    , L0000375    , L0000376    , L0000377    , L0000378    , L0000379    , L0000380    ,
L0000381    ,
                L0000382    , L0000383    , L0000384    , L0000385    , L0000386    , L0000387    , L0000388    ,
L0000389    ,
                L0000390    , L0000391    , L0000392    , L0000393    , L0000394    , L0000395    , L0000396    ,
. . .       ,

                                 *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                      ** CONC OF PM_10    IN MICROGRAMS/M**3                          **

    Y-COORD  |                                            X-COORD (METERS)
    (METERS) |     560997.30    561017.30    561037.30    561057.30    561077.30    561097.30    561117.30
561137.30    561157.30
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

  4190825.17 |       0.49398      0.48009      0.46588      0.45170      0.43778      0.42438      0.41160
0.39949      0.38758
  4190805.17 |       0.51440      0.49894      0.48367      0.46821      0.45294      0.43830      0.42426
0.41079      0.39788
  4190785.17 |       0.53371      0.51664      0.49986      0.48301      0.46643      0.45060      0.43548
0.42103      0.40722
  4190765.17 |       0.55267      0.53318      0.51469      0.49650      0.47869      0.46175      0.44563
0.43028      0.41566
  4190745.17 |       0.57034      0.54819      0.52795      0.50867      0.48976      0.47182      0.45480
0.43865      0.42332
  4190725.17 |       0.58606      0.56041      0.53877      0.51902      0.49972      0.48098      0.46319
0.44635      0.43040
  4190705.17 |       0.59974      0.57194      0.54900      0.52860      0.50889      0.48949      0.47101
0.45357      0.43707
  4190685.17 |       0.61203      0.58309      0.55922      0.53802      0.51748      0.49752      0.47845
0.46047      0.44349
  4190665.17 |       0.62334      0.59342      0.56874      0.54635      0.52381      0.50417      0.48553
0.46708      0.44968
  4190645.17 |       0.63357      0.60358      0.57789      0.55409      0.52928      0.51007      0.49208
0.47323      0.45547
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                  ***
  09:59:03

  PAGE 930
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

                            *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: SEAWALL
***
```

INCLUDING SOURCE(S): L0000369 , L0000370 , L0000371 , L0000372 , L0000373 ,
L0000374 , L0000375 , L0000376 , L0000377 , L0000378 , L0000379 , L0000380 , L0000381 ,
L0000382 , L0000383 , L0000384 , L0000385 , L0000386 , L0000387 , L0000388 , L0000389 ,
L0000390 , L0000391 , L0000392 , L0000393 , L0000394 , L0000395 , L0000396 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)								
	561177.30	561197.30	561217.30	561237.30	561257.30	561277.30	561297.30	561317.30	561337.30
4191625.17	0.12237	0.12287	0.12331	0.12369	0.12399	0.12416	0.12419	0.12403	0.12348
4191605.17	0.12677	0.12721	0.12757	0.12783	0.12796	0.12793	0.12771	0.12725	0.12636
4191585.17	0.13132	0.13166	0.13188	0.13197	0.13188	0.13158	0.13104	0.13024	0.12898
4191565.17	0.13598	0.13616	0.13619	0.13603	0.13565	0.13503	0.13413	0.13295	0.13130
4191545.17	0.14068	0.14065	0.14041	0.13995	0.13923	0.13823	0.13694	0.13535	0.13330
4191525.17	0.14536	0.14505	0.14449	0.14366	0.14255	0.14113	0.13943	0.13744	0.13501
4191505.17	0.14994	0.14928	0.14834	0.14711	0.14556	0.14372	0.14159	0.13922	0.13643
4191485.17	0.15436	0.15330	0.15202	0.15038	0.14829	0.14597	0.14344	0.14058	0.13762
4191465.17	0.15854	0.15703	0.15539	0.15342	0.15069	0.14786	0.14492	0.14161	0.13864
4191445.17	0.16243	0.16043	0.15800	0.15523	0.15227	0.14905	0.14566	0.14282	0.13967
4191425.17	0.16576	0.16309	0.16017	0.15707	0.15362	0.14964	0.14601	0.14369	0.14043
4191405.17	0.16848	0.16475	0.16192	0.15875	0.15445	0.15053	0.14699	0.14432	0.14100
4191385.17	0.17184	0.16823	0.16417	0.15973	0.15672	0.15300	0.14930	0.14577	0.14228
4191365.17	0.17426	0.17033	0.16605	0.16176	0.15822	0.15443	0.15060	0.14695	0.14346
4191345.17	0.17601	0.17173	0.16775	0.16377	0.15960	0.15558	0.15175	0.14810	0.14465
4191325.17	0.17792	0.17335	0.16919	0.16511	0.16089	0.15686	0.15305	0.14943	0.14601
4191305.17	0.17998	0.17521	0.17066	0.16636	0.16226	0.15833	0.15455	0.15097	0.14758
4191285.17	0.18201	0.17719	0.17227	0.16766	0.16380	0.16003	0.15630	0.15277	0.14943
4191265.17	0.17926	0.17574	0.17343	0.16980	0.16511	0.16156	0.15831	0.15456	0.15140
4191245.17	0.17943	0.17551	0.17442	0.17190	0.16574	0.16236	0.16003	0.15655	0.15382
4191225.17	0.18292	0.17825	0.17647	0.17394	0.16649	0.16206	0.15882	0.15746	0.15658
4191205.17	0.18946	0.18480	0.18042	0.17578	0.17099	0.16541	0.16075	0.15895	0.15966
4191185.17	0.19401	0.18942	0.18478	0.17969	0.17467	0.16894	0.16475	0.16253	0.16342
4191165.17	0.19807	0.19357	0.18935	0.18505	0.17753	0.17333	0.17044	0.16757	0.16826
4191145.17	0.20292	0.19894	0.19463	0.19007	0.18256	0.18051	0.17902	0.17522	0.17468

```
  4191125.17 |       0.20884      0.20484      0.20046      0.19612      0.19128      0.18918      0.18681
0.18363      0.18141
  4191105.17 |       0.21573      0.21147      0.20717      0.20318      0.20026      0.19724      0.19428
0.19150      0.18889
  4191085.17 |       0.22317      0.21900      0.21503      0.21126      0.20807      0.20500      0.20211
0.19967      0.19683
  4191065.17 |       0.23168      0.22757      0.22373      0.22014      0.21676      0.21355      0.21057
0.20817      0.20524
  4191045.17 |       0.24131      0.23719      0.23331      0.22964      0.22613      0.22277      0.21968
0.21699      0.21403
  4191025.17 |       0.25201      0.24777      0.24374      0.23986      0.23611      0.23274      0.22952
0.22618      0.22281
  4191005.17 |       0.26364      0.25915      0.25502      0.25101      0.24688      0.24312      0.23942
0.23550      0.23163
  4190985.17 |       0.27597      0.27107      0.26685      0.26269      0.25807      0.25354      0.24908
0.24469      0.24037
  4190965.17 |       0.28886      0.28400      0.27888      0.27384      0.26867      0.26360      0.25861
0.25372      0.24891
  4190945.17 |       0.30229      0.29667      0.29101      0.28522      0.27922      0.27345      0.26791
0.26248      0.25715
  4190925.17 |       0.31582      0.30895      0.30273      0.29661      0.28949      0.28299      0.27686
0.27087      0.26501
  4190905.17 |       0.32846      0.32082      0.31311      0.30561      0.29889      0.29210      0.28537
0.27881      0.27241
  4190885.17 |       0.34070      0.33224      0.32389      0.31577      0.30813      0.30070      0.29335
0.28622      0.27928
  4190865.17 |       0.35255      0.34325      0.33477      0.32639      0.31715      0.30870      0.30064
0.29305      0.28559
  4190845.17 |       0.36538      0.35515      0.34473      0.33442      0.32500      0.31519      0.30623
0.29962      0.29176
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

  PAGE 931
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

                           *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: SEAWALL
***
                               INCLUDING SOURCE(S):     L0000369    , L0000370    , L0000371    , L0000372    ,
L0000373    ,
                L0000374    , L0000375    , L0000376    , L0000377    , L0000378    , L0000379    , L0000380    ,
L0000381    ,
                L0000382    , L0000383    , L0000384    , L0000385    , L0000386    , L0000387    , L0000388    ,
L0000389    ,
                L0000390    , L0000391    , L0000392    , L0000393    , L0000394    , L0000395    , L0000396    ,
. . .       ,

                                *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                    ** CONC OF PM_10    IN MICROGRAMS/M**3                          **

    Y-COORD  |                                          X-COORD (METERS)
    (METERS) |     561177.30    561197.30    561217.30    561237.30    561257.30    561277.30    561297.30
561317.30    561337.30
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

  4190825.17 |       0.37607      0.36498      0.35394      0.34289      0.33241      0.32199      0.31235
0.30448      0.29643
  4190805.17 |       0.38549      0.37361      0.36221      0.35113      0.33927      0.32878      0.31898
0.30829      0.30003
  4190785.17 |       0.39403      0.38141      0.36936      0.35767      0.34524      0.33425      0.32426
0.31482      0.30452
  4190765.17 |       0.40174      0.38847      0.37583      0.36368      0.35109      0.33951      0.32900
0.31994      0.30916
  4190745.17 |       0.40876      0.39492      0.38177      0.36921      0.35678      0.34470      0.33331
0.32384      0.31371
```

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SEAWALL ***

INCLUDING SOURCE(S): L0000369 , L0000370 , L0000371 , L0000372 , L0000373 ,
L0000374 , L0000375 , L0000376 , L0000377 , L0000378 , L0000379 , L0000380 , L0000381 ,
L0000382 , L0000383 , L0000384 , L0000385 , L0000386 , L0000387 , L0000388 , L0000389 ,
L0000390 , L0000391 , L0000392 , L0000393 , L0000394 , L0000395 , L0000396 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)		
	561357.30	561377.30	561397.30
4191625.17	0.12266	0.12178	0.12064
4191605.17	0.12519	0.12396	0.12246
4191585.17	0.12743	0.12583	0.12399
4191565.17	0.12937	0.12741	0.12525
4191545.17	0.13101	0.12872	0.12628
4191525.17	0.13237	0.12980	0.12713
4191505.17	0.13350	0.13069	0.12785
4191485.17	0.13458	0.13151	0.12852
4191465.17	0.13568	0.13228	0.12917
4191445.17	0.13647	0.13301	0.12987
4191425.17	0.13708	0.13371	0.13063
4191405.17	0.13768	0.13451	0.13150
4191385.17	0.13896	0.13580	0.13266
4191365.17	0.14015	0.13701	0.13380
4191345.17	0.14136	0.13824	0.13505
4191325.17	0.14275	0.13966	0.13650
4191305.17	0.14437	0.14132	0.13829
4191285.17	0.14627	0.14327	0.14045
4191265.17	0.14852	0.14560	0.14286
4191245.17	0.15119	0.14837	0.14563
4191225.17	0.15435	0.15164	0.14886
4191205.17	0.15807	0.15547	0.15280
4191185.17	0.16240	0.16008	0.15756
4191165.17	0.16745	0.16546	0.16311
4191145.17	0.17319	0.17156	0.16925
4191125.17	0.17961	0.17809	0.17581
4191105.17	0.18662	0.18508	0.18278
4191085.17	0.19418	0.19255	0.19029
4191065.17	0.20239	0.20044	0.19795
4191045.17	0.21105	0.20854	0.20569
4191025.17	0.21948	0.21664	0.21345
4191005.17	0.22758	0.22450	0.22098
4190985.17	0.23523	0.23189	0.22810
4190965.17	0.24233	0.23875	0.23481
4190945.17	0.24880	0.24502	0.24104
4190925.17	0.25460	0.25064	0.24665
4190905.17	0.25973	0.25562	0.25164
4190885.17	0.26424	0.26000	0.25601
4190865.17	0.26819	0.26381	0.25977
4190845.17	0.27164	0.26710	0.26299
4190825.17	0.27466	0.26997	0.26577
4190805.17	0.27731	0.27246	0.26817
4190785.17	0.27964	0.27460	0.27022
4190765.17	0.28169	0.27643	0.27196
4190745.17	0.28349	0.27797	0.27342
4190725.17	0.28507	0.27926	0.27463
4190705.17	0.28645	0.28032	0.27560
4190685.17	0.28765	0.28117	0.27634
4190665.17	0.28868	0.28182	0.27686
4190645.17	0.28955	0.28229	0.27716

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SEAWALL ***

INCLUDING SOURCE(S): L0000369 , L0000370 , L0000371 , L0000372 , L0000373 ,
L0000374 , L0000375 , L0000376 , L0000377 , L0000378 , L0000379 , L0000380 , L0000381 ,
L0000382 , L0000383 , L0000384 , L0000385 , L0000386 , L0000387 , L0000388 , L0000389 ,
L0000390 , L0000391 , L0000392 , L0000393 , L0000394 , L0000395 , L0000396 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)		
	561357.30	561377.30	561397.30
4191625.17	0.12266	0.12178	0.12064
4191605.17	0.12519	0.12396	0.12246
4191585.17	0.12743	0.12583	0.12399
4191565.17	0.12937	0.12741	0.12525
4191545.17	0.13101	0.12872	0.12628
4191525.17	0.13237	0.12980	0.12713
4191505.17	0.13350	0.13069	0.12785
4191485.17	0.13458	0.13151	0.12852
4191465.17	0.13568	0.13228	0.12917
4191445.17	0.13647	0.13301	0.12987
4191425.17	0.13708	0.13371	0.13063
4191405.17	0.13768	0.13451	0.13150
4191385.17	0.13896	0.13580	0.13266
4191365.17	0.14015	0.13701	0.13380
4191345.17	0.14136	0.13824	0.13505
4191325.17	0.14275	0.13966	0.13650
4191305.17	0.14437	0.14132	0.13829
4191285.17	0.14627	0.14327	0.14045
4191265.17	0.14852	0.14560	0.14286
4191245.17	0.15119	0.14837	0.14563
4191225.17	0.15435	0.15164	0.14886
4191205.17	0.15807	0.15547	0.15280
4191185.17	0.16240	0.16008	0.15756
4191165.17	0.16745	0.16546	0.16311
4191145.17	0.17319	0.17156	0.16925
4191125.17	0.17961	0.17809	0.17581
4191105.17	0.18662	0.18508	0.18278
4191085.17	0.19418	0.19255	0.19029
4191065.17	0.20239	0.20044	0.19795
4191045.17	0.21105	0.20854	0.20569
4191025.17	0.21948	0.21664	0.21345

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  4191005.17 |       0.22790      0.22469      0.22111
  4190985.17 |       0.23620      0.23258      0.22859
  4190965.17 |       0.24427      0.24021      0.23580
  4190945.17 |       0.25202      0.24752      0.24265
  4190925.17 |       0.25938      0.25441      0.24909
  4190905.17 |       0.26617      0.26028      0.25471
  4190885.17 |       0.27254      0.26600      0.26009
  4190865.17 |       0.27837      0.27138      0.26508
  4190845.17 |       0.28367      0.27627      0.26960
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                            *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: SEAWALL
***
                                INCLUDING SOURCE(S):     L0000369    , L0000370    , L0000371    , L0000372    ,
L0000373    ,
                L0000374    , L0000375    , L0000376    , L0000377    , L0000378    , L0000379    , L0000380    ,
L0000381    ,
                L0000382    , L0000383    , L0000384    , L0000385    , L0000386    , L0000387    , L0000388    ,
L0000389    ,
                L0000390    , L0000391    , L0000392    , L0000393    , L0000394    , L0000395    , L0000396    ,
. . .       ,

                                *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10    IN MICROGRAMS/M**3                         **

    Y-COORD  |                                            X-COORD (METERS)
    (METERS) |     561357.30    561377.30    561397.30
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

  4190825.17 |       0.28847      0.28070      0.27370
  4190805.17 |       0.29271      0.28462      0.27734
  4190785.17 |       0.29467      0.28736      0.28017
  4190765.17 |       0.29846      0.29023      0.28285
  4190745.17 |       0.30361      0.29345      0.28557
  4190725.17 |       0.30584      0.29737      0.28896
  4190705.17 |       0.30860      0.30066      0.29206
  4190685.17 |       0.31200      0.30334      0.29504
  4190665.17 |       0.31681      0.30632      0.29757
  4190645.17 |       0.32091      0.31025      0.30091
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                            *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: SEAWALL
***
                                INCLUDING SOURCE(S):     L0000369    , L0000370    , L0000371    , L0000372    ,
L0000373    ,
                L0000374    , L0000375    , L0000376    , L0000377    , L0000378    , L0000379    , L0000380    ,
L0000381    ,
                L0000382    , L0000383    , L0000384    , L0000385    , L0000386    , L0000387    , L0000388    ,
L0000389    ,
                L0000390    , L0000391    , L0000392    , L0000393    , L0000394    , L0000395    , L0000396    ,
. . .       ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                     ** CONC OF PM_10    IN MICROGRAMS/M**3                         **
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X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
560122.00	4190978.00	0.96952	560142.00	4190978.00	0.95495
560162.00	4190978.00	0.94726	560182.00	4190978.00	0.94596
560202.00	4190978.00	0.94648	560222.00	4190978.00	0.94493
560242.00	4190978.00	0.93893	560262.00	4190978.00	0.92847
560102.00	4190998.00	0.88559	560122.00	4190998.00	0.87116
560142.00	4190998.00	0.85706	560162.00	4190998.00	0.85132
560182.00	4190998.00	0.85227	560202.00	4190998.00	0.85487
560222.00	4190998.00	0.85528	560242.00	4190998.00	0.85171
560262.00	4190998.00	0.84369	560282.00	4190998.00	0.83126
560302.00	4190998.00	0.81460	560322.00	4190998.00	0.79734
560102.00	4191018.00	0.80224	560122.00	4191018.00	0.78698
560142.00	4191018.00	0.77398	560162.00	4191018.00	0.76972
560182.00	4191018.00	0.77223	560202.00	4191018.00	0.77635
560222.00	4191018.00	0.77803	560242.00	4191018.00	0.77570
560262.00	4191018.00	0.76936	560282.00	4191018.00	0.75952
560302.00	4191018.00	0.74700	560322.00	4191018.00	0.73282
560342.00	4191018.00	0.71784	560362.00	4191018.00	0.70240
560382.00	4191018.00	0.68645	560402.00	4191018.00	0.66951
560102.00	4191038.00	0.73158	560122.00	4191038.00	0.71481
560142.00	4191038.00	0.70295	560162.00	4191038.00	0.69978
560182.00	4191038.00	0.70325	560202.00	4191038.00	0.70853
560222.00	4191038.00	0.71142	560242.00	4191038.00	0.71023
560262.00	4191038.00	0.70516	560282.00	4191038.00	0.69699
560302.00	4191038.00	0.68651	560322.00	4191038.00	0.67459
560342.00	4191038.00	0.66197	560362.00	4191038.00	0.64897
560382.00	4191038.00	0.63542	560402.00	4191038.00	0.62104
560422.00	4191038.00	0.60585	560442.00	4191038.00	0.59082
560462.00	4191038.00	0.57600	560082.00	4191058.00	0.68420
560102.00	4191058.00	0.66898	560122.00	4191058.00	0.65239
560142.00	4191058.00	0.64169	560162.00	4191058.00	0.63938
560182.00	4191058.00	0.64340	560202.00	4191058.00	0.64942
560222.00	4191058.00	0.65338	560242.00	4191058.00	0.65330
560262.00	4191058.00	0.64933	560282.00	4191058.00	0.64243

560302.00	4191058.00	0.63350	560322.00	4191058.00	0.62331
560342.00	4191058.00	0.61253	560362.00	4191058.00	0.60147
560382.00	4191058.00	0.58998	560402.00	4191058.00	0.57772
560422.00	4191058.00	0.56464	560442.00	4191058.00	0.55106
560462.00	4191058.00	0.53743	560082.00	4191078.00	0.63008
560102.00	4191078.00	0.61398	560122.00	4191078.00	0.59802
560142.00	4191078.00	0.58846	560162.00	4191078.00	0.58686

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SEAWALL ***

INCLUDING SOURCE(S): L0000369 , L0000370 , L0000371 , L0000372 , L0000373 ,
L0000374 , L0000375 , L0000376 , L0000377 , L0000378 , L0000379 , L0000380 , L0000381 ,
L0000382 , L0000383 , L0000384 , L0000385 , L0000386 , L0000387 , L0000388 , L0000389 ,
L0000390 , L0000391 , L0000392 , L0000393 , L0000394 , L0000395 , L0000396 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
560182.00	4191078.00	0.59116	560202.00	4191078.00	0.59758
560222.00	4191078.00	0.60237	560242.00	4191078.00	0.60335
560262.00	4191078.00	0.60041	560282.00	4191078.00	0.59455
560302.00	4191078.00	0.58681	560322.00	4191078.00	0.57798
560342.00	4191078.00	0.56866	560362.00	4191078.00	0.55916
560382.00	4191078.00	0.54935	560402.00	4191078.00	0.53888
560422.00	4191078.00	0.52752	560442.00	4191078.00	0.51540
560462.00	4191078.00	0.50300	560482.00	4191078.00	0.49099
560502.00	4191078.00	0.48008	560082.00	4191098.00	0.58208
560102.00	4191098.00	0.56554	560122.00	4191098.00	0.55038
560142.00	4191098.00	0.54189	560162.00	4191098.00	0.54090
560182.00	4191098.00	0.54532	560202.00	4191098.00	0.55189
560222.00	4191098.00	0.55724	560242.00	4191098.00	0.55915
560262.00	4191098.00	0.55722	560282.00	4191098.00	0.55230

560302.00	4191098.00	0.54551	560322.00	4191098.00	0.53773
560342.00	4191098.00	0.52958	560362.00	4191098.00	0.52134
560382.00	4191098.00	0.51292	560402.00	4191098.00	0.50396
560422.00	4191098.00	0.49415	560442.00	4191098.00	0.48345
560462.00	4191098.00	0.47219	560482.00	4191098.00	0.46091
560502.00	4191098.00	0.45027	560522.00	4191098.00	0.44077
560062.00	4191118.00	0.55101	560082.00	4191118.00	0.53929
560102.00	4191118.00	0.52267	560122.00	4191118.00	0.50840
560142.00	4191118.00	0.50089	560162.00	4191118.00	0.50041
560182.00	4191118.00	0.50489	560202.00	4191118.00	0.51144
560222.00	4191118.00	0.51712	560242.00	4191118.00	0.51979
560262.00	4191118.00	0.51880	560282.00	4191118.00	0.51477
560302.00	4191118.00	0.50880	560322.00	4191118.00	0.50186
560342.00	4191118.00	0.49462	560362.00	4191118.00	0.48742
560382.00	4191118.00	0.48016	560402.00	4191118.00	0.47249
560422.00	4191118.00	0.46403	560442.00	4191118.00	0.45465
560462.00	4191118.00	0.44453	560482.00	4191118.00	0.43408
560502.00	4191118.00	0.42387	560522.00	4191118.00	0.41419
560062.00	4191138.00	0.51383	560082.00	4191138.00	0.50097
560102.00	4191138.00	0.48456	560122.00	4191138.00	0.47122
560142.00	4191138.00	0.46459	560162.00	4191138.00	0.46455
560182.00	4191138.00	0.46903	560202.00	4191138.00	0.47548
560222.00	4191138.00	0.48131	560242.00	4191138.00	0.48455
560262.00	4191138.00	0.48440	560282.00	4191138.00	0.48124
560302.00	4191138.00	0.47603	560322.00	4191138.00	0.46977
560342.00	4191138.00	0.46324	560362.00	4191138.00	0.45684

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SEAWALL ***

INCLUDING SOURCE(S): L0000369 , L0000370 , L0000371 , L0000372 , L0000373 ,
L0000374 , L0000375 , L0000376 , L0000377 , L0000378 , L0000379 , L0000380 , L0000381 ,
L0000382 , L0000383 , L0000384 , L0000385 , L0000386 , L0000387 , L0000388 , L0000389 ,
L0000390 , L0000391 , L0000392 , L0000393 , L0000394 , L0000395 , L0000396 ,

. . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
560382.00	4191138.00	0.45056	560402.00	4191138.00	0.44401
560422.00	4191138.00	0.43676	560442.00	4191138.00	0.42858
560462.00	4191138.00	0.41955	560482.00	4191138.00	0.40997
560502.00	4191138.00	0.40030	560062.00	4191158.00	0.48015
560082.00	4191158.00	0.46653	560102.00	4191158.00	0.45053
560122.00	4191158.00	0.43812	560142.00	4191158.00	0.43230
560162.00	4191158.00	0.43261	560182.00	4191158.00	0.43707
560202.00	4191158.00	0.44337	560222.00	4191158.00	0.44924
560242.00	4191158.00	0.45287	560262.00	4191158.00	0.45343
560282.00	4191158.00	0.45108	560302.00	4191158.00	0.44661
560322.00	4191158.00	0.44097	560342.00	4191158.00	0.43499
560362.00	4191158.00	0.42920	560382.00	4191158.00	0.42369
560402.00	4191158.00	0.41811	560422.00	4191158.00	0.41196
560442.00	4191158.00	0.40490	560462.00	4191158.00	0.39689
560482.00	4191158.00	0.38818	560502.00	4191158.00	0.37818
560062.00	4191178.00	0.45029	560082.00	4191178.00	0.43561
560102.00	4191178.00	0.42004	560122.00	4191178.00	0.40855
560142.00	4191178.00	0.40342	560162.00	4191178.00	0.40403
560182.00	4191178.00	0.40845	560202.00	4191178.00	0.41458
560222.00	4191178.00	0.42042	560242.00	4191178.00	0.42432
560322.00	4191178.00	0.41500	560342.00	4191178.00	0.40949
560362.00	4191178.00	0.40416	560382.00	4191178.00	0.39923
560402.00	4191178.00	0.39444	560422.00	4191178.00	0.38928
560442.00	4191178.00	0.38327	560462.00	4191178.00	0.37627
560482.00	4191178.00	0.36841	560502.00	4191178.00	0.35843
560062.00	4191198.00	0.42283	560082.00	4191198.00	0.40761
560102.00	4191198.00	0.39261	560122.00	4191198.00	0.38202
560142.00	4191198.00	0.37750	560162.00	4191198.00	0.37834
560182.00	4191198.00	0.38271	560202.00	4191198.00	0.38867
560222.00	4191198.00	0.39442	560362.00	4191198.00	0.38144

560382.00	4191198.00	0.37692	560402.00	4191198.00	0.37274
560422.00	4191198.00	0.36841	560442.00	4191198.00	0.36339
560462.00	4191198.00	0.35737	560482.00	4191198.00	0.35037
560042.00	4191218.00	0.40824	560062.00	4191218.00	0.39721
560082.00	4191218.00	0.38210	560102.00	4191218.00	0.36787
560122.00	4191218.00	0.35812	560142.00	4191218.00	0.35415
560162.00	4191218.00	0.35517	560182.00	4191218.00	0.35947
560202.00	4191218.00	0.36525	560222.00	4191218.00	0.37090
560342.00	4191218.00	0.36545	560362.00	4191218.00	0.36078
560382.00	4191218.00	0.35655	560402.00	4191218.00	0.35280

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SEAWALL ***

INCLUDING SOURCE(S): L0000369 , L0000370 , L0000371 , L0000372 , L0000373 ,
L0000374 , L0000375 , L0000376 , L0000377 , L0000378 , L0000379 , L0000380 , L0000381 ,
L0000382 , L0000383 , L0000384 , L0000385 , L0000386 , L0000387 , L0000388 , L0000389 ,
L0000390 , L0000391 , L0000392 , L0000393 , L0000394 , L0000395 , L0000396 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
560422.00	4191218.00	0.34914	560442.00	4191218.00	0.34500
560462.00	4191218.00	0.33985	560482.00	4191218.00	0.33334
560082.00	4191238.00	0.35890	560102.00	4191238.00	0.34547
560122.00	4191238.00	0.33652	560142.00	4191238.00	0.33302
560162.00	4191238.00	0.33417	560182.00	4191238.00	0.33839
560202.00	4191238.00	0.34401	560222.00	4191238.00	0.34954
560342.00	4191238.00	0.34633	560362.00	4191238.00	0.34194
560382.00	4191238.00	0.33793	560402.00	4191238.00	0.33448
560422.00	4191238.00	0.33131	560442.00	4191238.00	0.32791
560462.00	4191238.00	0.32354	560182.00	4191258.00	0.31923
560202.00	4191258.00	0.32468	560322.00	4191258.00	0.33264
560342.00	4191258.00	0.32882	560362.00	4191258.00	0.32471

560382.00	4191258.00	0.32089	560402.00	4191258.00	0.31763
560422.00	4191258.00	0.31481	560442.00	4191258.00	0.31198
560462.00	4191258.00	0.30824	560322.00	4191278.00	0.31617
560342.00	4191278.00	0.31273	560362.00	4191278.00	0.30891
560382.00	4191278.00	0.30525	560402.00	4191278.00	0.30212
560422.00	4191278.00	0.29954	560442.00	4191278.00	0.29693
559982.00	4191298.00	0.32412	560002.00	4191298.00	0.33444
560022.00	4191298.00	0.33455	560042.00	4191298.00	0.32664
560062.00	4191298.00	0.31412	560302.00	4191298.00	0.30309
560322.00	4191298.00	0.30098	560342.00	4191298.00	0.29791
560362.00	4191298.00	0.29436	560382.00	4191298.00	0.29087
560402.00	4191298.00	0.28784	560422.00	4191298.00	0.28540
560442.00	4191298.00	0.28274	559962.00	4191318.00	0.29502
559982.00	4191318.00	0.31223	560002.00	4191318.00	0.32000
560022.00	4191318.00	0.31842	560042.00	4191318.00	0.30975
560062.00	4191318.00	0.29730	560082.00	4191318.00	0.28456
560102.00	4191318.00	0.27430	560122.00	4191318.00	0.26800
560142.00	4191318.00	0.26587	560162.00	4191318.00	0.26726
560302.00	4191318.00	0.28871	560322.00	4191318.00	0.28695
560342.00	4191318.00	0.28421	560362.00	4191318.00	0.28094
560382.00	4191318.00	0.27762	560402.00	4191318.00	0.27467
560422.00	4191318.00	0.27230	559962.00	4191338.00	0.28598
559982.00	4191338.00	0.30072	560002.00	4191338.00	0.30630
560022.00	4191338.00	0.30327	560042.00	4191338.00	0.29403
560062.00	4191338.00	0.28177	560082.00	4191338.00	0.26967
560102.00	4191338.00	0.26013	560122.00	4191338.00	0.25436
560142.00	4191338.00	0.25248	560162.00	4191338.00	0.25387
560182.00	4191338.00	0.25753	560202.00	4191338.00	0.26233

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SEAWALL ***

INCLUDING SOURCE(S): L0000369 , L0000370 , L0000371 , L0000372 , L0000373 ,

L0000374 , L0000375 , L0000376 , L0000377 , L0000378 , L0000379 , L0000380 , L0000381 ,
L0000382 , L0000383 , L0000384 , L0000385 , L0000386 , L0000387 , L0000388 , L0000389 ,
L0000390 , L0000391 , L0000392 , L0000393 , L0000394 , L0000395 , L0000396 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
560222.00	4191338.00	0.26722	560242.00	4191338.00	0.27135
560302.00	4191338.00	0.27541	560322.00	4191338.00	0.27396
560342.00	4191338.00	0.27153	560362.00	4191338.00	0.26851
560382.00	4191338.00	0.26536	560402.00	4191338.00	0.26249
560422.00	4191338.00	0.26018	559962.00	4191358.00	0.27726
559982.00	4191358.00	0.28967	560002.00	4191358.00	0.29327
560022.00	4191358.00	0.28902	560042.00	4191358.00	0.27939
560062.00	4191358.00	0.26742	560082.00	4191358.00	0.25596
560102.00	4191358.00	0.24710	560122.00	4191358.00	0.24182
560142.00	4191358.00	0.24015	560162.00	4191358.00	0.24154
560182.00	4191358.00	0.24508	560202.00	4191358.00	0.24972
560222.00	4191358.00	0.25447	560242.00	4191358.00	0.25855
560262.00	4191358.00	0.26147	560282.00	4191358.00	0.26298
560302.00	4191358.00	0.26307	560322.00	4191358.00	0.26191
560342.00	4191358.00	0.25976	560362.00	4191358.00	0.25699
560382.00	4191358.00	0.25395	560402.00	4191358.00	0.25110
559962.00	4191378.00	0.26881	559982.00	4191378.00	0.27903
560002.00	4191378.00	0.28088	560022.00	4191378.00	0.27562
560042.00	4191378.00	0.26575	560062.00	4191378.00	0.25413
560082.00	4191378.00	0.24331	560102.00	4191378.00	0.23509
560122.00	4191378.00	0.23025	560142.00	4191378.00	0.22878
560162.00	4191378.00	0.23016	560182.00	4191378.00	0.23356
560202.00	4191378.00	0.23804	560222.00	4191378.00	0.24266
560242.00	4191378.00	0.24668	560262.00	4191378.00	0.24963
560282.00	4191378.00	0.25129	560302.00	4191378.00	0.25160
560322.00	4191378.00	0.25069	560342.00	4191378.00	0.24881
559982.00	4191398.00	0.26879	560002.00	4191398.00	0.26909
560022.00	4191398.00	0.26302	560042.00	4191398.00	0.25303

560062.00	4191398.00	0.24181	560082.00	4191398.00	0.23163
560102.00	4191398.00	0.22401	560122.00	4191398.00	0.21957
560142.00	4191398.00	0.21827	560162.00	4191398.00	0.21962
560182.00	4191398.00	0.22290	560202.00	4191398.00	0.22722
560222.00	4191398.00	0.23171	560242.00	4191398.00	0.23567
560262.00	4191398.00	0.23864	560282.00	4191398.00	0.24037
559982.00	4191418.00	0.25886	560002.00	4191418.00	0.25780
560022.00	4191418.00	0.25114	560042.00	4191418.00	0.24117
560062.00	4191418.00	0.23038	560082.00	4191418.00	0.22082
560102.00	4191418.00	0.21375	560122.00	4191418.00	0.20968
560142.00	4191418.00	0.20852	560162.00	4191418.00	0.20986
560182.00	4191418.00	0.21301	560202.00	4191418.00	0.21718

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SEAWALL ***

INCLUDING SOURCE(S): L0000369 , L0000370 , L0000371 , L0000372 , L0000373 ,
L0000374 , L0000375 , L0000376 , L0000377 , L0000378 , L0000379 , L0000380 , L0000381 ,
L0000382 , L0000383 , L0000384 , L0000385 , L0000386 , L0000387 , L0000388 , L0000389 ,
L0000390 , L0000391 , L0000392 , L0000393 , L0000394 , L0000395 , L0000396 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
560222.00	4191418.00	0.22153	560242.00	4191418.00	0.22541
560262.00	4191418.00	0.22839	560002.00	4191438.00	0.24668
560022.00	4191438.00	0.23987	560042.00	4191438.00	0.23008
560062.00	4191438.00	0.21976	560082.00	4191438.00	0.21080
560102.00	4191438.00	0.20424	560122.00	4191438.00	0.20050
560142.00	4191438.00	0.19948	560162.00	4191438.00	0.20079
560182.00	4191438.00	0.20382	560202.00	4191438.00	0.20783
560222.00	4191438.00	0.21205	560242.00	4191438.00	0.21586
560262.00	4191438.00	0.21883	560042.00	4191458.00	0.21923

560062.00	4191458.00	0.20988	560082.00	4191458.00	0.20149
560102.00	4191458.00	0.19541	560122.00	4191458.00	0.19197
560142.00	4191458.00	0.19106	560162.00	4191458.00	0.19234
560182.00	4191458.00	0.19526	560202.00	4191458.00	0.19912
560222.00	4191458.00	0.20321	560242.00	4191458.00	0.20694
560262.00	4191458.00	0.20979	560142.00	4191478.00	0.18308
560162.00	4191478.00	0.18439	560182.00	4191478.00	0.18719
560202.00	4191478.00	0.19097	560222.00	4191478.00	0.19495
560242.00	4191478.00	0.19859	560155.00	4190663.00	34.94421
560175.00	4190663.00	32.50375	560115.00	4190683.00	25.81060
560135.00	4190683.00	27.20227	560155.00	4190683.00	28.63419
560175.00	4190683.00	22.50051	560095.00	4190703.00	13.89773
560115.00	4190703.00	22.14617	560135.00	4190703.00	20.54500
560155.00	4190703.00	17.49063	560175.00	4190703.00	14.85791
560095.00	4190723.00	14.55529	560115.00	4190723.00	15.66521
560135.00	4190723.00	13.43524	560155.00	4190723.00	11.92628
560175.00	4190723.00	10.50100	560195.00	4190723.00	9.29561
560095.00	4190743.00	10.15119	560115.00	4190743.00	11.56157
560135.00	4190743.00	9.83485	560155.00	4190743.00	8.78591
560175.00	4190743.00	7.84770	560195.00	4190743.00	7.07598
560075.00	4190763.00	4.98687	560095.00	4190763.00	11.74379
560115.00	4190763.00	8.84855	560135.00	4190763.00	7.52631
560155.00	4190763.00	6.75268	560175.00	4190763.00	6.08709
560195.00	4190763.00	5.55753	560215.00	4190763.00	5.12291
560075.00	4190783.00	4.86395	560095.00	4190783.00	8.14608
560115.00	4190783.00	6.51901	560135.00	4190783.00	5.73536
560155.00	4190783.00	5.24206	560175.00	4190783.00	4.79392
560195.00	4190783.00	4.43650	560215.00	4190783.00	4.13953
560235.00	4190783.00	3.87216	560075.00	4190803.00	5.38147
560095.00	4190803.00	4.99237	560115.00	4190803.00	4.57439
560135.00	4190803.00	4.28957	560155.00	4190803.00	4.05393

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SEAWALL ***

INCLUDING SOURCE(S): L0000369 , L0000370 , L0000371 , L0000372 , L0000373 ,
L0000374 , L0000375 , L0000376 , L0000377 , L0000378 , L0000379 , L0000380 , L0000381 ,
L0000382 , L0000383 , L0000384 , L0000385 , L0000386 , L0000387 , L0000388 , L0000389 ,
L0000390 , L0000391 , L0000392 , L0000393 , L0000394 , L0000395 , L0000396 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
560175.00	4190803.00	3.79036	560195.00	4190803.00	3.56872
560215.00	4190803.00	3.37661	560235.00	4190803.00	3.19566
560255.00	4190803.00	3.02217	560275.00	4190803.00	2.85797
560075.00	4190823.00	3.38513	560095.00	4190823.00	3.40662
560115.00	4190823.00	3.34071	560135.00	4190823.00	3.25229
560155.00	4190823.00	3.14097	560175.00	4190823.00	3.02120
560195.00	4190823.00	2.90085	560215.00	4190823.00	2.78226
560235.00	4190823.00	2.66260	560255.00	4190823.00	2.54054
560275.00	4190823.00	2.42048	560295.00	4190823.00	2.30580
560315.00	4190823.00	2.20046	560115.00	4190843.00	2.60655
560135.00	4190843.00	2.57545	560155.00	4190843.00	2.51727
560175.00	4190843.00	2.45515	560195.00	4190843.00	2.39131
560215.00	4190843.00	2.32351	560235.00	4190843.00	2.24413
560255.00	4190843.00	2.15799	560275.00	4190843.00	2.07014
560295.00	4190843.00	1.98483	560315.00	4190843.00	1.90310
560335.00	4190843.00	1.82387	560195.00	4190863.00	1.99863
560215.00	4190863.00	1.97057	560235.00	4190863.00	1.91683
560255.00	4190863.00	1.85428	560275.00	4190863.00	1.78782
560295.00	4190863.00	1.72224	560315.00	4190863.00	1.65940
560335.00	4190863.00	1.59873	560075.00	4190883.00	1.75723
560095.00	4190883.00	1.78638	560115.00	4190883.00	1.79026
560255.00	4190883.00	1.61264	560275.00	4190883.00	1.56083
560295.00	4190883.00	1.50838	560315.00	4190883.00	1.45806
560335.00	4190883.00	1.40992			

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                          *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: UNIPM
***
                              INCLUDING SOURCE(S):   UNIPM   ,

                               *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                    ** CONC OF PM_10   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 559917.30   559937.30   559957.30   559977.30   559997.30   560017.30   560037.30
560057.30   560077.30
 -
- - - - - - - -

  4191625.17 | 0.23297   0.24005   0.24655   0.25231   0.25767   0.26292   0.26825
0.27339   0.27881
  4191605.17 | 0.23844   0.24610   0.25324   0.25953   0.26527   0.27086   0.27652
0.28214   0.28792
  4191585.17 | 0.24379   0.25201   0.25986   0.26681   0.27306   0.27902   0.28499
0.29112   0.29729
  4191565.17 | 0.24917   0.25783   0.26638   0.27405   0.28037   0.28681   0.29348
0.30021   0.30672
  4191545.17 | 0.25477   0.26366   0.27273   0.28101   0.28783   0.29502   0.30231
0.30945   0.31638
  4191525.17 | 0.26076   0.26955   0.27903   0.28797   0.29565   0.30357   0.31145
0.31886   0.32640
  4191505.17 | 0.26726   0.27618   0.28608   0.29564   0.30424   0.31251   0.32080
0.32889   0.33706
  4191485.17 | 0.27435   0.28337   0.29368   0.30381   0.31307   0.32181   0.33055
0.33971   0.34880
  4191465.17 | 0.28211   0.29117   0.30190   0.31268   0.32250   0.33176   0.34101
0.35071   0.36017
  4191445.17 | 0.29062   0.30002   0.31123   0.32275   0.33331   0.34316   0.35268
0.36228   0.37234
  4191425.17 | 0.29992   0.30922   0.32081   0.33306   0.34443   0.35479   0.36477
0.37493   0.38553
  4191405.17 | 0.30998   0.31913   0.33088   0.34370   0.35594   0.36710   0.37784
0.38860   0.39979
  4191385.17 | 0.32067   0.32971   0.34157   0.35504   0.36819   0.38016   0.39159
0.40304   0.41493
  4191365.17 | 0.33188   0.34091   0.35285   0.36695   0.38105   0.39389   0.40602
0.41813   0.43075
  4191345.17 | 0.34380   0.35281   0.36477   0.37950   0.39468   0.40847   0.42134
0.43410   0.44736
  4191325.17 | 0.35666   0.36571   0.37763   0.39289   0.40925   0.42418   0.43791
0.45136   0.46527
  4191305.17 | 0.37091   0.38007   0.39192   0.40769   0.42520   0.44143   0.45620
0.47047   0.48511
  4191285.17 | 0.38702   0.39635   0.40823   0.42436   0.44305   0.46076   0.47678
0.49205   0.50758
  4191265.17 | 0.40540   0.41533   0.42714   0.44345   0.46340   0.48289   0.50038
0.51684   0.53345
  4191245.17 | 0.42627   0.43719   0.44927   0.46565   0.48690   0.50850   0.52778
0.54569   0.56359
  4191225.17 | 0.44979   0.46215   0.47496   0.49164   0.51411   0.53811   0.55965
0.57941   0.59892
  4191205.17 | 0.47607   0.49039   0.50446   0.52168   0.54561   0.57243   0.59681
0.61870   0.64022
  4191185.17 | 0.50531   0.52201   0.53807   0.55621   0.58113   0.61103   0.63893
0.66403   0.68816
  4191165.17 | 0.53753   0.55704   0.57576   0.59521   0.62123   0.65444   0.68653
0.71524   0.74284
  4191145.17 | 0.57247   0.59513   0.61696   0.63874   0.66608   0.70263   0.73972

Y-COORD (METERS)								
								0.77285	0.80443
4191125.17	0.60929	0.63531	0.66104	0.68592	0.71509	0.75498	0.79797	0.83644	0.87288
4191105.17	0.64649	0.67601	0.70623	0.73541	0.76696	0.81002	0.85980	0.90479	0.94710
4191085.17	0.68247	0.71544	0.75030	0.78487	0.81986	0.86581	0.92319	0.97604	1.02538
4191065.17	0.71425	0.75195	0.79173	0.83260	0.87272	0.92156	0.98712	1.04971	1.10763
4191045.17	0.73999	0.78486	0.83062	0.87882	0.92650	0.97931	1.05381	1.12919	1.19832
4191025.17	0.76003	0.81468	0.86919	0.92630	0.98495	1.04511	1.12999	1.22332	1.30865
4191005.17	0.77594	0.84218	0.91055	0.98040	1.05428	1.12837	1.22662	1.34489	1.45593
4190985.17	0.79188	0.86965	0.95646	1.04679	1.14189	1.23988	1.35752	1.50825	1.65883
4190965.17	0.81037	0.90064	1.00689	1.12716	1.25455	1.38939	1.53949	1.74302	1.95063
4190945.17	0.83174	0.93577	1.06249	1.21664	1.39434	1.58452	1.78963	2.07245	2.38192
4190925.17	0.86072	0.97410	1.12070	1.30942	1.55010	1.82789	2.13160	2.54429	3.04456
4190905.17	0.90552	1.02398	1.18084	1.39735	1.70088	2.10904	2.60675	3.25294	4.14745
4190885.17	0.96579	1.09295	1.25891	1.48816	1.83093	2.37243	3.21330	4.40037	6.31252
4190865.17	1.03170	1.17118	1.35405	1.60567	1.97729	2.60196	3.78947	6.56116	11.90285
4190845.17	1.06940	1.21719	1.41398	1.69073	2.11111	2.84019	4.30136	9.10582	18.49753

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: UNIPM ***

INCLUDING SOURCE(S): UNIPM ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 559917.30	559937.30	559957.30	559977.30	559997.30	560017.30	560037.30	560057.30	560077.30
4190825.17	1.04365	1.19064	1.39196	1.68454	2.14984	2.98644	4.76422	8.78051	12.35857
4190805.17	1.04349	1.21180	1.44536	1.79155	2.34502	3.24720	4.53730	5.59654	6.10513
4190785.17	1.11306	1.30638	1.57484	1.95511	2.46217	3.02255	3.47919	3.72304	3.90786
4190765.17	1.19323	1.40302	1.66786	1.97615	2.27850	2.51903	2.69474	2.80126	2.89954
4190745.17	1.25915	1.44526	1.64640	1.83906	1.99070	2.10787	2.19489	2.25521	2.31563
4190725.17	1.27285	1.41574	1.54851	1.65195	1.73686	1.80158	1.85222	1.89545	1.93595
4190705.17	1.24268	1.34059	1.41533	1.47805	1.53117	1.56929	1.60031	1.63084	1.66125
4190685.17	1.18357	1.23980	1.28682	1.33088	1.36215	1.38715	1.40663	1.42832	1.45452

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                            *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: UNIPM
***
                                INCLUDING SOURCE(S):   UNIPM   ,

                                 *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                      ** CONC OF PM_10   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 560097.30   560117.30   560137.30   560157.30   560177.30   560197.30   560217.30
560237.30   560257.30
 -
- - - - - - - -

  4191625.17 | 0.28428   0.28976   0.29527   0.30080   0.30628   0.31168   0.31713
0.32281   0.32875
  4191605.17 | 0.29392   0.30016   0.30647   0.31272   0.31880   0.32467   0.33052
0.33658   0.34291
  4191585.17 | 0.30364   0.31068   0.31790   0.32508   0.33198   0.33853   0.34494
0.35147   0.35817
  4191565.17 | 0.31345   0.32075   0.32879   0.33701   0.34494   0.35273   0.36033
0.36750   0.37465
  4191545.17 | 0.32363   0.33155   0.34021   0.34928   0.35840   0.36765   0.37650
0.38457   0.39236
  4191525.17 | 0.33436   0.34310   0.35231   0.36199   0.37231   0.38299   0.39330
0.40259   0.41129
  4191505.17 | 0.34557   0.35478   0.36511   0.37627   0.38769   0.39969   0.41111
0.42198   0.43195
  4191485.17 | 0.35806   0.36796   0.37874   0.39031   0.40253   0.41521   0.42809
0.44070   0.45246
  4191465.17 | 0.37022   0.38097   0.39249   0.40471   0.41757   0.43121   0.44553
0.45983   0.47347
  4191445.17 | 0.38312   0.39477   0.40728   0.42039   0.43403   0.44844   0.46376
0.47943   0.49485
  4191425.17 | 0.39691   0.40940   0.42295   0.43719   0.45190   0.46728   0.48344
0.50011   0.51706
  4191405.17 | 0.41183   0.42510   0.43964   0.45505   0.47110   0.48781   0.50503
0.52260   0.54080
  4191385.17 | 0.42775   0.44191   0.45744   0.47402   0.49147   0.50977   0.52848
0.54729   0.56676
  4191365.17 | 0.44442   0.45958   0.47623   0.49405   0.51295   0.53291   0.55332
0.57388   0.59515
  4191345.17 | 0.46183   0.47799   0.49580   0.51494   0.53542   0.55704   0.57921
0.60183   0.62548
  4191325.17 | 0.48045   0.49751   0.51638   0.53679   0.55881   0.58213   0.60611
0.63092   0.65728
  4191305.17 | 0.50109   0.51903   0.53887   0.56040   0.58374   0.60853   0.63429
0.66145   0.69073
  4191285.17 | 0.52451   0.54352   0.56444   0.58711   0.61163   0.63755   0.66480
0.69424   0.72658
  4191265.17 | 0.55154   0.57186   0.59416   0.61825   0.64410   0.67112   0.69969
0.73116   0.76629
  4191245.17 | 0.58307   0.60498   0.62899   0.65491   0.68242   0.71090   0.74120
0.77483   0.81247
  4191225.17 | 0.62011   0.64395   0.67002   0.69813   0.72768   0.75816   0.79091
0.82734   0.86784
  4191205.17 | 0.66357   0.68979   0.71840   0.74913   0.78104   0.81414   0.85011

0.89009 0.93405
4191185.17 | 0.71409 0.74329 0.77509 0.80895 0.84376 0.88014 0.92012
0.96430 1.01207
4191165.17 | 0.77202 0.80497 0.84071 0.87838 0.91677 0.95744 1.00223
1.05117 1.10277
4191145.17 | 0.83773 0.87518 0.91573 0.95792 1.00089 1.04698 1.09751
1.15151 1.20680
4191125.17 | 0.91114 0.95408 1.00039 1.04797 1.09678 1.14961 1.20671
1.26570 1.32495
4191105.17 | 0.99142 1.04093 1.09404 1.14811 1.20438 1.26527 1.32938
1.39320 1.45772
4191085.17 | 1.07698 1.13442 1.19546 1.25744 1.32290 1.39280 1.46340
1.53246 1.60440
4191065.17 | 1.16824 1.23542 1.30599 1.37813 1.45495 1.53429 1.61107
1.68752 1.77026
4191045.17 | 1.27107 1.35126 1.43470 1.52144 1.61315 1.70340 1.79027
1.88117 1.98170
4191025.17 | 1.40023 1.49931 1.60230 1.71195 1.82439 1.93187 2.04077
2.15993 2.29231
4191005.17 | 1.57591 1.70573 1.84086 1.98581 2.12837 2.26896 2.42042
2.58873 2.77489
4190985.17 | 1.82830 2.00607 2.19383 2.39010 2.58174 2.78413 3.00848
3.25796 3.52212
4190965.17 | 2.18853 2.45460 2.72981 3.00132 3.28449 3.60168 3.94647
4.30576 4.68449
4190945.17 | 2.73359 3.13807 3.56387 3.98881 4.45587 4.97547 5.50343
6.04932 6.68954
4190925.17 | 3.61543 4.25574 4.92560 5.66955 6.51039 7.43982 8.48195
9.72403 11.28874
4190905.17 | 5.21911 6.43860 7.82134 9.42908 11.29201 13.55981 16.65127
22.05059 30.04094
4190885.17 | 8.82044 11.94640 16.09250 21.31169 26.06743 33.46859 47.50869
66.25044 59.87325
4190865.17 | 19.85498 28.36312 45.38181 64.88581 45.57811 42.98660 32.12407
23.85348 18.80460
4190845.17 | 36.62525 40.79208 36.89309 27.49354 21.30670 17.24504 14.40783
12.31046 10.71468

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: UNIPM ***

INCLUDING SOURCE(S): UNIPM ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	560097.30	560117.30	560137.30	560157.30	560177.30	560197.30	560217.30	560237.30	560257.30
4190825.17	18.32595	16.67384	14.39401	12.47036	10.93296	9.68852	8.69010	7.86791	7.17713
4190805.17	6.46734	7.08822	7.31594	7.13815	6.76929	6.35525	5.95183	5.57890	5.23991
4190785.17	4.03260	4.13793	4.37093	4.52523	4.55172	4.48587	4.36113	4.20808	4.04486
4190765.17	2.97950	3.00381	3.05809	3.15777	3.24052	3.28838	3.29609	3.26630	3.20232
4190745.17	2.37150	2.38703	2.39694	2.41929	2.46915	2.52262	2.56173	2.57546	2.55771

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  4190725.17 |       1.97027      1.98366      1.99214      1.99103      2.00146      2.03079      2.05827
2.07020      2.06448
  4190705.17 |       1.68509      1.70012      1.70861      1.70873      1.70040      1.69935      1.70375
1.70304      1.69859
  4190685.17 |       1.47331      1.48992      1.49701      1.49689      1.48306      1.46298      1.44461
1.43545      1.43453
  4190665.17 |       1.31043      1.32583      1.33013      1.32484      1.30861      1.28309      1.25621
1.24206      1.24377
  4190645.17 |       1.17954      1.19067      1.19116      1.18008      1.16246      1.13933      1.11580
1.10313      1.10338
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

  PAGE 945
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

                           *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: UNIPM
***
                               INCLUDING SOURCE(S):     UNIPM       ,

                                *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10    IN MICROGRAMS/M**3                          **

    Y-COORD  |                                          X-COORD (METERS)
    (METERS) |     560277.30    560297.30    560317.30    560337.30    560357.30    560377.30    560397.30
560417.30    560437.30
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

  4191625.17 |       0.33466      0.34013      0.34498      0.34958      0.35411      0.35807      0.36274
0.36885      0.37730
  4191605.17 |       0.34926      0.35534      0.36102      0.36651      0.37221      0.37718      0.38241
0.38891      0.39774
  4191585.17 |       0.36487      0.37145      0.37790      0.38415      0.39020      0.39721      0.40328
0.41029      0.41956
  4191565.17 |       0.38171      0.38876      0.39592      0.40313      0.41031      0.41779      0.42523
0.43280      0.44249
  4191545.17 |       0.39989      0.40745      0.41531      0.42353      0.43190      0.44018      0.44816
0.45634      0.46631
  4191525.17 |       0.41938      0.42758      0.43623      0.44549      0.45518      0.46481      0.47401
0.48300      0.49325
  4191505.17 |       0.44089      0.44929      0.45870      0.46909      0.48017      0.49140      0.50216
0.51230      0.52289
  4191485.17 |       0.46307      0.47245      0.48277      0.49434      0.50687      0.51987      0.53261
0.54437      0.55560
  4191465.17 |       0.48595      0.49689      0.50858      0.52140      0.53532      0.55017      0.56520
0.57909      0.59147
  4191445.17 |       0.50971      0.52293      0.53628      0.55055      0.56581      0.58242      0.59979
0.61619      0.63045
  4191425.17 |       0.53422      0.55092      0.56641      0.58220      0.59891      0.61703      0.63649
0.65560      0.67248
  4191405.17 |       0.56000      0.57994      0.59909      0.61692      0.63557      0.65508      0.67586
0.69757      0.71779
  4191385.17 |       0.58770      0.61034      0.63356      0.65616      0.67774      0.69898      0.72096
0.74508      0.76834
  4191365.17 |       0.61802      0.64295      0.66942      0.69617      0.72173      0.74589      0.76984
0.79607      0.82421
  4191345.17 |       0.65087      0.67837      0.70791      0.73876      0.76905      0.79715      0.82400
0.85279      0.88544
  4191325.17 |       0.68573      0.71634      0.74908      0.78360      0.81852      0.85215      0.88426
0.91724      0.95442
  4191305.17 |       0.72249      0.75662      0.79297      0.83103      0.87011      0.90975      0.94927
0.98921      1.03256
  4191285.17 |       0.76181      0.79968      0.83980      0.88159      0.92503      0.97068      1.01859
1.06830      1.12104
  4191265.17 |       0.80496      0.84664      0.89053      0.93635      0.98494      1.03732      1.09402
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1.15518      1.22070
  4191245.17 |       0.85408      0.89903      0.94649      0.99689      1.05173      1.11230      1.17910
1.25267      1.33359
  4191225.17 |       0.91215      0.95950      1.00993      1.06513      1.12713      1.19775      1.27653
1.36457      1.46283
  4191205.17 |       0.98121      1.03093      1.08445      1.14447      1.21360      1.29402      1.38682
1.49214      1.61171
  4191185.17 |       1.06210      1.11473      1.17254      1.23855      1.31529      1.40519      1.51057
1.63409      1.77973
  4191165.17 |       1.15588      1.21232      1.27571      1.34915      1.43478      1.53459      1.65225
1.79330      1.96455
  4191145.17 |       1.26373      1.32566      1.39631      1.47838      1.57368      1.68479      1.81685
1.97682      2.17128
  4191125.17 |       1.38721      1.45673      1.53659      1.62853      1.73512      1.86068      2.01006
2.18928      2.40744
  4191105.17 |       1.52767      1.60694      1.69739      1.80086      1.92162      2.06417      2.23206
2.43200      2.67885
  4191085.17 |       1.68444      1.77468      1.87647      1.99327      2.12849      2.28467      2.46738
2.68931      2.96874
  4191065.17 |       1.86268      1.96550      2.08113      2.21146      2.35716      2.52291      2.72014
2.96600      3.28404
  4191045.17 |       2.09334      2.21754      2.35456      2.50326      2.66741      2.85757      3.08852
3.38198      3.77202
  4191025.17 |       2.43923      2.59916      2.76919      2.95249      3.15743      3.39494      3.68198
4.04491      4.53131
  4191005.17 |       2.97482      3.18629      3.40805      3.64928      3.91872      4.22866      4.60250
5.06484      5.68621
  4190985.17 |       3.79724      4.08290      4.39222      4.73693      5.13141      5.56553      6.06729
6.75740      7.64315
  4190965.17 |       5.08689      5.51744      6.02827      6.62416      7.33528      8.17992      9.19464
10.56145     12.37504
  4190945.17 |       7.45087      8.36440      9.48793     10.90150     12.73272     15.16194     18.23430
23.22811     29.51184
  4190925.17 |      13.34542     16.11239     19.65589     23.46824     27.68766     31.85579     34.49611
30.72047     22.34811
  4190905.17 |      42.00259     51.55395     50.85875     39.79004     27.76056     20.72461     16.47226
13.62466     11.46229
  4190885.17 |      36.44427     25.91250     19.90273     16.05298     13.39986     11.45925      9.95408
8.70950      7.66626
  4190865.17 |      15.42023     13.01095     11.21937      9.83741      8.73398      7.81637      7.01017
6.30555      5.74970
  4190845.17 |       9.46342      8.45939      7.63627      6.94466      6.34141      5.78845      5.29279
4.89693      4.54212
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

  PAGE 946
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

                           *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: UNIPM
***
                               INCLUDING SOURCE(S):     UNIPM       ,

                                *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10    IN MICROGRAMS/M**3                         **

    Y-COORD  |                                          X-COORD (METERS)
    (METERS) |     560277.30    560297.30    560317.30    560337.30    560357.30    560377.30    560397.30
560417.30    560437.30
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

  4190825.17 |       6.58896      6.08200      5.63784      5.23131      4.84279      4.48587      4.19698
3.94534      3.68874
  4190805.17 |       4.93155      4.64566      4.37121      4.09228      3.83314      3.61916      3.43829
3.24855      3.06426
```

  4190785.17 | 3.87397   3.69369   3.50212   3.31287   3.15418   3.02227   2.88374
2.73725   2.60639
  4190765.17 | 3.10675   2.99036   2.86583   2.75537   2.66381   2.56771   2.45680
2.34958   2.25698
  4190745.17 | 2.51216   2.44876   2.38630   2.33326   2.27513   2.19911   2.11639
2.04193   1.97619
  4190725.17 | 2.04721   2.02762   2.01191   1.99032   1.94958   1.89421   1.83864
1.78933   1.74221
  4190705.17 | 1.69763   1.70403   1.70954   1.69983   1.67281   1.63867   1.60609
1.57551   1.54200
  4190685.17 | 1.44317   1.45657   1.46281   1.45564   1.43997   1.42292   1.40709
1.38968   1.36633
  4190665.17 | 1.25518   1.26433   1.26392   1.25649   1.24800   1.24146   1.23568
1.22633   1.21022
  4190645.17 | 1.10921   1.11057   1.10527   1.09789   1.09263   1.09054   1.08893
1.08335   1.07191

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                           *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: UNIPM
***
                               INCLUDING SOURCE(S):   UNIPM   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 560457.30   560477.30   560497.30   560517.30   560537.30   560557.30   560577.30
560597.30   560617.30
 -
- - - - - - - -

  4191625.17 | 0.38750   0.39643   0.40130   0.40280   0.40359   0.40510   0.40739
0.41041   0.41418
  4191605.17 | 0.40893   0.41958   0.42604   0.42835   0.42948   0.43131   0.43419
0.43791   0.44238
  4191585.17 | 0.43173   0.44422   0.45254   0.45588   0.45648   0.45791   0.46152
0.46625   0.47058
  4191565.17 | 0.45550   0.46979   0.48031   0.48462   0.48490   0.48689   0.49132
0.49729   0.50280
  4191545.17 | 0.47983   0.49567   0.50863   0.51510   0.51721   0.52043   0.52592
0.53336   0.54116
  4191525.17 | 0.50693   0.52401   0.53961   0.54893   0.55367   0.55838   0.56531
0.57462   0.58554
  4191505.17 | 0.53644   0.55432   0.57254   0.58489   0.59171   0.59790   0.60656
0.61820   0.63181
  4191485.17 | 0.56897   0.58734   0.60866   0.62505   0.63437   0.64162   0.65153
0.66596   0.68294
  4191465.17 | 0.60497   0.62374   0.64820   0.66933   0.68173   0.69037   0.70108
0.71851   0.73927
  4191445.17 | 0.64469   0.66398   0.69016   0.71524   0.73142   0.74300   0.75669
0.77713   0.80173
  4191425.17 | 0.68835   0.70851   0.73685   0.76650   0.78896   0.80460   0.82166
0.84542   0.87415
  4191405.17 | 0.73635   0.75794   0.78862   0.82453   0.85545   0.87547   0.89581
0.92349   0.95709
  4191385.17 | 0.78941   0.81327   0.84624   0.88782   0.92464   0.95232   0.97788
1.01026   1.04989
  4191365.17 | 0.85016   0.87771   0.91248   0.95918   1.00421   1.03888   1.07010
1.10830   1.15706
  4191345.17 | 0.91868   0.95174   0.98947   1.04041   1.09591   1.13784   1.17379
1.21924   1.28038
  4191325.17 | 0.99183   1.03197   1.07570   1.13401   1.20156   1.25560   1.30115

1.35638   1.43013
  4191305.17 | 1.07699   1.12495   1.17602   1.24242   1.32424   1.39472   1.45385
1.52183   1.60859
  4191285.17 | 1.17697   1.23262   1.29318   1.36864   1.46759   1.56021   1.63803
1.72279   1.82402
  4191265.17 | 1.28952   1.35702   1.43011   1.51836   1.63744   1.75895   1.86183
1.96944   2.09578
  4191245.17 | 1.42006   1.50757   1.59696   1.70137   1.84335   2.00191   2.13913
2.28031   2.44273
  4191225.17 | 1.57227   1.68777   1.80544   1.93061   2.09973   2.30706   2.49452
2.68893   2.90626
  4191205.17 | 1.74922   1.90255   2.06251   2.22117   2.42772   2.70113   2.96641
3.24800   3.55470
  4191185.17 | 1.95284   2.15252   2.37307   2.58937   2.85861   3.22410   3.61586
4.04367   4.50675
  4191165.17 | 2.17599   2.43274   2.73550   3.05682   3.43929   3.94764   4.55765
5.24892   6.00674
  4191145.17 | 2.41489   2.72999   3.13671   3.65006   4.25491   5.02462   6.06920
7.31409   8.69614
  4191125.17 | 2.68359   3.05501   3.56430   4.29521   5.35805   6.79585   8.83652
11.52540   14.32394
  4191105.17 | 2.99749   3.43776   4.06972   5.03985   6.70710   9.86622   14.41181
20.95528   23.97105
  4191085.17 | 3.33585   3.85298   4.62977   5.90020   8.34194   14.84205   29.98666
56.36425   56.04062
  4191065.17 | 3.71406   4.34209   5.32816   7.04568   10.63878   20.30598   62.15427
64.98122   46.36888
  4191045.17 | 4.31806   5.12630   6.44875   8.78538   13.49924   27.70239   55.31941
38.93214   24.97097
  4191025.17 | 5.23013   6.28673   8.01090   11.02355   17.63940   25.97761   33.89194
21.81713   16.10498
  4191005.17 | 6.57778   7.94603   10.26257   15.06110   23.26535   32.49448   19.87551
14.35554   11.52993
  4190985.17 | 8.84552   10.72006   14.65683   20.76829   36.76102   19.86222   13.67631
10.67289   8.88891
  4190965.17 | 14.86465   18.37153   22.59683   28.60990   19.89899   13.25314   10.15393
8.35788   7.15342
  4190945.17 | 34.30136   31.63426   22.44285   15.97493   11.80350   9.28406   7.72511
6.66270   5.86629
  4190925.17 | 17.14538   13.54177   11.00613   9.19870   7.85629   6.82332   6.01453
5.37783   4.85306
  4190905.17 | 9.74286   8.42800   7.36644   6.53879   5.85351   5.29971   4.83621
4.43547   4.07829
  4190885.17 | 6.85325   6.14209   5.55740   5.07816   4.65777   4.30109   3.99543
3.72532   3.47503
  4190865.17 | 5.24963   4.80644   4.44235   4.12660   3.84319   3.59597   3.37556
3.17842   2.99460
  4190845.17 | 4.20258   3.91348   3.66727   3.44304   3.24169   3.06221   2.89717
2.74473   2.60310

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                           *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: UNIPM
***
                               INCLUDING SOURCE(S):   UNIPM   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 560457.30   560477.30   560497.30   560517.30   560537.30   560557.30   560577.30
560597.30   560617.30
 -

1.35095 1.36667
4191365.17 | 1.20735 1.25449 1.29990 1.34738 1.39667 1.44385 1.48152
1.51561 1.54262
4191345.17 | 1.34396 1.40091 1.45412 1.51017 1.57284 1.62544 1.66949
1.71843 1.76869
4191325.17 | 1.50655 1.57547 1.64228 1.71116 1.78253 1.84142 1.89825
1.95895 2.03707
4191305.17 | 1.69976 1.78436 1.86921 1.95562 2.03567 2.10826 2.19107
2.27382 2.37811
4191285.17 | 1.92939 2.03608 2.14988 2.25845 2.35261 2.45380 2.57226
2.69058 2.82861
4191265.17 | 2.22840 2.36886 2.51331 2.64225 2.76784 2.90814 3.06789
3.24683 3.43925
4191245.17 | 2.61712 2.80508 2.98583 3.15126 3.34063 3.54389 3.76190
4.02371 4.29714
4191225.17 | 3.14622 3.39724 3.63011 3.87475 4.17747 4.49321 4.79791
5.17321 5.56327
4191205.17 | 3.89760 4.23595 4.57534 4.98272 5.47177 5.99036 6.50769
7.00452 7.62733
4191185.17 | 5.01065 5.50897 6.08874 6.80338 7.60535 8.43306 9.30606
10.25965 11.61557
4191165.17 | 6.79936 7.68348 8.79282 10.10051 11.58565 13.06861 14.73380
17.24555 21.47351
4191145.17 | 10.22600 12.13589 14.56065 17.46854 20.35339 23.94088 27.89055
36.55159 46.02930
4191125.17 | 17.14975 21.90340 27.43185 34.06827 37.93597 43.70212 48.75243
52.44102 48.62090
4191105.17 | 27.05251 32.85851 38.15661 42.35150 41.28062 39.60640 33.93481
27.59925 23.11545
4191085.17 | 45.29014 34.14766 29.76615 26.32985 23.00620 20.11332 17.76783
15.76760 14.12956
4191065.17 | 28.96473 21.50128 17.80631 15.65054 14.21884 13.03287 11.95877
10.98176 10.11842
4191045.17 | 18.60516 15.10466 12.84770 11.33733 10.33046 9.52454 8.83984
8.25092 7.71471
4191025.17 | 13.14460 11.30497 9.97885 8.94527 8.12894 7.48402 6.96175
6.52690 6.14254
4191005.17 | 9.82734 8.71305 7.88603 7.20743 6.62652 6.13386 5.71851
5.36578 5.05778
4190985.17 | 7.73923 6.94950 6.37411 5.90959 5.50193 5.13604 4.81200
4.52529 4.26810
4190965.17 | 6.31546 5.71106 5.26435 4.91539 4.61881 4.34833 4.09799
3.86704 3.65359
4190945.17 | 5.25922 4.79469 4.43551 4.15255 3.92023 3.71353 3.51782
3.33074 3.15540
4190925.17 | 4.42069 4.06978 3.78526 3.55218 3.35842 3.19042 3.03433
2.88467 2.74352
4190905.17 | 3.76458 3.49658 3.26992 3.07556 2.90729 2.76192 2.63240
2.51343 2.40290
4190885.17 | 3.24403 3.03657 2.85438 2.69136 2.54480 2.41585 2.30496
2.20877 2.12233
4190865.17 | 2.81978 2.65595 2.50765 2.37203 2.24685 2.13476 2.03901
1.95862 1.88828
4190845.17 | 2.46614 2.33362 2.21122 2.09969 1.99614 1.90213 1.82004
1.75036 1.68914

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: UNIPM
***

INCLUDING SOURCE(S): UNIPM ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	560637.30	560657.30	560677.30	560697.30	560717.30	560737.30	560757.30	560777.30	560797.30
4190825.17	2.16684	2.05805	1.95639	1.86528	1.78235	1.70556	1.63580	1.57358	1.51736
4190805.17	1.91429	1.82434	1.73994	1.66547	1.59945	1.53760	1.47820	1.42173	1.36901
4190785.17	1.70490	1.63040	1.56026	1.49867	1.44506	1.39436	1.34304	1.29159	1.24263
4190765.17	1.53287	1.47165	1.41335	1.36130	1.31580	1.27257	1.22753	1.18111	1.13659
4190745.17	1.38985	1.34022	1.29191	1.24696	1.20643	1.16797	1.12830	1.08731	1.04773
4190725.17	1.26796	1.22815	1.18817	1.14872	1.11150	1.07643	1.04166	1.00640	0.97201
4190705.17	1.16184	1.12984	1.09641	1.06147	1.02705	0.99492	0.96469	0.93502	0.90572
4190685.17	1.06826	1.04201	1.01347	0.98242	0.95094	0.92178	0.89559	0.87086	0.84626
4190665.17	0.98495	0.96274	0.93794	0.91046	0.88224	0.85615	0.83337	0.81267	0.79216
4190645.17	0.90970	0.89055	0.86896	0.84503	0.82033	0.79733	0.77742	0.75985	0.74270

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: UNIPM ***

INCLUDING SOURCE(S): UNIPM ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	560817.30	560837.30	560857.30	560877.30	560897.30	560917.30	560937.30	560957.30	560977.30
4191625.17	0.42645	0.42939	0.43201	0.43353	0.43324	0.43241	0.43349	0.43733	0.44154
4191605.17	0.45899	0.46172	0.46491	0.46655	0.46550	0.46431	0.46549	0.46975	0.47505
4191585.17	0.49542	0.49762	0.50091	0.50326	0.50200	0.50114	0.50246	0.50664	0.51259
4191565.17	0.53718	0.54060	0.54169	0.54162	0.54066	0.54055	0.54233	0.54834	0.55512
4191545.17	0.58668	0.59001	0.58896	0.58692	0.58660	0.58751	0.58949	0.59484	0.60172
4191525.17	0.64508	0.64733	0.64412	0.64107	0.64124	0.64316	0.64520	0.64823	0.65389
4191505.17	0.71123	0.71306	0.71057	0.70870	0.70569	0.70773	0.71102	0.71416	0.71835
4191485.17	0.79055	0.79102	0.78838	0.78553	0.78378	0.78547	0.78844	0.79410	0.79765
4191465.17	0.88396	0.88371	0.87946	0.87460	0.87932	0.88064	0.88175	0.89075	0.89579
4191445.17	0.98248	0.98567	0.98878	0.98995	0.99357	0.99559	0.99686		

```
0.99843      1.00350
  4191425.17 |       1.09835      1.10422      1.11547      1.12692      1.12935      1.13005      1.13118
1.13323      1.14177
  4191405.17 |       1.23402      1.24440      1.26514      1.28626      1.28881      1.29207      1.29758
1.30607      1.31544
  4191385.17 |       1.37946      1.40569      1.44277      1.47480      1.49000      1.50512      1.51860
1.52525      1.52761
  4191365.17 |       1.57049      1.61152      1.66196      1.70974      1.74348      1.77398      1.79531
1.80143      1.79717
  4191345.17 |       1.82110      1.86738      1.93694      2.01121      2.06709      2.11148      2.14120
2.15613      2.15751
  4191325.17 |       2.11566      2.17979      2.28000      2.38864      2.46992      2.53566      2.58810
2.62773      2.65176
  4191305.17 |       2.48871      2.57837      2.71576      2.86053      2.97432      3.08176      3.18380
3.27398      3.34439
  4191285.17 |       2.97813      3.09875      3.27060      3.47059      3.63827      3.81350      3.99574
4.17927      4.35213
  4191265.17 |       3.64002      3.79266      3.99416      4.25228      4.55934      4.85373      5.16729
5.51370      5.88704
  4191245.17 |       4.56648      4.77438      5.08722      5.48806      5.96649      6.46787      7.03082
7.69397      8.47198
  4191225.17 |       5.96764      6.32045      6.88905      7.63764      8.39839      9.32223     10.45703
11.87053     13.65824
  4191205.17 |       8.40377      9.36157     10.41195     11.63105     13.26146     15.35253     18.23333
23.09062     27.09605
  4191185.17 |      13.44000     15.91940     18.65575     21.75381     25.89144     29.65022     34.76201
44.19068     48.56512
  4191165.17 |      27.72183     33.76171     41.63792     49.55799     53.56087     48.39261     41.73722
37.78887     35.37541
  4191145.17 |      54.05025     54.72144     52.07207     45.72701     36.57905     29.23943     24.30810
21.03145     18.95651
  4191125.17 |      39.77282     31.66096     25.93121     21.86525     18.88470     16.69743     14.93547
13.46073     12.13656
  4191105.17 |      19.81783     17.29982     15.31969     13.72453     12.42550     11.35491     10.38657
9.45622      8.59688
  4191085.17 |      12.78913     11.71298     10.72390      9.85853      9.08434      8.36975      7.70194
7.07817      6.51222
  4191065.17 |       9.35245      8.67497      8.05672      7.48811      6.95328      6.45148      5.98273
5.55755      5.16920
  4191045.17 |       7.22071      6.76230      6.33259      5.92598      5.53814      5.17112      4.83509
4.52680      4.24054
  4191025.17 |       5.79021      5.45798      5.13961      4.83277      4.54013      4.27098      4.02154
3.77827      3.56243
  4191005.17 |       4.77829      4.51662      4.26718      4.02996      3.80947      3.60836      3.41565
3.21637      3.04977
  4190985.17 |       4.03242      3.81375      3.61117      3.42604      3.25760      3.10046      2.94548
2.78693      2.65083
  4190965.17 |       3.45601      3.27440      3.11025      2.96323      2.82769      2.69740      2.57241
2.44725      2.33697
  4190945.17 |       2.99455      2.84920      2.71845      2.59836      2.48355      2.37311      2.27148
2.17193      2.07975
  4190925.17 |       2.61562      2.50176      2.39734      2.29740      2.19976      2.10767      2.02473
1.94251      1.86477
  4190905.17 |       2.30183      2.20992      2.12361      2.03970      1.95895      1.88425      1.81653
1.74742      1.68108
  4190885.17 |       2.04147      1.96388      1.88886      1.81753      1.75174      1.69189      1.63641
1.58069      1.52320
  4190865.17 |       1.82139      1.75445      1.68864      1.62750      1.57296      1.52401      1.47789
1.43192      1.38525
  4190845.17 |       1.63103      1.57326      1.51705      1.46505      1.41861      1.37675      1.33707
1.29823      1.26052
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

  PAGE 952
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*
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Y-COORD (METERS)	X-COORD (METERS)							
	560817.30	560837.30	560857.30	560877.30	560897.30	560917.30	560937.30	560957.30	560977.30
4190825.17	1.46488	1.41507	1.36824	1.32479	1.28480	1.24764	1.21219	1.17830	1.14705
4190805.17	1.32089	1.27765	1.23866	1.20255	1.16820	1.13483	1.10246	1.07224	1.04546
4190785.17	1.19861	1.16036	1.12694	1.09634	1.06668	1.03686	1.00740	0.98007	0.95627
4190765.17	1.09667	1.06216	1.03228	1.00522	0.97894	0.95232	0.92591	0.90135	0.87975
4190745.17	1.01193	0.98049	0.95287	0.92778	0.90363	0.87961	0.85621	0.83444	0.81491
4190725.17	0.94023	0.91161	0.88576	0.86181	0.83894	0.81690	0.79612	0.77701	0.75939
4190705.17	0.87781	0.85191	0.82776	0.80479	0.78284	0.76230	0.74363	0.72679	0.71106
4190685.17	0.82199	0.79866	0.77624	0.75441	0.73346	0.71421	0.69718	0.68212	0.66805
4190665.17	0.77121	0.75024	0.72949	0.70904	0.68936	0.67137	0.65565	0.64189	0.62911
4190645.17	0.72470	0.70583	0.68663	0.66764	0.64946	0.63283	0.61821	0.60540	0.59355

Y-COORD (METERS)	X-COORD (METERS)							
	560997.30	561017.30	561037.30	561057.30	561077.30	561097.30	561117.30	561137.30	561157.30
4191625.17	0.44118	0.43387	0.42573	0.42150	0.41941	0.41804	0.41615	0.41316	0.41019
4191605.17	0.47648	0.46954	0.46066	0.45484	0.45122	0.44897	0.44722	0.44515	0.44324
4191585.17	0.51557	0.50798	0.49982	0.49425	0.48720	0.48462	0.48402	0.48312	0.48149
4191565.17	0.55999	0.55339	0.54375	0.53669	0.53131	0.52894	0.52784	0.52718	0.52402
4191545.17	0.60836	0.60549	0.59495	0.58585	0.58214	0.58047	0.57884	0.57635	0.56967
4191525.17	0.66134	0.66613	0.65595	0.64506	0.64213	0.64013	0.63602	0.62959	0.61845
4191505.17	0.72467	0.72974	0.72475	0.71600	0.70829	0.70530	0.69861		

0.68750 0.67241
4191485.17 | 0.80337 0.80995 0.80848 0.79819 0.78781 0.77968 0.76802
0.75296 0.73488
4191465.17 | 0.90217 0.90886 0.90705 0.89028 0.88151 0.86695 0.84835
0.83012 0.80898
4191445.17 | 1.01314 1.02399 1.02412 1.00013 0.97907 0.96378 0.94490
0.92274 0.89703
4191425.17 | 1.15011 1.15864 1.15970 1.13224 1.10186 1.08323 1.06268
1.02993 0.99628
4191405.17 | 1.31949 1.32100 1.32253 1.29655 1.25882 1.23475 1.20530
1.15521 1.11102
4191385.17 | 1.52720 1.52458 1.52690 1.50632 1.45855 1.42522 1.38692
1.33262 1.27729
4191365.17 | 1.79379 1.79120 1.79185 1.77828 1.71798 1.66519 1.60733
1.54282 1.47333
4191345.17 | 2.15272 2.15015 2.14740 2.14055 2.06866 1.98307 1.89298
1.80904 1.71739
4191325.17 | 2.65672 2.65221 2.64859 2.64014 2.53266 2.43016 2.32051
2.20110 2.07620
4191305.17 | 3.38857 3.40178 3.38490 3.35594 3.24690 3.08537 2.92098
2.74171 2.59302
4191285.17 | 4.49818 4.59735 4.56605 4.48941 4.43343 4.14757 3.83329
3.54844 3.33473
4191265.17 | 6.27065 6.62514 6.75083 6.68581 6.66130 6.17313 5.52872
4.85274 4.24369
4191245.17 | 9.37567 10.38810 11.12686 11.48949 11.53774 10.50783 8.89583
7.29682 5.87087
4191225.17 | 15.93361 18.77935 21.04704 22.11608 23.38122 22.93605 15.95173
11.35509 8.28476
4191205.17 | 30.55552 36.84741 42.00705 42.77037 38.70011 33.39583 21.64825
13.78130 9.59012
4191185.17 | 49.36893 49.21038 45.55422 39.76342 31.24616 24.48984 18.09903
12.34132 8.87509
4191165.17 | 32.55394 28.01503 23.62954 19.37317 15.86300 13.47527 11.51419
9.51166 7.52788
4191145.17 | 16.99136 14.95316 13.13299 11.54065 10.07573 8.85350 7.80765
6.97855 6.11521
4191125.17 | 10.90051 9.79778 8.76463 7.88591 7.13504 6.44716 5.82995
5.33888 4.89597
4191105.17 | 7.82984 7.14559 6.48647 5.87251 5.42406 5.00175 4.60420
4.26732 3.97320
4191085.17 | 6.00629 5.54472 5.09318 4.66362 4.34037 4.03407 3.74545
3.49564 3.28275
4191065.17 | 4.81089 4.48225 4.16919 3.86757 3.59052 3.35243 3.13817
2.94042 2.77603
4191045.17 | 3.97568 3.73527 3.51251 3.29951 3.04596 2.85479 2.69304
2.53053 2.39512
4191025.17 | 3.36840 3.16052 2.99646 2.84988 2.68074 2.50647 2.34125
2.21673 2.10241
4191005.17 | 2.90047 2.73413 2.60713 2.49019 2.36155 2.21907 2.07881
1.97149 1.87177
4190985.17 | 2.52828 2.41062 2.30090 2.19601 2.09053 1.97986 1.87179
1.77431 1.68566
4190965.17 | 2.23667 2.14075 2.04706 1.95437 1.86709 1.78402 1.70158
1.61788 1.53669
4190945.17 | 1.99636 1.91374 1.83530 1.75885 1.68933 1.62171 1.55291
1.48131 1.41035
4190925.17 | 1.79359 1.72043 1.65749 1.59858 1.54249 1.48306 1.42205
1.36087 1.30146
4190905.17 | 1.62126 1.56026 1.51025 1.46257 1.41503 1.36191 1.30687
1.25451 1.20301
4190885.17 | 1.47116 1.42265 1.38162 1.34187 1.29831 1.25142 1.20364
1.15871 1.11415
4190865.17 | 1.33944 1.30154 1.26743 1.23057 1.19130 1.15163 1.11000
1.07191 1.03334
4190845.17 | 1.22166 1.19271 1.16141 1.12795 1.09423 1.06127 1.02827
0.99500 0.96154

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: UNIPM
***

INCLUDING SOURCE(S):   UNIPM   ,

*** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10   IN MICROGRAMS/M**3   **

Y-COORD (METERS)	X-COORD (METERS)							
	560997.30	561017.30	561037.30	561057.30	561077.30	561097.30	561117.30	561137.30	561157.30
4190825.17	1.11463	1.09137	1.06366	1.03475	1.00576	0.97746	0.94914	0.92031	0.89131
4190805.17	1.01796	0.99834	0.97468	0.94966	0.92476	0.90043	0.87596	0.85102	0.82593
4190785.17	0.93204	0.91486	0.89428	0.87267	0.85126	0.83030	0.80911	0.78742	0.76557
4190765.17	0.85909	0.84170	0.82308	0.80402	0.78541	0.76726	0.74882	0.72984	0.71066
4190745.17	0.79661	0.77892	0.76136	0.74393	0.72732	0.71134	0.69515	0.67842	0.66145
4190725.17	0.74249	0.72481	0.70848	0.69219	0.67679	0.66228	0.64782	0.63290	0.61775
4190705.17	0.69560	0.67842	0.66252	0.64765	0.63308	0.61949	0.60622	0.59270	0.57903
4190685.17	0.65402	0.63816	0.62321	0.60903	0.59511	0.58215	0.56966	0.55713	0.54459
4190665.17	0.61635	0.60187	0.58808	0.57480	0.56137	0.54934	0.53739	0.52555	0.51383
4190645.17	0.58178	0.56918	0.55637	0.54375	0.52976	0.51974	0.50862	0.49735	0.48625

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: UNIPM
***

INCLUDING SOURCE(S):   UNIPM   ,

*** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10   IN MICROGRAMS/M**3   **

Y-COORD (METERS)	X-COORD (METERS)							
	561177.30	561197.30	561217.30	561237.30	561257.30	561277.30	561297.30	561317.30	561337.30
4191625.17	0.40782	0.40583	0.40437	0.40237	0.39791	0.39036	0.38057	0.37010	0.35982
4191605.17	0.44119	0.43850	0.43531	0.43046	0.42269	0.41232	0.40075	0.39000	0.38048
4191585.17	0.47822	0.47329	0.46725	0.45915	0.44842	0.43599	0.42360	0.41342	0.40463
4191565.17	0.51776	0.50964	0.50058	0.48960	0.47658	0.46273	0.45025		

0.44077 0.43191
4191545.17 | 0.55949 0.54837 0.53683 0.52346 0.50844 0.49352 0.48119
0.47183 0.46172
4191525.17 | 0.60480 0.59157 0.57784 0.56194 0.54470 0.52892 0.51652
0.50622 0.49370
4191505.17 | 0.65640 0.64136 0.62477 0.60548 0.58587 0.56941 0.55627
0.54389 0.52806
4191485.17 | 0.71690 0.69902 0.67936 0.65642 0.63356 0.61583 0.60092
0.58379 0.56580
4191465.17 | 0.78793 0.76502 0.74102 0.71620 0.68924 0.66884 0.65032
0.62719 0.60815
4191445.17 | 0.87061 0.84020 0.80469 0.77236 0.74765 0.72448 0.70015
0.68205 0.65681
4191425.17 | 0.96207 0.91924 0.87891 0.84804 0.82019 0.79076 0.76165
0.73919 0.70541
4191405.17 | 1.06518 1.00910 0.97287 0.94596 0.90924 0.87274 0.83484
0.79769 0.75602
4191385.17 | 1.21911 1.16130 1.10960 1.06354 1.03223 0.98425 0.93023
0.87821 0.82958
4191365.17 | 1.40122 1.34180 1.28236 1.22018 1.16785 1.10072 1.03210
0.97206 0.92173
4191345.17 | 1.63247 1.56072 1.49628 1.41684 1.32159 1.23319 1.15810
1.09644 1.04538
4191325.17 | 1.96726 1.85700 1.74674 1.62965 1.51186 1.41463 1.33492
1.26731 1.20698
4191305.17 | 2.44158 2.24966 2.06495 1.90809 1.77924 1.66859 1.56867
1.47574 1.38678
4191285.17 | 3.09037 2.79108 2.51834 2.29924 2.13560 1.97815 1.82361
1.68023 1.54828
4191265.17 | 3.77638 3.40364 3.09993 2.81447 2.49202 2.25166 2.04614
1.83992 1.67517
4191245.17 | 4.89470 4.22244 3.73014 3.28024 2.79586 2.46640 2.20474
1.96879 1.78419
4191225.17 | 6.27514 5.05304 4.25498 3.61313 3.02763 2.61222 2.30035
2.06053 1.86624
4191205.17 | 7.15486 5.58936 4.53089 3.76156 3.18023 2.72199 2.36156
2.11399 1.91949
4191185.17 | 6.74442 5.33547 4.35041 3.63621 3.09646 2.66654 2.33453
2.09007 1.90711
4191165.17 | 5.96668 4.82444 3.99477 3.37012 2.86450 2.49780 2.21801
1.98591 1.81506
4191145.17 | 5.22038 4.42969 3.73874 3.16917 2.70454 2.37771 2.12025
1.89253 1.72261
4191125.17 | 4.43172 3.94438 3.45009 3.00078 2.61291 2.30760 2.05699
1.83516 1.66095
4191105.17 | 3.70454 3.41471 3.09288 2.77763 2.49915 2.23618 2.00020
1.79598 1.62154
4191085.17 | 3.09473 2.91919 2.72513 2.51379 2.30820 2.10679 1.91569
1.74324 1.58131
4191065.17 | 2.62853 2.50077 2.37799 2.24255 2.09538 1.94599 1.80018
1.66394 1.52732
4191045.17 | 2.27496 2.16883 2.07669 1.98570 1.88514 1.77619 1.66696
1.56153 1.45446
4191025.17 | 2.00212 1.91014 1.83125 1.76135 1.69088 1.61616 1.53545
1.45077 1.36596
4191005.17 | 1.78589 1.70636 1.63761 1.57890 1.52357 1.46953 1.40949
1.34245 1.27415
4190985.17 | 1.61036 1.54210 1.48302 1.43178 1.38324 1.33814 1.29147
1.24058 1.18631
4190965.17 | 1.46641 1.41180 1.35663 1.30655 1.26201 1.22275 1.18555
1.14671 1.10450
4190945.17 | 1.34813 1.29893 1.25148 1.20484 1.16185 1.12507 1.09272
1.06147 1.02863
4190925.17 | 1.24717 1.20020 1.15953 1.11960 1.07707 1.04208 1.01233
0.98524 0.95864
4190905.17 | 1.15483 1.11255 1.07351 1.03538 1.00137 0.97013 0.94227
0.91747 0.89454
4190885.17 | 1.07165 1.03362 0.99957 0.96691 0.93539 0.90615 0.88003
0.85687 0.83603

                            *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: UNIPM
***
                                INCLUDING SOURCE(S):   UNIPM   ,

                                 *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                      ** CONC OF PM_10   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 561177.30   561197.30   561217.30   561237.30   561257.30   561277.30   561297.30
561317.30   561337.30
 -
- - - - - - - -

  4190825.17 | 0.86268   0.83556   0.81128   0.78926   0.76669   0.74256   0.71994
0.70318   0.68719
  4190805.17 | 0.80097   0.77700   0.75529   0.73623   0.71688   0.69728   0.67786
0.65640   0.64184
  4190785.17 | 0.74377   0.72259   0.70312   0.68607   0.66929   0.65261   0.63621
0.62020   0.60289
  4190765.17 | 0.69149   0.67269   0.65518   0.63978   0.62575   0.61127   0.59702
0.58410   0.56777
  4190745.17 | 0.64444   0.62764   0.61178   0.59769   0.58540   0.57349   0.56053
0.54910   0.53576
  4190725.17 | 0.60253   0.58741   0.57294   0.55991   0.54872   0.53859   0.52666
0.51419   0.50206
  4190705.17 | 0.56531   0.55161   0.53834   0.52621   0.51574   0.50663   0.49727
0.48560   0.47414
  4190685.17 | 0.53209   0.51960   0.50741   0.49609   0.48620   0.47776   0.47004
0.46127   0.45040
  4190665.17 | 0.50228   0.49079   0.47954   0.46897   0.45959   0.45163   0.44463
0.43762   0.42895
  4190645.17 | 0.47539   0.46469   0.45421   0.44429   0.43540   0.42783   0.42134
0.41519   0.40844

                            *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: UNIPM
***
                                INCLUDING SOURCE(S):   UNIPM   ,

                                 *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                      ** CONC OF PM_10   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 561357.30   561377.30   561397.30
 -
- - - - - - - -

  4191625.17 | 0.35209   0.34758   0.34378
  4191605.17 | 0.37347   0.36893   0.36420

4191585.17	0.39750	0.39194	0.38535
4191565.17	0.42353	0.41595	0.40694
4191545.17	0.45101	0.44076	0.42928
4191525.17	0.47989	0.46686	0.45289
4191505.17	0.51088	0.49500	0.47763
4191485.17	0.54655	0.52560	0.50289
4191465.17	0.58721	0.55758	0.52989
4191445.17	0.62702	0.59177	0.56198
4191425.17	0.66806	0.63185	0.60178
4191405.17	0.71637	0.68170	0.65179
4191385.17	0.78783	0.75262	0.72125
4191365.17	0.88005	0.84533	0.81162
4191345.17	1.00172	0.96253	0.92125
4191325.17	1.15032	1.09538	1.03649
4191305.17	1.30111	1.21910	1.13828
4191285.17	1.42807	1.31946	1.22197
4191265.17	1.53473	1.40653	1.29442
4191245.17	1.62734	1.48180	1.35356
4191225.17	1.70002	1.54084	1.39822
4191205.17	1.75322	1.58729	1.43916
4191185.17	1.74888	1.59277	1.44974
4191165.17	1.67266	1.53587	1.40723
4191145.17	1.58404	1.46219	1.34303
4191125.17	1.52048	1.40306	1.28976
4191105.17	1.47593	1.35998	1.24997
4191085.17	1.43930	1.32610	1.21973
4191065.17	1.40054	1.29348	1.19120
4191045.17	1.34986	1.25377	1.16029
4191025.17	1.28226	1.20308	1.12275
4191005.17	1.20704	1.14348	1.07725
4190985.17	1.13158	1.07999	1.02576
4190965.17	1.06022	1.01772	0.97234
4190945.17	0.99356	0.95897	0.92051
4190925.17	0.93096	0.90351	0.87134
4190905.17	0.87166	0.84815	0.82342
4190885.17	0.81646	0.79665	0.77725
4190865.17	0.76492	0.74813	0.73249
4190845.17	0.71694	0.70202	0.68900

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: UNIPM ***

INCLUDING SOURCE(S): UNIPM ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)		
	561357.30	561377.30	561397.30
4190825.17	0.67227	0.65854	0.64718
4190805.17	0.63038	0.61757	0.60721
4190785.17	0.58728	0.57763	0.56869
4190765.17	0.55209	0.54177	0.53342
4190745.17	0.52272	0.51001	0.50164
4190725.17	0.49123	0.48244	0.47402
4190705.17	0.46377	0.45644	0.44850
4190685.17	0.43979	0.43204	0.42510
4190665.17	0.41958	0.41022	0.40314
4190645.17	0.39999	0.39138	0.38405

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: UNIPM ***

INCLUDING SOURCE(S): UNIPM ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
560122.00	4190978.00	2.19555	560142.00	4190978.00	2.41285
560162.00	4190978.00	2.63036	560182.00	4190978.00	2.85053
560202.00	4190978.00	3.09310	560222.00	4190978.00	3.36199
560242.00	4190978.00	3.65172	560262.00	4190978.00	3.95449
560102.00	4190998.00	1.68927	560122.00	4190998.00	1.83438
560142.00	4190998.00	1.98901	560162.00	4190998.00	2.15031
560182.00	4190998.00	2.30642	560202.00	4190998.00	2.46769
560222.00	4190998.00	2.64541	560242.00	4190998.00	2.84302
560262.00	4190998.00	3.05762	560282.00	4190998.00	3.28457
560302.00	4190998.00	3.51944	560322.00	4190998.00	3.77098
560102.00	4191018.00	1.48137	560122.00	4191018.00	1.59079
560142.00	4191018.00	1.70535	560162.00	4191018.00	1.82738
560182.00	4191018.00	1.94799	560202.00	4191018.00	2.06486
560222.00	4191018.00	2.18878	560242.00	4191018.00	2.32606
560262.00	4191018.00	2.47860	560282.00	4191018.00	2.64593
560302.00	4191018.00	2.82400	560322.00	4191018.00	3.01269
560342.00	4191018.00	3.21844	560362.00	4191018.00	3.45017
560382.00	4191018.00	3.71984	560402.00	4191018.00	4.05027
560102.00	4191038.00	1.33337	560122.00	4191038.00	1.42027
560142.00	4191038.00	1.51033	560162.00	4191038.00	1.60556
560182.00	4191038.00	1.70385	560202.00	4191038.00	1.79799
560222.00	4191038.00	1.89163	560242.00	4191038.00	1.99307
560262.00	4191038.00	2.10569	560282.00	4191038.00	2.23085
560302.00	4191038.00	2.36927	560322.00	4191038.00	2.51915
560342.00	4191038.00	2.68117	560362.00	4191038.00	2.86291

560382.00	4191038.00	3.07654	560402.00	4191038.00	3.33932
560422.00	4191038.00	3.67759	560442.00	4191038.00	4.13310
560462.00	4191038.00	4.78263	560082.00	4191058.00	1.15342
560102.00	4191058.00	1.21946	560122.00	4191058.00	1.29201
560142.00	4191058.00	1.36690	560162.00	4191058.00	1.44468
560182.00	4191058.00	1.52721	560202.00	4191058.00	1.60948
560222.00	4191058.00	1.68862	560242.00	4191058.00	1.77039
560262.00	4191058.00	1.86068	560282.00	4191058.00	1.96117
560302.00	4191058.00	2.07309	560322.00	4191058.00	2.19849
560342.00	4191058.00	2.33742	560362.00	4191058.00	2.49194
560382.00	4191058.00	2.67033	560402.00	4191058.00	2.88720
560422.00	4191058.00	3.16299	560442.00	4191058.00	3.52749
560462.00	4191058.00	4.03555	560082.00	4191078.00	1.06675
560102.00	4191078.00	1.12269	560122.00	4191078.00	1.18449
560142.00	4191078.00	1.24898	560162.00	4191078.00	1.31488

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: UNIPM ***

INCLUDING SOURCE(S): UNIPM ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
560182.00	4191078.00	1.38528	560202.00	4191078.00	1.45885
560222.00	4191078.00	1.53103	560242.00	4191078.00	1.60268
560262.00	4191078.00	1.67975	560282.00	4191078.00	1.76624
560302.00	4191078.00	1.86309	560322.00	4191078.00	1.97268
560342.00	4191078.00	2.09831	560362.00	4191078.00	2.24199
560382.00	4191078.00	2.40699	560402.00	4191078.00	2.60283
560422.00	4191078.00	2.84415	560442.00	4191078.00	3.15368
560462.00	4191078.00	3.56832	560482.00	4191078.00	4.16955
560502.00	4191078.00	5.10190	560082.00	4191098.00	0.98541
560102.00	4191098.00	1.03336	560122.00	4191098.00	1.08661

560142.00	4191098.00	1.14282	560162.00	4191098.00	1.19983
560182.00	4191098.00	1.26025	560202.00	4191098.00	1.32525
560222.00	4191098.00	1.39172	560242.00	4191098.00	1.45722
560262.00	4191098.00	1.52520	560282.00	4191098.00	1.60061
560302.00	4191098.00	1.68631	560322.00	4191098.00	1.78361
560342.00	4191098.00	1.89560	560362.00	4191098.00	2.02672
560382.00	4191098.00	2.18058	560402.00	4191098.00	2.36148
560422.00	4191098.00	2.57946	560442.00	4191098.00	2.85335
560462.00	4191098.00	3.21415	560482.00	4191098.00	3.72432
560502.00	4191098.00	4.47666	560522.00	4191098.00	5.69487
560062.00	4191118.00	0.86954	560082.00	4191118.00	0.90809
560102.00	4191118.00	0.94946	560122.00	4191118.00	0.99555
560142.00	4191118.00	1.04467	560162.00	4191118.00	1.09457
560182.00	4191118.00	1.14668	560202.00	4191118.00	1.20335
560222.00	4191118.00	1.26353	560242.00	4191118.00	1.32419
560262.00	4191118.00	1.38558	560282.00	4191118.00	1.45186
560302.00	4191118.00	1.52699	560322.00	4191118.00	1.61328
560342.00	4191118.00	1.71236	560362.00	4191118.00	1.82804
560382.00	4191118.00	1.96496	560402.00	4191118.00	2.12749
560422.00	4191118.00	2.32233	560442.00	4191118.00	2.56202
560462.00	4191118.00	2.87215	560482.00	4191118.00	3.29757
560502.00	4191118.00	3.89487	560522.00	4191118.00	4.79496
560062.00	4191138.00	0.80281	560082.00	4191138.00	0.83615
560102.00	4191138.00	0.87208	560122.00	4191138.00	0.91222
560142.00	4191138.00	0.95529	560162.00	4191138.00	0.99938
560182.00	4191138.00	1.04484	560202.00	4191138.00	1.09426
560222.00	4191138.00	1.14797	560242.00	4191138.00	1.20411
560262.00	4191138.00	1.26096	560282.00	4191138.00	1.32057
560302.00	4191138.00	1.38689	560322.00	4191138.00	1.46321
560342.00	4191138.00	1.55169	560362.00	4191138.00	1.65431

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: UNIPM

***

INCLUDING SOURCE(S): UNIPM ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
560382.00	4191138.00	1.77482	560402.00	4191138.00	1.91904
560422.00	4191138.00	2.09351	560442.00	4191138.00	2.30637
560462.00	4191138.00	2.57731	560482.00	4191138.00	2.93465
560502.00	4191138.00	3.40762	560062.00	4191158.00	0.74197
560082.00	4191158.00	0.77105	560102.00	4191158.00	0.80248
560122.00	4191158.00	0.83768	560142.00	4191158.00	0.87562
560162.00	4191158.00	0.91499	560182.00	4191158.00	0.95526
560202.00	4191158.00	0.99866	560222.00	4191158.00	1.04644
560242.00	4191158.00	1.09788	560262.00	4191158.00	1.15111
560282.00	4191158.00	1.20603	560302.00	4191158.00	1.26569
560322.00	4191158.00	1.33372	560342.00	4191158.00	1.41294
560362.00	4191158.00	1.50515	560382.00	4191158.00	1.61273
560402.00	4191158.00	1.74061	560422.00	4191158.00	1.89505
560442.00	4191158.00	2.08373	560462.00	4191158.00	2.31979
560482.00	4191158.00	2.61119	560502.00	4191158.00	2.96368
560062.00	4191178.00	0.68763	560082.00	4191178.00	0.71306
560102.00	4191178.00	0.74086	560122.00	4191178.00	0.77201
560142.00	4191178.00	0.80569	560162.00	4191178.00	0.84111
560182.00	4191178.00	0.87734	560202.00	4191178.00	0.91591
560222.00	4191178.00	0.95851	560242.00	4191178.00	1.00524
560322.00	4191178.00	1.22290	560342.00	4191178.00	1.29389
560362.00	4191178.00	1.37666	560382.00	4191178.00	1.47354
560402.00	4191178.00	1.58774	560422.00	4191178.00	1.72273
560442.00	4191178.00	1.88491	560462.00	4191178.00	2.07997
560482.00	4191178.00	2.30577	560502.00	4191178.00	2.55627
560062.00	4191198.00	0.63939	560082.00	4191198.00	0.66204
560102.00	4191198.00	0.68699	560122.00	4191198.00	0.71484
560142.00	4191198.00	0.74504	560162.00	4191198.00	0.77719
560182.00	4191198.00	0.81025	560202.00	4191198.00	0.84500
560222.00	4191198.00	0.88323	560362.00	4191198.00	1.26664

560382.00	4191198.00	1.35363	560402.00	4191198.00	1.45446
560422.00	4191198.00	1.56994	560442.00	4191198.00	1.70304
560462.00	4191198.00	1.85753	560482.00	4191198.00	2.02923
560042.00	4191218.00	0.57735	560062.00	4191218.00	0.59752
560082.00	4191218.00	0.61794	560102.00	4191218.00	0.64047
560122.00	4191218.00	0.66568	560142.00	4191218.00	0.69310
560162.00	4191218.00	0.72252	560182.00	4191218.00	0.75306
560202.00	4191218.00	0.78482	560222.00	4191218.00	0.81945
560342.00	4191218.00	1.10648	560362.00	4191218.00	1.17316
560382.00	4191218.00	1.24946	560402.00	4191218.00	1.33581

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: UNIPM ***

INCLUDING SOURCE(S): UNIPM ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
560422.00	4191218.00	1.43219	560442.00	4191218.00	1.54058
560462.00	4191218.00	1.66253	560482.00	4191218.00	1.79125
560082.00	4191238.00	0.58012	560102.00	4191238.00	0.60074
560122.00	4191238.00	0.62386	560142.00	4191238.00	0.64902
560162.00	4191238.00	0.67611	560182.00	4191238.00	0.70455
560202.00	4191238.00	0.73399	560222.00	4191238.00	0.76577
560342.00	4191238.00	1.03328	560362.00	4191238.00	1.09207
560382.00	4191238.00	1.15761	560402.00	4191238.00	1.23028
560422.00	4191238.00	1.31062	560442.00	4191238.00	1.39943
560462.00	4191238.00	1.49484	560182.00	4191258.00	0.66348
560202.00	4191258.00	0.69124	560322.00	4191258.00	0.92082
560342.00	4191258.00	0.96887	560362.00	4191258.00	1.02054
560382.00	4191258.00	1.07679	560402.00	4191258.00	1.13812
560422.00	4191258.00	1.20489	560442.00	4191258.00	1.27665
560462.00	4191258.00	1.35184	560322.00	4191278.00	0.86748

560342.00	4191278.00	0.91106	560362.00	4191278.00	0.95682
560382.00	4191278.00	1.00548	560402.00	4191278.00	1.05715
560422.00	4191278.00	1.11145	560442.00	4191278.00	1.16930
559982.00	4191298.00	0.41762	560002.00	4191298.00	0.43543
560022.00	4191298.00	0.45176	560042.00	4191298.00	0.46674
560062.00	4191298.00	0.48133	560302.00	4191298.00	0.78035
560322.00	4191298.00	0.81850	560342.00	4191298.00	0.85818
560362.00	4191298.00	0.89905	560382.00	4191298.00	0.94105
560402.00	4191298.00	0.98362	560422.00	4191298.00	1.02718
560442.00	4191298.00	1.07441	559962.00	4191318.00	0.38591
559982.00	4191318.00	0.40194	560002.00	4191318.00	0.41855
560022.00	4191318.00	0.43355	560042.00	4191318.00	0.44748
560062.00	4191318.00	0.46122	560082.00	4191318.00	0.47561
560102.00	4191318.00	0.49148	560122.00	4191318.00	0.50930
560142.00	4191318.00	0.52892	560162.00	4191318.00	0.55013
560302.00	4191318.00	0.73831	560322.00	4191318.00	0.77278
560342.00	4191318.00	0.80884	560362.00	4191318.00	0.84525
560382.00	4191318.00	0.88072	560402.00	4191318.00	0.91515
560422.00	4191318.00	0.95092	559962.00	4191338.00	0.37256
559982.00	4191338.00	0.38791	560002.00	4191338.00	0.40325
560022.00	4191338.00	0.41710	560042.00	4191338.00	0.43016
560062.00	4191338.00	0.44321	560082.00	4191338.00	0.45692
560102.00	4191338.00	0.47204	560122.00	4191338.00	0.48896
560142.00	4191338.00	0.50752	560162.00	4191338.00	0.52745
560182.00	4191338.00	0.54883	560202.00	4191338.00	0.57125

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: UNIPM
***

INCLUDING SOURCE(S): UNIPM ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC

- - - - - - -

560222.00	4191338.00	0.59415	560242.00	4191338.00	0.61776
560302.00	4191338.00	0.69873	560322.00	4191338.00	0.72984
560342.00	4191338.00	0.76219	560362.00	4191338.00	0.79382
560382.00	4191338.00	0.82327	560402.00	4191338.00	0.85176
560422.00	4191338.00	0.88263	559962.00	4191358.00	0.36027
559982.00	4191358.00	0.37486	560002.00	4191358.00	0.38906
560022.00	4191358.00	0.40196	560042.00	4191358.00	0.41427
560062.00	4191358.00	0.42669	560082.00	4191358.00	0.43976
560102.00	4191358.00	0.45406	560122.00	4191358.00	0.46997
560142.00	4191358.00	0.48735	560162.00	4191358.00	0.50591
560182.00	4191358.00	0.52564	560202.00	4191358.00	0.54637
560222.00	4191358.00	0.56745	560242.00	4191358.00	0.58885
560262.00	4191358.00	0.61122	560282.00	4191358.00	0.63540
560302.00	4191358.00	0.66169	560322.00	4191358.00	0.68956
560342.00	4191358.00	0.71774	560362.00	4191358.00	0.74450
560382.00	4191358.00	0.76959	560402.00	4191358.00	0.79470
559962.00	4191378.00	0.34868	559982.00	4191378.00	0.36252
560002.00	4191378.00	0.37571	560022.00	4191378.00	0.38776
560042.00	4191378.00	0.39941	560062.00	4191378.00	0.41117
560082.00	4191378.00	0.42350	560102.00	4191378.00	0.43693
560122.00	4191378.00	0.45178	560142.00	4191378.00	0.46799
560162.00	4191378.00	0.48522	560182.00	4191378.00	0.50342
560202.00	4191378.00	0.52247	560222.00	4191378.00	0.54179
560242.00	4191378.00	0.56125	560262.00	4191378.00	0.58158
560282.00	4191378.00	0.60361	560302.00	4191378.00	0.62738
560322.00	4191378.00	0.65182	560342.00	4191378.00	0.67562
559982.00	4191398.00	0.35076	560002.00	4191398.00	0.36303
560022.00	4191398.00	0.37431	560042.00	4191398.00	0.38526
560062.00	4191398.00	0.39634	560082.00	4191398.00	0.40793
560102.00	4191398.00	0.42050	560122.00	4191398.00	0.43440
560142.00	4191398.00	0.44954	560162.00	4191398.00	0.46554
560182.00	4191398.00	0.48227	560202.00	4191398.00	0.49966
560222.00	4191398.00	0.51744	560242.00	4191398.00	0.53549
560262.00	4191398.00	0.55437	560282.00	4191398.00	0.57458

559982.00	4191418.00	0.33968	560002.00	4191418.00	0.35109
560022.00	4191418.00	0.36155	560042.00	4191418.00	0.37179
560062.00	4191418.00	0.38221	560082.00	4191418.00	0.39316
560102.00	4191418.00	0.40502	560122.00	4191418.00	0.41808
560142.00	4191418.00	0.43220	560162.00	4191418.00	0.44699
560182.00	4191418.00	0.46229	560202.00	4191418.00	0.47827

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: UNIPM ***

INCLUDING SOURCE(S): UNIPM ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
560222.00	4191418.00	0.49491	560242.00	4191418.00	0.51198
560262.00	4191418.00	0.52951	560002.00	4191438.00	0.33967
560022.00	4191438.00	0.34952	560042.00	4191438.00	0.35913
560062.00	4191438.00	0.36903	560082.00	4191438.00	0.37944
560102.00	4191438.00	0.39067	560122.00	4191438.00	0.40286
560142.00	4191438.00	0.41592	560162.00	4191438.00	0.42953
560182.00	4191438.00	0.44365	560202.00	4191438.00	0.45860
560222.00	4191438.00	0.47437	560242.00	4191438.00	0.49045
560262.00	4191438.00	0.50638	560042.00	4191458.00	0.34756
560062.00	4191458.00	0.35694	560082.00	4191458.00	0.36680
560102.00	4191458.00	0.37729	560122.00	4191458.00	0.38856
560142.00	4191458.00	0.40058	560162.00	4191458.00	0.41322
560182.00	4191458.00	0.42650	560202.00	4191458.00	0.44064
560222.00	4191458.00	0.45545	560242.00	4191458.00	0.47019
560262.00	4191458.00	0.48431	560142.00	4191478.00	0.38632
560162.00	4191478.00	0.39824	560182.00	4191478.00	0.41085
560202.00	4191478.00	0.42400	560222.00	4191478.00	0.43745
560242.00	4191478.00	0.45051	560155.00	4190663.00	1.30916
560175.00	4190663.00	1.29398	560115.00	4190683.00	1.46920

560135.00	4190683.00	1.47630	560155.00	4190683.00	1.47745
560175.00	4190683.00	1.46465	560095.00	4190703.00	1.65603
560115.00	4190703.00	1.67364	560135.00	4190703.00	1.68145
560155.00	4190703.00	1.68396	560175.00	4190703.00	1.67482
560095.00	4190723.00	1.93123	560115.00	4190723.00	1.94765
560135.00	4190723.00	1.95563	560155.00	4190723.00	1.95575
560175.00	4190723.00	1.96057	560195.00	4190723.00	1.98520
560095.00	4190743.00	2.31627	560115.00	4190743.00	2.33451
560135.00	4190743.00	2.34285	560155.00	4190743.00	2.35847
560175.00	4190743.00	2.40069	560195.00	4190743.00	2.45306
560075.00	4190763.00	2.80955	560095.00	4190763.00	2.89348
560115.00	4190763.00	2.91983	560135.00	4190763.00	2.95590
560155.00	4190763.00	3.04459	560175.00	4190763.00	3.12786
560195.00	4190763.00	3.18331	560215.00	4190763.00	3.20270
560075.00	4190783.00	3.74202	560095.00	4190783.00	3.87167
560115.00	4190783.00	3.95124	560135.00	4190783.00	4.14799
560155.00	4190783.00	4.31948	560175.00	4190783.00	4.37373
560195.00	4190783.00	4.33824	560215.00	4190783.00	4.23950
560235.00	4190783.00	4.10638	560075.00	4190803.00	5.70285
560095.00	4190803.00	5.98824	560115.00	4190803.00	6.53167
560135.00	4190803.00	6.84980	560155.00	4190803.00	6.79168

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: UNIPM ***

INCLUDING SOURCE(S): UNIPM ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
560175.00	4190803.00	6.50505	560195.00	4190803.00	6.14760
560215.00	4190803.00	5.78225	560235.00	4190803.00	5.43680
560255.00	4190803.00	5.11923	560275.00	4190803.00	4.82814
560075.00	4190823.00	11.27599	560095.00	4190823.00	15.61321

560115.00	4190823.00	15.13159	560135.00	4190823.00	13.41612
560155.00	4190823.00	11.80809	560175.00	4190823.00	10.44844
560195.00	4190823.00	9.31645	560215.00	4190823.00	8.39363
560235.00	4190823.00	7.62748	560255.00	4190823.00	6.97924
560275.00	4190823.00	6.42398	560295.00	4190823.00	5.94280
560315.00	4190823.00	5.51896	560115.00	4190843.00	39.53790
560135.00	4190843.00	34.37188	560155.00	4190843.00	25.54181
560175.00	4190843.00	20.03901	560195.00	4190843.00	16.37618
560215.00	4190843.00	13.77248	560235.00	4190843.00	11.83771
560255.00	4190843.00	10.35205	560275.00	4190843.00	9.17782
560295.00	4190843.00	8.22941	560315.00	4190843.00	7.44773
560335.00	4190843.00	6.78798	560195.00	4190863.00	39.49847
560215.00	4190863.00	29.59694	560235.00	4190863.00	22.39524
560255.00	4190863.00	17.86352	560275.00	4190863.00	14.76941
560295.00	4190863.00	12.53827	560315.00	4190863.00	10.86252
560335.00	4190863.00	9.55968	560075.00	4190883.00	6.40336
560095.00	4190883.00	9.12902	560115.00	4190883.00	12.58438
560255.00	4190883.00	52.32369	560275.00	4190883.00	33.16540
560295.00	4190883.00	24.19633	560315.00	4190883.00	18.85959
560335.00	4190883.00	15.36226			

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: UNIVERSI ***
INCLUDING SOURCE(S): L0000458 , L0000459 , L0000460 , L0000461 , L0000462 ,
L0000463 , L0000464 , L0000465 , L0000466 , L0000467 , L0000468 , L0000469 , L0000470 ,
L0000471 , L0000472 , L0000473 , L0000474 , L0000475 , L0000476 , L0000477 , L0000478 ,
L0000479 , L0000480 , L0000481 , L0000482 , L0000483 , L0000484 , L0000485 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD | X-COORD (METERS)
(METERS) | 559917.30 559937.30 559957.30 559977.30 559997.30 560017.30 560037.30 560057.30 560077.30
- -

4191625.17 | 0.24256 0.24854 0.25456 0.26042 0.26597 0.27133 0.27653
0.28136 0.28637
4191605.17 | 0.24949 0.25580 0.26222 0.26851 0.27456 0.28039 0.28600
0.29134 0.29666
4191585.17 | 0.25668 0.26334 0.27018 0.27692 0.28338 0.28966 0.29581
0.30181 0.30751
4191565.17 | 0.26419 0.27118 0.27845 0.28559 0.29204 0.29877 0.30567
0.31244 0.31867
4191545.17 | 0.27204 0.27925 0.28690 0.29451 0.30119 0.30857 0.31612
0.32338 0.33022
4191525.17 | 0.28027 0.28757 0.29557 0.30372 0.31116 0.31919 0.32722
0.33471 0.34224
4191505.17 | 0.28901 0.29661 0.30506 0.31382 0.32228 0.33064 0.33898
0.34706 0.35518
4191485.17 | 0.29831 0.30621 0.31509 0.32442 0.33366 0.34265 0.35152
0.36065 0.36959
4191465.17 | 0.30824 0.31642 0.32575 0.33567 0.34556 0.35530 0.36492
0.37504 0.38438
4191445.17 | 0.31889 0.32773 0.33764 0.34820 0.35883 0.36946 0.37981
0.38982 0.39995
4191425.17 | 0.33021 0.33952 0.35006 0.36136 0.37277 0.38398 0.39483
0.40567 0.41662
4191405.17 | 0.34228 0.35198 0.36311 0.37493 0.38717 0.39925 0.41106
0.42273 0.43452
4191385.17 | 0.35525 0.36531 0.37696 0.38953 0.40269 0.41573 0.42849
0.44108 0.45379
4191365.17 | 0.36886 0.37952 0.39174 0.40511 0.41929 0.43342 0.44723
0.46086 0.47460
4191345.17 | 0.38344 0.39468 0.40755 0.42179 0.43706 0.45241 0.46743
0.48223 0.49713
4191325.17 | 0.39902 0.41094 0.42453 0.43968 0.45617 0.47288 0.48927
0.50539 0.52160
4191305.17 | 0.41569 0.42852 0.44283 0.45912 0.47685 0.49503 0.51298
0.53061 0.54832
4191285.17 | 0.43352 0.44728 0.46265 0.47994 0.49926 0.51911 0.53885
0.55822 0.57764
4191265.17 | 0.45271 0.46769 0.48407 0.50275 0.52354 0.54541 0.56722
0.58861 0.61003
4191245.17 | 0.47332 0.48976 0.50741 0.52739 0.55003 0.57420 0.59843
0.62220 0.64595
4191225.17 | 0.49548 0.51367 0.53290 0.55444 0.57905 0.60577 0.63282
0.65939 0.68593
4191205.17 | 0.51933 0.53955 0.56069 0.58411 0.61095 0.64048 0.67090
0.70072 0.73045
4191185.17 | 0.54490 0.56752 0.59106 0.61658 0.64546 0.67809 0.71233
0.74656 0.78025
4191165.17 | 0.57216 0.59754 0.62388 0.65147 0.68332 0.71962 0.75809
0.79643 0.83552
4191145.17 | 0.60087 0.62944 0.65900 0.69025 0.72483 0.76495 0.80848
0.85226 0.89696
4191125.17 | 0.63063 0.66285 0.69623 0.73129 0.76970 0.81411 0.86349
0.91374 0.96515
4191105.17 | 0.66089 0.69729 0.73522 0.77493 0.81771 0.86714 0.92330
0.98129 1.04080
4191085.17 | 0.69113 0.73239 0.77555 0.82091 0.86908 0.92434 0.98839
1.05578 1.12525
4191065.17 | 0.72055 0.76762 0.81711 0.86938 0.92442 0.98672 1.06016
1.13924 1.22129
4191045.17 | 0.74835 0.80275 0.86018 0.92105 0.98507 1.05640 1.14138
1.23543 1.33368
4191025.17 | 0.77494 0.83796 0.90534 0.97723 1.05319 1.13670 1.23641
1.35024 1.46927
4191005.17 | 0.80041 0.87323 0.95306 1.03941 1.13144 1.23193 1.35120
1.48829 1.63822
4190985.17 | 0.82542 0.90868 1.00322 1.10841 1.22239 1.34699 1.49222
1.65853 1.85372
4190965.17 | 0.85050 0.94428 1.05487 1.18329 1.32726 1.48671 1.67084
1.88627 2.14082
4190945.17 | 0.87657 0.97973 1.10619 1.26058 1.44370 1.65131 1.89019

2.18393   2.54142
4190925.17 | 0.90599   1.01590   1.15545   1.33497   1.56380   1.83771   2.16306
2.58681   3.12582
4190905.17 | 0.94101   1.05623   1.20470   1.40323   1.67533   2.03778   2.51437
3.16019   4.04486
4190885.17 | 0.97893   1.10134   1.25888   1.47148   1.77631   2.22582   2.91393
4.00870   5.71126
4190865.17 | 1.01080   1.14176   1.31152   1.54130   1.87207   2.39984   3.29478
5.23660   7.30194
4190845.17 | 1.02681   1.16400   1.34390   1.59098   1.95309   2.54628   3.61624
6.56642   6.98999

*** AERMOD - VERSION 24142 ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
09/18/25
*** AERMET - VERSION 18081 ***   ***   ***
09:59:03

PAGE 967
*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: UNIVERSI
***
INCLUDING SOURCE(S):   L0000458   , L0000459   , L0000460   , L0000461   ,
L0000462   ,
L0000463   , L0000464   , L0000465   , L0000466   , L0000467   , L0000468   , L0000469   ,
L0000470   ,
L0000471   , L0000472   , L0000473   , L0000474   , L0000475   , L0000476   , L0000477   ,
L0000478   ,
L0000479   , L0000480   , L0000481   , L0000482   , L0000483   , L0000484   , L0000485   ,
. . .   ,

*** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10   IN MICROGRAMS/M**3   **

Y-COORD | X-COORD (METERS)
(METERS) | 559917.30   559937.30   559957.30   559977.30   559997.30   560017.30   560037.30
560057.30   560077.30
- -
- - - - - - - -

4190825.17 | 1.03142   1.17354   1.36166   1.62312   2.01713   2.66403   3.84641
6.32857   7.47188
4190805.17 | 1.04753   1.19911   1.40213   1.68999   2.11797   2.76833   3.70337
4.72324   5.57525
4190785.17 | 1.08572   1.25268   1.47527   1.77719   2.17515   2.65119   3.14564
3.51471   3.81774
4190765.17 | 1.13775   1.31374   1.53369   1.79605   2.07875   2.35634   2.60899
2.78841   2.94772
4190745.17 | 1.18288   1.34700   1.52884   1.71897   1.90166   2.06686   2.21140
2.31466   2.41365
4190725.17 | 1.20041   1.33459   1.47015   1.59951   1.71807   1.82239   1.91280
1.98910   2.05326
4190705.17 | 1.18377   1.28607   1.38254   1.47144   1.55150   1.62033   1.68008
1.73509   1.78039
4190685.17 | 1.14354   1.21810   1.28684   1.34974   1.40473   1.45157   1.49231
1.53030   1.56728
4190665.17 | 1.08847   1.14284   1.19309   1.23787   1.27608   1.30890   1.33784
1.36559   1.39283
4190645.17 | 1.02697   1.06764   1.10460   1.13643   1.16364   1.18730   1.20858
1.22947   1.24981

*** AERMOD - VERSION 24142 ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
09/18/25
*** AERMET - VERSION 18081 ***   ***   ***
09:59:03

PAGE 968
*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: UNIVERSI

***
INCLUDING SOURCE(S): L0000458 , L0000459 , L0000460 , L0000461 , L0000462 ,
L0000463 , L0000464 , L0000465 , L0000466 , L0000467 , L0000468 , L0000469 , L0000470 ,
L0000471 , L0000472 , L0000473 , L0000474 , L0000475 , L0000476 , L0000477 , L0000478 ,
L0000479 , L0000480 , L0000481 , L0000482 , L0000483 , L0000484 , L0000485 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	560097.30	560117.30	560137.30	560157.30	560177.30	560197.30	560217.30	560237.30	560257.30
4191625.17	0.29150	0.29676	0.30217	0.30775	0.31346	0.31927	0.32515	0.33106	0.33692
4191605.17	0.30208	0.30780	0.31371	0.31980	0.32604	0.33241	0.33886	0.34536	0.35181
4191585.17	0.31319	0.31941	0.32584	0.33249	0.33932	0.34630	0.35337	0.36050	0.36759
4191565.17	0.32475	0.33100	0.33788	0.34511	0.35255	0.36053	0.36876	0.37657	0.38436
4191545.17	0.33698	0.34390	0.35117	0.35879	0.36692	0.37593	0.38507	0.39365	0.40220
4191525.17	0.34994	0.35792	0.36578	0.37375	0.38264	0.39250	0.40251	0.41195	0.42134
4191505.17	0.36350	0.37216	0.38144	0.39110	0.40090	0.41151	0.42210	0.43251	0.44277
4191485.17	0.37861	0.38803	0.39808	0.40859	0.41933	0.43041	0.44158	0.45300	0.46463
4191465.17	0.39413	0.40433	0.41506	0.42630	0.43801	0.45011	0.46250	0.47504	0.48784
4191445.17	0.41046	0.42148	0.43311	0.44532	0.45808	0.47130	0.48487	0.49862	0.51256
4191425.17	0.42794	0.43984	0.45243	0.46569	0.47958	0.49401	0.50884	0.52392	0.53919
4191405.17	0.44671	0.45957	0.47319	0.48758	0.50270	0.51843	0.53463	0.55115	0.56797
4191385.17	0.46695	0.48083	0.49558	0.51119	0.52763	0.54477	0.56245	0.58055	0.59909
4191365.17	0.48882	0.50385	0.51982	0.53675	0.55462	0.57328	0.59256	0.61238	0.63283
4191345.17	0.51255	0.52884	0.54617	0.56457	0.58398	0.60426	0.62527	0.64698	0.66954
4191325.17	0.53838	0.55611	0.57497	0.59499	0.61610	0.63815	0.66103	0.68479	0.70967
4191305.17	0.56664	0.58601	0.60662	0.62848	0.65150	0.67550	0.70042	0.72644	0.75387
4191285.17	0.59773	0.61898	0.64160	0.66557	0.69076	0.71696	0.74419	0.77273	0.80299
4191265.17	0.63217	0.65559	0.68052	0.70693	0.73461	0.76335	0.79324	0.82469	0.85812
4191245.17	0.67050	0.69647	0.72411	0.75335	0.78392	0.81562	0.84864	0.88348	0.92058
4191225.17	0.71332	0.74231	0.77315	0.80572	0.83968	0.87487	0.91163	0.95050	0.99186
4191205.17	0.76125	0.79385	0.82851	0.86503	0.90300	0.94238	0.98363	1.02731	1.07364
4191185.17	0.81491	0.85185	0.89109	0.93234	0.97514	1.01957	1.06626	1.11566	1.16780
4191165.17	0.87499	0.91712	0.96188	1.00882	1.05747	1.10809	1.16137	1.21756	1.27644
4191145.17	0.94220	0.99057	1.04196	1.09575	1.15154	1.20977	1.27105		

1.33529 1.40209
4191125.17 | 1.01732 1.07318 1.13254 1.19462 1.25915 1.32676 1.39773
1.47155 1.54791
4191105.17 | 1.10136 1.16631 1.23532 1.30749 1.38281 1.46191 1.54455
1.62992 1.71833
4191085.17 | 1.19619 1.27239 1.35333 1.43804 1.52687 1.62015 1.71696
1.81679 1.92108
4191065.17 | 1.30545 1.39606 1.49229 1.59327 1.69958 1.81080 1.92565
2.04490 2.17128
4191045.17 | 1.43566 1.54549 1.66226 1.78532 1.91514 2.05026 2.19016
2.33771 2.49640
4191025.17 | 1.59645 1.73382 1.87914 2.03342 2.19599 2.36499 2.54243
2.73304 2.94038
4191005.17 | 1.80115 1.97993 2.16694 2.36650 2.57628 2.79648 3.03266
3.29021 3.57194
4190985.17 | 2.07613 2.31302 2.56286 2.83001 3.11210 3.41492 3.74648
4.11107 4.51049
4190965.17 | 2.43237 2.77296 3.13097 3.50537 3.90909 4.35327 4.81992
5.30341 5.87712
4190945.17 | 2.95150 3.43275 3.96722 4.54477 5.16990 5.85132 6.54670
7.31434 8.26296
4190925.17 | 3.75564 4.47678 5.28009 6.19012 7.24082 8.44389 9.83345
11.49738 13.62408
4190905.17 | 5.14728 6.45672 7.99129 9.83630 12.14056 15.08034 16.40241
18.66231 20.47674
4190885.17 | 8.09839 11.21905 13.15574 17.74461 15.52904 16.75778 19.99382
22.52523 23.34841
4190865.17 | 10.46617 12.95199 18.33106 15.04707 18.16388 18.50023 28.77540
23.98063 21.77936
4190845.17 | 7.10768 12.99827 16.83517 23.42959 21.68480 18.18448 15.66124
13.73900 12.26700

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: UNIVERSI
***

INCLUDING SOURCE(S): L0000458 , L0000459 , L0000460 , L0000461 ,
L0000462 ,
L0000463 , L0000464 , L0000465 , L0000466 , L0000467 , L0000468 , L0000469 ,
L0000470 ,
L0000471 , L0000472 , L0000473 , L0000474 , L0000475 , L0000476 , L0000477 ,
L0000478 ,
L0000479 , L0000480 , L0000481 , L0000482 , L0000483 , L0000484 , L0000485 ,
. . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD | X-COORD (METERS)
(METERS) | 560097.30 560117.30 560137.30 560157.30 560177.30 560197.30 560217.30
560237.30 560257.30
- -
- - - - - - - -

4190825.17 | 8.48297 14.82679 13.48597 12.22364 11.17440 10.23522 9.43606
8.75592 8.16380
4190805.17 | 6.28184 6.81928 7.13601 7.15613 6.96810 6.71862 6.44829
6.17573 5.90588
4190785.17 | 4.08157 4.30687 4.56577 4.74963 4.80638 4.78892 4.71984
4.61827 4.50632
4190765.17 | 3.09856 3.20948 3.33764 3.46418 3.54553 3.59101 3.59948
3.58570 3.54191
4190745.17 | 2.51118 2.58121 2.65029 2.71592 2.76716 2.81084 2.83929

2.85338 2.83546
4190725.17 | 2.11056 2.15887 2.20340 2.23837 2.26138 2.28561 2.30596
2.31924 2.31250
4190705.17 | 1.81592 1.85087 1.88238 1.90390 1.91115 1.91895 1.92590
1.92725 1.92364
4190685.17 | 1.58895 1.61500 1.63783 1.65135 1.65077 1.64817 1.64075
1.63571 1.63334
4190665.17 | 1.40834 1.42758 1.44344 1.45048 1.44553 1.43745 1.42510
1.41696 1.41431
4190645.17 | 1.26042 1.27370 1.28358 1.28549 1.27831 1.26965 1.25802
1.24987 1.24597

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: UNIVERSI
***

INCLUDING SOURCE(S): L0000458 , L0000459 , L0000460 , L0000461 ,
L0000462 ,
L0000463 , L0000464 , L0000465 , L0000466 , L0000467 , L0000468 , L0000469 ,
L0000470 ,
L0000471 , L0000472 , L0000473 , L0000474 , L0000475 , L0000476 , L0000477 ,
L0000478 ,
L0000479 , L0000480 , L0000481 , L0000482 , L0000483 , L0000484 , L0000485 ,
. . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)								
	560277.30	560297.30	560317.30	560337.30	560357.30	560377.30	560397.30	560417.30	560437.30
4191625.17	0.34266	0.34823	0.35366	0.35936	0.36558	0.37102	0.37682	0.38282	0.38889
4191605.17	0.35815	0.36433	0.37038	0.37664	0.38357	0.39003	0.39638	0.40315	0.41004
4191585.17	0.37457	0.38140	0.38813	0.39485	0.40169	0.40984	0.41732	0.42493	0.43273
4191565.17	0.39203	0.39956	0.40703	0.41453	0.42218	0.43052	0.43913	0.44763	0.45637
4191545.17	0.41063	0.41895	0.42724	0.43560	0.44415	0.45297	0.46209	0.47153	0.48125
4191525.17	0.43049	0.43970	0.44890	0.45823	0.46778	0.47762	0.48780	0.49829	0.50908
4191505.17	0.45256	0.46208	0.47217	0.48259	0.49327	0.50427	0.51561	0.52727	0.53920
4191485.17	0.47569	0.48609	0.49720	0.50886	0.52082	0.53313	0.54579	0.55874	0.57192
4191465.17	0.50009	0.51171	0.52415	0.53723	0.55065	0.56444	0.57860	0.59300	0.60760
4191445.17	0.52671	0.53948	0.55325	0.56794	0.58301	0.59848	0.61432	0.63039	0.64661
4191425.17	0.55486	0.57000	0.58520	0.60126	0.61821	0.63557	0.65329	0.67126	0.68940
4191405.17	0.58528	0.60303	0.62031	0.63779	0.65688	0.67637	0.69593	0.71610	0.73653
4191385.17	0.61821	0.63821	0.65883	0.67994	0.70154	0.72331	0.74488	0.76774	0.79013
4191365.17	0.65408	0.67623	0.69928	0.72306	0.74736	0.77247	0.79783	0.82380	0.84987
4191345.17	0.69315	0.71793	0.74382	0.77063	0.79805	0.82593	0.85443		

0.88397 0.91570
4191325.17 | 0.73590 0.76356 0.79258 0.82272 0.85367 0.88529 0.91782
0.95180 0.98853
4191305.17 | 0.78296 0.81377 0.84618 0.87995 0.91485 0.95085 0.98827
1.02773 1.07076
4191285.17 | 0.83521 0.86942 0.90547 0.94317 0.98246 1.02356 1.06690
1.11311 1.16394
4191265.17 | 0.89378 0.93167 0.97161 1.01357 1.05781 1.10482 1.15520
1.20960 1.26908
4191245.17 | 0.96009 1.00196 1.04613 1.09283 1.14271 1.19657 1.25519
1.31936 1.38985
4191225.17 | 1.03573 1.08205 1.13095 1.18311 1.23954 1.30134 1.36951
1.44510 1.52938
4191205.17 | 1.12252 1.17391 1.22837 1.28702 1.35123 1.42230 1.50151
1.59039 1.69105
4191185.17 | 1.22244 1.27984 1.34105 1.40763 1.48120 1.56324 1.65541
1.75990 1.87990
4191165.17 | 1.33786 1.40257 1.47215 1.54849 1.63340 1.72865 1.83641
1.95961 2.10249
4191145.17 | 1.47170 1.54554 1.62560 1.71393 1.81260 1.92393 2.05074
2.19670 2.36709
4191125.17 | 1.62781 1.71326 1.80644 1.90950 2.02493 2.15574 2.30553
2.47893 2.68296
4191105.17 | 1.81160 1.91202 2.02174 2.14309 2.27894 2.43290 2.60949
2.81527 3.06050
4191085.17 | 2.03225 2.15246 2.28372 2.42844 2.58957 2.77118 2.97941
3.22413 3.52050
4191065.17 | 2.30736 2.45511 2.61629 2.79282 2.98756 3.20574 3.45615
3.75317 4.11924
4191045.17 | 2.66875 2.85651 3.06086 3.28336 3.52764 3.80096 4.11530
4.49031 4.95941
4191025.17 | 3.16663 3.41292 3.68042 3.97216 4.29416 4.65659 5.07808
5.57867 6.20805
4191005.17 | 3.87914 4.21212 4.57688 4.98314 5.43977 5.95652 6.55568
7.22672 8.12492
4190985.17 | 4.94676 5.39729 5.91857 6.53598 7.25388 8.00863 8.87800
10.07124 11.59790
4190965.17 | 6.52293 7.24561 8.14073 9.22094 10.54943 12.16813 14.14004
16.85294 20.76940
4190945.17 | 9.43507 10.89641 12.78138 15.33048 18.99574 18.57838 16.77263
20.04596 22.78587
4190925.17 | 16.58972 18.06107 17.55561 18.58903 21.83586 24.40590 27.91568
27.49714 24.97137
4190905.17 | 18.71789 20.93443 22.43482 28.20361 28.09810 26.60900 24.64128
20.58666 17.47856
4190885.17 | 29.12825 27.52547 25.77234 21.37496 18.20667 15.81980 13.91737
12.31904 10.94324
4190865.17 | 18.36528 15.91305 14.05182 12.57123 11.34406 10.28641 9.34545
8.50269 7.75537
4190845.17 | 11.09799 10.13772 9.32292 8.60964 7.96507 7.36958 6.82131
6.32543 5.87346

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: UNIVERSI
***

INCLUDING SOURCE(S): L0000458 , L0000459 , L0000460 , L0000461 ,
L0000462 ,
L0000463 , L0000464 , L0000465 , L0000466 , L0000467 , L0000468 , L0000469 ,
L0000470 ,
L0000471 , L0000472 , L0000473 , L0000474 , L0000475 , L0000476 , L0000477 ,
L0000478 ,
L0000479 , L0000480 , L0000481 , L0000482 , L0000483 , L0000484 , L0000485 ,
. . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	560277.30	560297.30	560317.30	560337.30	560357.30	560377.30	560397.30	560417.30	560437.30
4190825.17	7.64021	7.16892	6.74823	6.34836	5.95796	5.58971	5.25086	4.93718	4.64079
4190805.17	5.64060	5.37978	5.13919	4.88440	4.63273	4.39764	4.17822	3.96695	3.76436
4190785.17	4.37243	4.21663	4.05189	3.88412	3.72347	3.57106	3.42108	3.27223	3.12965
4190765.17	3.46707	3.37430	3.27175	3.16831	3.06718	2.96458	2.85813	2.75196	2.65033
4190745.17	2.79852	2.74785	2.69105	2.63192	2.56833	2.49763	2.42235	2.34749	2.27490
4190725.17	2.29586	2.27308	2.24663	2.21472	2.17430	2.12615	2.07469	2.02310	1.97151
4190705.17	1.91796	1.91089	1.90034	1.88263	1.85663	1.82512	1.79154	1.75689	1.72059
4190685.17	1.63303	1.63228	1.62731	1.61581	1.59879	1.57900	1.55794	1.53511	1.50986
4190665.17	1.41494	1.41460	1.41005	1.40101	1.38948	1.37716	1.36397	1.34885	1.33133
4190645.17	1.24424	1.24133	1.23555	1.22771	1.21946	1.21135	1.20255	1.19202	1.17963

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: UNIVERSI
***

INCLUDING SOURCE(S): L0000458 , L0000459 , L0000460 , L0000461 , L0000462 ,
L0000463 , L0000464 , L0000465 , L0000466 , L0000467 , L0000468 , L0000469 , L0000470 ,
L0000471 , L0000472 , L0000473 , L0000474 , L0000475 , L0000476 , L0000477 , L0000478 ,
L0000479 , L0000480 , L0000481 , L0000482 , L0000483 , L0000484 , L0000485 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	560457.30	560477.30	560497.30	560517.30	560537.30	560557.30	560577.30	560597.30	560617.30
4191625.17	0.39473	0.39992	0.40423	0.40775	0.41077	0.41360	0.41642	0.41933	0.42226
4191605.17	0.41677	0.42286	0.42796	0.43222	0.43602	0.43936	0.44275	0.44625	0.44978
4191585.17	0.44044	0.44754	0.45360	0.45870	0.46223	0.46567	0.46974	0.47397	0.47715
4191565.17	0.46511	0.47335	0.48052	0.48623	0.48990	0.49410	0.49903	0.50415	0.50790
4191545.17	0.49106	0.50047	0.50886	0.51582	0.52117	0.52691	0.53298		

0.53930 0.54484
4191525.17 | 0.52004 0.53072 0.54049 0.54903 0.55668 0.56403 0.57156
0.57944 0.58753
4191505.17 | 0.55135 0.56340 0.57470 0.58481 0.59402 0.60297 0.61220
0.62191 0.63190
4191485.17 | 0.58536 0.59888 0.61246 0.62494 0.63597 0.64626 0.65691
0.66878 0.68105
4191465.17 | 0.62247 0.63764 0.65381 0.66936 0.68250 0.69433 0.70637
0.72074 0.73564
4191445.17 | 0.66314 0.68020 0.69781 0.71512 0.73084 0.74602 0.76147
0.77870 0.79663
4191425.17 | 0.70791 0.72716 0.74708 0.76673 0.78668 0.80556 0.82484
0.84542 0.86693
4191405.17 | 0.75742 0.77929 0.80230 0.82600 0.85123 0.87394 0.89684
0.92131 0.94701
4191385.17 | 0.81248 0.83749 0.86413 0.89165 0.91966 0.94808 0.97693
1.00619 1.03700
4191365.17 | 0.87582 0.90479 0.93490 0.96645 0.99893 1.03267 1.06727
1.10254 1.14054
4191345.17 | 0.94750 0.98148 1.01581 1.05169 1.09093 1.12970 1.16972
1.21246 1.26089
4191325.17 | 1.02311 1.06287 1.10486 1.14953 1.19720 1.24465 1.29358
1.34586 1.40492
4191305.17 | 1.11196 1.15800 1.20769 1.26269 1.32104 1.37978 1.44028
1.50492 1.57594
4191285.17 | 1.21655 1.26940 1.32844 1.39481 1.46683 1.54047 1.61620
1.69711 1.78229
4191265.17 | 1.33435 1.39829 1.46963 1.55075 1.64044 1.73395 1.83014
1.93315 2.04189
4191245.17 | 1.46817 1.55094 1.63839 1.73685 1.84975 1.97032 2.09498
2.22925 2.37199
4191225.17 | 1.62396 1.72983 1.84110 1.96111 2.10530 2.26392 2.43022
2.61110 2.80535
4191205.17 | 1.80558 1.93667 2.08204 2.23348 2.42152 2.63580 2.86621
3.12054 3.39749
4191185.17 | 2.01916 2.18060 2.36961 2.56658 2.81882 3.11802 3.45330
3.83126 4.25086
4191165.17 | 2.27095 2.47146 2.71323 2.97999 3.32681 3.76244 4.28155
4.88815 5.58156
4191145.17 | 2.57046 2.81873 3.13142 3.52446 4.00432 4.65890 5.53457
6.62987 7.94776
4191125.17 | 2.92989 3.23874 3.63795 4.17983 4.91779 5.97148 7.57361
10.02591 13.43962
4191105.17 | 3.36260 3.75052 4.27046 5.01329 6.15718 8.01299 11.40999
14.06479 11.17000
4191085.17 | 3.89321 4.38575 5.07212 6.10247 7.85159 11.49108 12.35087
16.04407 17.22893
4191065.17 | 4.59050 5.24050 6.18336 7.68341 10.38463 16.30241 15.42722
16.33041 19.81185
4191045.17 | 5.58499 6.45480 7.78628 10.05296 14.47200 16.45931 17.08132
22.45935 22.52839
4191025.17 | 7.06390 8.29666 10.23654 13.78028 18.09072 15.25889 18.09270
25.69979 17.82537
4191005.17 | 9.36116 11.22529 14.41296 16.03529 16.26831 20.96248 22.59892
18.96001 14.16214
4190985.17 | 13.68659 16.95968 20.78342 17.53180 15.69115 26.15051 19.73562
14.58206 11.49035
4190965.17 | 17.92819 18.73501 20.86275 23.09604 30.08894 19.93505 14.64481
11.51065 9.43458
4190945.17 | 24.53109 24.59413 23.66758 25.98623 18.30986 13.83336 11.02479
9.12722 7.74850
4190925.17 | 25.37133 22.83292 18.11802 14.59981 11.93349 9.92381 8.41901
7.27434 6.36734
4190905.17 | 14.94144 12.83670 11.10487 9.68052 8.48801 7.47292 6.61442
5.89651 5.28557
4190885.17 | 9.75778 8.73554 7.86043 7.10464 6.44297 5.85673 5.33236
4.86437 4.44374
4190865.17 | 7.08855 6.49606 5.97739 5.51775 5.10399 4.72890 4.38738
4.06901 3.77334

                            *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: UNIVERSI
***
                                INCLUDING SOURCE(S):   L0000458   , L0000459   , L0000460   , L0000461   ,
L0000462   ,
                L0000463   , L0000464   , L0000465   , L0000466   , L0000467   , L0000468   , L0000469   ,
L0000470   ,
                L0000471   , L0000472   , L0000473   , L0000474   , L0000475   , L0000476   , L0000477   ,
L0000478   ,
                L0000479   , L0000480   , L0000481   , L0000482   , L0000483   , L0000484   , L0000485   ,
. . .   ,

                                 *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                      ** CONC OF PM_10   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 560457.30   560477.30   560497.30   560517.30   560537.30   560557.30   560577.30
560597.30   560617.30
 -
- - - - - - - -

  4190825.17 | 4.36548   4.11150   3.88114   3.66955   3.47202   3.28639   3.11108
2.94528   2.78787
  4190805.17 | 3.57556   3.40125   3.23890   3.08639   2.94208   2.80433   2.67235
2.54617   2.42566
  4190785.17 | 2.99604   2.87044   2.75138   2.63809   2.52949   2.42431   2.32224
2.22370   2.12905
  4190765.17 | 2.55358   2.46073   2.37136   2.28532   2.20173   2.11962   2.03905
1.96067   1.88500
  4190745.17 | 2.20399   2.13444   2.06656   2.00039   1.93520   1.87031   1.80598
1.74300   1.68194
  4190725.17 | 1.91943   1.86725   1.81559   1.76453   1.71347   1.66201   1.61053
1.55980   1.51039
  4190705.17 | 1.68263   1.64379   1.60473   1.56549   1.52566   1.48502   1.44397
1.40323   1.36328
  4190685.17 | 1.48255   1.45408   1.42498   1.39521   1.36448   1.33271   1.30028
1.26776   1.23553
  4190665.17 | 1.31196   1.29150   1.27027   1.24813   1.22484   1.20039   1.17509
1.14935   1.12344
  4190645.17 | 1.16596   1.15152   1.13640   1.12032   1.10306   1.08459   1.06513
1.04494   1.02421

                            *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: UNIVERSI
***
                                INCLUDING SOURCE(S):   L0000458   , L0000459   , L0000460   , L0000461   ,
L0000462   ,
                L0000463   , L0000464   , L0000465   , L0000466   , L0000467   , L0000468   , L0000469   ,
L0000470   ,
                L0000471   , L0000472   , L0000473   , L0000474   , L0000475   , L0000476   , L0000477   ,
L0000478   ,
                L0000479   , L0000480   , L0000481   , L0000482   , L0000483   , L0000484   , L0000485   ,
. . .   ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	560637.30	560657.30	560677.30	560697.30	560717.30	560737.30	560757.30	560777.30	560797.30
4191625.17	0.42505	0.42752	0.42949	0.43101	0.43173	0.43161	0.43177	0.43222	0.43259
4191605.17	0.45308	0.45617	0.45874	0.46039	0.45946	0.45906	0.45982	0.46103	0.46222
4191585.17	0.47995	0.48365	0.48679	0.48860	0.48832	0.48881	0.49020	0.49372	0.49552
4191565.17	0.51127	0.51581	0.51971	0.52282	0.52636	0.52766	0.52797	0.53052	0.53240
4191545.17	0.55006	0.55579	0.56112	0.56633	0.57013	0.57254	0.57394	0.57449	0.57563
4191525.17	0.59541	0.60270	0.61031	0.61642	0.61978	0.62373	0.62749	0.62578	0.62611
4191505.17	0.64167	0.65073	0.66010	0.66797	0.67411	0.67953	0.68401	0.68775	0.68814
4191485.17	0.69309	0.70433	0.71538	0.72545	0.73443	0.74260	0.74971	0.75613	0.75768
4191465.17	0.75036	0.76424	0.77692	0.78946	0.80266	0.81448	0.82510	0.83186	0.83716
4191445.17	0.81445	0.83147	0.84864	0.86518	0.87947	0.89513	0.90990	0.92060	0.92698
4191425.17	0.88847	0.90927	0.93016	0.95026	0.96761	0.98726	1.00608	1.02047	1.02926
4191405.17	0.97292	0.99819	1.02284	1.04747	1.06979	1.09240	1.11407	1.13495	1.14793
4191385.17	1.06823	1.09897	1.12942	1.16018	1.18810	1.21564	1.24100	1.26465	1.27781
4191365.17	1.17903	1.21653	1.25355	1.29061	1.32558	1.35933	1.39022	1.41920	1.43779
4191345.17	1.30920	1.35515	1.39949	1.44246	1.48778	1.52934	1.56808	1.60750	1.64174
4191325.17	1.46394	1.52063	1.57579	1.62867	1.68334	1.73437	1.78341	1.82792	1.88218
4191305.17	1.64817	1.71896	1.78836	1.85544	1.92242	1.98781	2.05491	2.11273	2.18718
4191285.17	1.86961	1.95896	2.04942	2.13731	2.22234	2.31041	2.40156	2.48666	2.58924
4191265.17	2.15415	2.26964	2.38519	2.49763	2.61171	2.72552	2.84511	2.98086	3.12720
4191245.17	2.52065	2.67356	2.82510	2.97684	3.13934	3.29615	3.46005	3.66309	3.87354
4191225.17	3.00940	3.21818	3.42711	3.64714	3.89148	4.13561	4.36827	4.65951	4.96318
4191205.17	3.69017	3.99015	4.30269	4.64702	5.03195	5.44105	5.84574	6.22626	6.69656
4191185.17	4.69776	5.16973	5.68827	6.26975	6.91256	7.57829	8.26568	8.97595	9.97443
4191165.17	6.34056	7.19306	8.16514	9.26214	10.49844	11.76660	13.14848	15.14066	18.47180
4191145.17	9.49202	11.37723	13.69110	16.49840	16.70117	17.21464	17.98366	21.48189	24.65832
4191125.17	15.03463	19.59881	19.58373	23.67206	21.33347	22.84951	25.56807	24.92638	23.24379
4191105.17	11.60020	16.96776	19.44695	24.47432	22.51053	22.54709	24.37923	22.25798	18.94460
4191085.17	24.84647	22.67686	24.93418	21.12620	18.27571	16.12999	14.43835	12.99888	11.78701
4191065.17	22.53028	17.73011	15.09208	13.34109	12.05411	11.00855	10.11733	9.34174	8.65298

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: UNIVERSI
***
INCLUDING SOURCE(S): L0000458 , L0000459 , L0000460 , L0000461 ,
L0000462 ,
L0000463 , L0000464 , L0000465 , L0000466 , L0000467 , L0000468 , L0000469 ,
L0000470 ,
L0000471 , L0000472 , L0000473 , L0000474 , L0000475 , L0000476 , L0000477 ,
L0000478 ,
L0000479 , L0000480 , L0000481 , L0000482 , L0000483 , L0000484 , L0000485 ,
. . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)						
	560637.30	560657.30	560677.30	560697.30	560717.30	560737.30	560757.30
560777.30	560797.30						
4191045.17	16.63082	13.45294	11.52195	10.22670	9.28439	8.49524	7.81856
7.27835	6.79461						
4191025.17	13.64940	11.17861	9.59094	8.48188	7.65014	7.00374	6.46678
6.02045	5.62681						
4191005.17	11.30268	9.45936	8.18089	7.24761	6.53678	5.97515	5.51616
5.12865	4.79169						
4190985.17	9.49137	8.09821	7.07794	6.30174	5.69257	5.20184	4.79705
4.45522	4.15976						
4190965.17	7.99548	6.94195	6.13928	5.50735	4.99686	4.57610	4.22325
3.92248	3.66201						
4190945.17	6.72677	5.94140	5.32031	4.81624	4.39796	4.04494	3.74307
3.48214	3.25451						
4190925.17	5.65133	5.07394	4.59999	4.20418	3.86774	3.57748	3.32450
3.10257	2.90704						
4190905.17	4.77627	4.34803	3.98469	3.67324	3.40312	3.16612	2.95649
2.77028	2.60455						
4190885.17	4.07573	3.75398	3.47235	3.22473	3.00597	2.81154	2.63779
2.48199	2.34189						
4190865.17	3.50488	3.26197	3.04306	2.84576	2.66807	2.50807	2.36376
2.23317	2.11441						
4190845.17	3.03204	2.84763	2.67759	2.52115	2.37761	2.24643	2.12667
2.01702	1.91604						
4190825.17	2.63816	2.49672	2.36425	2.24067	2.12557	2.01869	1.91959
1.82749	1.74151						
4190805.17	2.31037	2.20043	2.09645	1.99860	1.90648	1.81965	1.73775
1.66039	1.58723						
4190785.17	2.03831	1.95155	1.86906	1.79094	1.71675	1.64591	1.57803
1.51299	1.45084						
4190765.17	1.81233	1.74281	1.67652	1.61338	1.55292	1.49454	1.43792
1.38311	1.33039						
4190745.17	1.62313	1.56673	1.51273	1.46098	1.41104	1.36242	1.31488
1.26859	1.22390						
4190725.17	1.46256	1.41640	1.37190	1.32891	1.28717	1.24634	1.20628
1.16717	1.12930						
4190705.17	1.32429	1.28629	1.24925	1.21316	1.17795	1.14349	1.10971
1.07670	1.04464						
4190685.17	1.20370	1.17227	1.14125	1.11073	1.08086	1.05170	1.02323
0.99543	0.96832						
4190665.17	1.09744	1.07136	1.04529	1.01943	0.99405	0.96936	0.94538
0.92201	0.89911						

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                           *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: UNIVERSI
***
                               INCLUDING SOURCE(S):   L0000458   , L0000459   , L0000460   , L0000461   ,
L0000462   ,
                L0000463   , L0000464   , L0000465   , L0000466   , L0000467   , L0000468   , L0000469   ,
L0000470   ,
                L0000471   , L0000472   , L0000473   , L0000474   , L0000475   , L0000476   , L0000477   ,
L0000478   ,
                L0000479   , L0000480   , L0000481   , L0000482   , L0000483   , L0000484   , L0000485   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 560817.30   560837.30   560857.30   560877.30   560897.30   560917.30   560937.30
560957.30   560977.30
 -
- - - - - - - -

  4191625.17 | 0.43313   0.43425   0.43496   0.43491   0.43408   0.43293   0.43212
0.43188   0.43156
  4191605.17 | 0.46332   0.46432   0.46538   0.46560   0.46450   0.46322   0.46249
0.46263   0.46299
  4191585.17 | 0.49655   0.49727   0.49875   0.50000   0.49876   0.49754   0.49701
0.49750   0.49844
  4191565.17 | 0.53382   0.53621   0.53657   0.53629   0.53499   0.53400   0.53417
0.53687   0.53860
  4191545.17 | 0.57721   0.58042   0.58029   0.57886   0.57767   0.57708   0.57772
0.58057   0.58259
  4191525.17 | 0.62799   0.63133   0.63084   0.62920   0.62825   0.62820   0.62880
0.62990   0.63142
  4191505.17 | 0.68578   0.68961   0.69086   0.69099   0.68766   0.68754   0.68858
0.68973   0.69102
  4191485.17 | 0.75643   0.75918   0.76010   0.75994   0.75878   0.75844   0.75837
0.76172   0.76353
  4191465.17 | 0.84063   0.84224   0.84055   0.83850   0.84387   0.84390   0.84234
0.84835   0.85101
  4191445.17 | 0.93001   0.93393   0.93692   0.93887   0.94329   0.94543   0.94549
0.94443   0.94495
  4191425.17 | 1.03445   1.03965   1.04824   1.05717   1.06003   1.06261   1.06391
1.06139   1.06148
  4191405.17 | 1.15582   1.16276   1.17817   1.19462   1.19729   1.20125   1.20519
1.20716   1.20705
  4191385.17 | 1.28471   1.30237   1.33057   1.35680   1.36962   1.38006   1.38735
1.38931   1.38641
  4191365.17 | 1.45311   1.48042   1.51874   1.55700   1.58213   1.60197   1.61428
1.61755   1.61250
  4191345.17 | 1.67474   1.70370   1.75525   1.81007   1.84832   1.87890   1.89932
1.90842   1.90638
  4191325.17 | 1.93617   1.97817   2.04931   2.12531   2.18059   2.22736   2.26372
2.28864   2.30087
  4191305.17 | 2.26763   2.32603   2.42198   2.52463   2.60272   2.67552   2.74215
2.80076   2.84745
  4191285.17 | 2.69906   2.77839   2.90146   3.04731   3.16103   3.27705   3.39566
3.51531   3.63205
  4191265.17 | 3.27679   3.38370   3.53058   3.71718   3.93595   4.13758   4.34716
4.57442   4.82105

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  4191245.17 |       4.08128      4.23276      4.46707      4.76512      5.11605      5.47282      5.86243
6.30430      6.81693
  4191225.17 |       5.27352      5.53152      5.96711      6.54058      7.10928      7.78961      8.60084
9.56839     10.78144
  4191205.17 |       7.27892      7.99977      8.78473      9.70870     10.97603     12.65737     14.99714
16.21577     15.52521
  4191185.17 |      11.31862     13.14817     15.22756     17.97689     15.85927     18.61165     18.84029
20.10569     22.09000
  4191165.17 |      16.76531     19.84453     20.28557     23.34045     23.84866     19.32125     20.51662
21.30332     27.21951
  4191145.17 |      22.28477     22.77737     24.24885     22.69450     22.78793     23.97148     22.35510
18.89137     16.39898
  4191125.17 |      23.05988     24.38942     22.40582     19.02768     16.46602     14.51454     12.88898
11.48782     10.19076
  4191105.17 |      16.47097     14.55044     13.00068     11.70948     10.62215      9.69393      8.81108
7.95341      7.21237
  4191085.17 |      10.76563      9.92047      9.12453      8.40869      7.75123      7.12852      6.56109
6.03058      5.55004
  4191065.17 |       8.03246      7.47371      6.95018      6.46497      5.99348      5.56819      5.17689
4.82677      4.49249
  4191045.17 |       6.35319      5.94514      5.56465      5.20811      4.87344      4.55959      4.27326
4.01187      3.75857
  4191025.17 |       5.27135      4.94513      4.64253      4.36027      4.09658      3.85800      3.63441
3.41425      3.21635
  4191005.17 |       4.49136      4.21880      3.96857      3.73736      3.52313      3.33246      3.14739
2.96332      2.80389
  4190985.17 |       3.89905      3.66523      3.45318      3.25944      3.08128      2.92146      2.76829
2.61517      2.47884
  4190965.17 |       3.43320      3.22981      3.04725      2.88185      2.73034      2.59122      2.46393
2.33628      2.22004
  4190945.17 |       3.05435      2.87696      2.71838      2.57500      2.44373      2.32250      2.21276
2.10595      2.00537
  4190925.17 |       2.73411      2.58028      2.44224      2.31697      2.20221      2.09671      2.00166
1.90946      1.82240
  4190905.17 |       2.45663      2.32386      2.20368      2.09402      1.99357      1.90158      1.81883
1.73863      1.66272
  4190885.17 |       2.21542      2.10057      1.99566      1.89955      1.81159      1.73114      1.65819
1.58985      1.52307
  4190865.17 |       2.00580      1.90601      1.81419      1.72987      1.65267      1.58193      1.51709
1.45792      1.39990
  4190845.17 |       1.82251      1.73572      1.65539      1.58144      1.51353      1.45098      1.39295
1.33949      1.28970
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

  PAGE 977
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

                           *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: UNIVERSI
***
                               INCLUDING SOURCE(S):     L0000458    , L0000459    , L0000460    , L0000461    ,
L0000462    ,
               L0000463    , L0000464    , L0000465    , L0000466    , L0000467    , L0000468    , L0000469    ,
L0000470    ,
               L0000471    , L0000472    , L0000473    , L0000474    , L0000475    , L0000476    , L0000477    ,
L0000478    ,
               L0000479    , L0000480    , L0000481    , L0000482    , L0000483    , L0000484    , L0000485    ,
. . .       ,

                                *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10    IN MICROGRAMS/M**3                         **

    Y-COORD  |                                            X-COORD (METERS)
    (METERS) |     560817.30    560837.30    560857.30    560877.30    560897.30    560917.30    560937.30
560957.30    560977.30
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- - - - - - - -

  4190825.17 | 1.66101   1.58573   1.51573   1.45096   1.39112   1.33559   1.28377
1.23532   1.19153
  4190805.17 | 1.51815   1.45319   1.39245   1.33583   1.28302   1.23358   1.18719
1.14372   1.10434
  4190785.17 | 1.39177   1.33597   1.28345   1.23402   1.18740   1.14334   1.10176
1.06270   1.02716
  4190765.17 | 1.28005   1.23225   1.18692   1.14380   1.10267   1.06344   1.02619
0.99107   0.95891
  4190745.17 | 1.18107   1.14017   1.10105   1.06346   1.02724   0.99240   0.95912
0.92756   0.89827
  4190725.17 | 1.09287   1.05785   1.02408   0.99132   0.95950   0.92869   0.89908
0.87083   0.84404
  4190705.17 | 1.01363   0.98362   0.95442   0.92590   0.89803   0.87091   0.84471
0.81953   0.79532
  4190685.17 | 0.94191   0.91614   0.89087   0.86604   0.84168   0.81791   0.79485
0.77254   0.75088
  4190665.17 | 0.87661   0.85444   0.83255   0.81093   0.78968   0.76890   0.74868
0.72900   0.70972
  4190645.17 | 0.81690   0.79782   0.77884   0.76002   0.74149   0.72336   0.70568
0.68836   0.67127

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                          *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: UNIVERSI
***
                              INCLUDING SOURCE(S):   L0000458   , L0000459   , L0000460   , L0000461   ,
L0000462   ,
                L0000463   , L0000464   , L0000465   , L0000466   , L0000467   , L0000468   , L0000469   ,
L0000470   ,
                L0000471   , L0000472   , L0000473   , L0000474   , L0000475   , L0000476   , L0000477   ,
L0000478   ,
                L0000479   , L0000480   , L0000481   , L0000482   , L0000483   , L0000484   , L0000485   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 560997.30   561017.30   561037.30   561057.30   561077.30   561097.30   561117.30
561137.30   561157.30
 -
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  4191625.17 | 0.42987   0.42581   0.42065   0.41629   0.41286   0.41020   0.40770
0.40467   0.40108
  4191605.17 | 0.46201   0.45783   0.45239   0.44715   0.44289   0.43965   0.43678
0.43343   0.42939
  4191585.17 | 0.49784   0.49236   0.48797   0.48362   0.47694   0.47286   0.46967
0.46584   0.46095
  4191565.17 | 0.53851   0.53294   0.52809   0.52325   0.51739   0.51216   0.50696
0.50218   0.49576
  4191545.17 | 0.58328   0.57978   0.57461   0.56827   0.56231   0.55590   0.54906
0.54257   0.53384
  4191525.17 | 0.63295   0.63436   0.62868   0.62033   0.61327   0.60528   0.59624
0.58713   0.57545
  4191505.17 | 0.69215   0.69215   0.68821   0.68033   0.66881   0.65956   0.64886
0.63644   0.62150
  4191485.17 | 0.76418   0.76243   0.75796   0.74868   0.73535   0.72244   0.70792
0.69183   0.67351
  4191465.17 | 0.85105   0.84667   0.83891   0.82579   0.81437   0.79628   0.77541
0.75544   0.73347

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  4191445.17 |       0.94621      0.94408      0.93596      0.91834      0.89849      0.87772      0.85438
0.83002      0.80368
  4191425.17 |       1.06134      1.05913      1.05024      1.02888      1.00135      0.97539      0.94884
0.91580      0.88294
  4191405.17 |       1.20406      1.19844      1.18755      1.16319      1.12953      1.09718      1.06272
1.01641      0.97514
  4191385.17 |       1.37958      1.37016      1.35752      1.33120      1.29066      1.24988      1.20776
1.15774      1.10734
  4191365.17 |       1.60219      1.58945      1.57514      1.54786      1.49940      1.44272      1.38422
1.32453      1.26279
  4191345.17 |       1.89580      1.88088      1.86474      1.83750      1.78034      1.69728      1.61148
1.53402      1.45485
  4191325.17 |       2.29924      2.28649      2.26923      2.23917      2.15191      2.05270      1.94593
1.83798      1.72939
  4191305.17 |       2.87636      2.88270      2.85933      2.81819      2.71887      2.57241      2.41401
2.25433      2.11149
  4191285.17 |       3.73648      3.81244      3.79714      3.73796      3.65983      3.41266      3.12038
2.85939      2.64940
  4191265.17 |       5.08590      5.35403      5.49791      5.51356      5.45404      5.00532      4.39653
3.81288      3.33344
  4191245.17 |       7.43112      8.18096      8.92016      9.64069     10.08871      8.83035      6.99679
5.56947      4.47323
  4191225.17 |      12.45721     14.99232     14.92901     12.90953     12.89434     13.44643     11.81506
8.14532      5.95476
  4191205.17 |      17.43983     17.60132     19.35380     17.73221     15.68952     19.44114     15.42510
9.56055      6.71629
  4191185.17 |      22.80541     24.86463     25.50523     21.73792     19.41666     14.89832     12.29986
8.51448      6.26985
  4191165.17 |      23.78492     20.12148     18.65060     15.05659     12.11918      9.93509      8.17905
6.65265      5.35844
  4191145.17 |      14.06293     12.27967     10.62498      9.18619      7.90313      6.81542      5.89204
5.14272      4.45614
  4191125.17 |       9.01863      8.17959      7.29466      6.50096      5.80371      5.17175      4.60799
4.13645      3.71841
  4191105.17 |       6.57369      6.03307      5.50304      4.97174      4.54384      4.14483      3.77358
3.44356      3.15192
  4191085.17 |       5.12170      4.75094      4.38822      4.01734      3.71668      3.43293      3.16573
2.92372      2.70761
  4191065.17 |       4.18245      3.90081      3.63772      3.37735      3.13171      2.91604      2.71881
2.53264      2.36501
  4191045.17 |       3.52144      3.30222      3.09842      2.91046      2.69959      2.52835      2.37954
2.23073      2.09579
  4191025.17 |       3.03218      2.84844      2.69372      2.54624      2.40051      2.24992      2.10476
1.99084      1.88035
  4191005.17 |       2.65645      2.50315      2.37932      2.26095      2.14168      2.01853      1.89504
1.79805      1.70451
  4190985.17 |       2.35488      2.23871      2.12954      2.02590      1.92606      1.82460      1.72694
1.63949      1.55810
  4190965.17 |       2.11525      2.01683      1.92088      1.82833      1.74356      1.66357      1.58616
1.51035      1.43705
  4190945.17 |       1.91547      1.82790      1.74434      1.66546      1.59533      1.52776      1.46125
1.39528      1.33114
  4190925.17 |       1.74353      1.66364      1.59315      1.52935      1.47025      1.40954      1.34960
1.29195      1.23715
  4190905.17 |       1.59392      1.52423      1.46526      1.41127      1.35899      1.30395      1.24947
1.19887      1.15056
  4190885.17 |       1.46123      1.40241      1.35169      1.30441      1.25607      1.20669      1.15831
1.11375      1.07105
  4190865.17 |       1.34396      1.29448      1.24978      1.20575      1.16167      1.11809      1.07493
1.03588      0.99799
  4190845.17 |       1.23971      1.19749      1.15578      1.11548      1.07614      1.03805      1.00131
0.96651      0.93258
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

  PAGE 979
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*
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Y-COORD (METERS)	X-COORD (METERS)								
	560997.30	561017.30	561037.30	561057.30	561077.30	561097.30	561117.30	561137.30	561157.30
4190825.17	1.14663	1.10905	1.07137	1.03458	0.99921	0.96519	0.93238	0.90033	0.86985
4190805.17	1.06402	1.02996	0.99559	0.96151	0.92953	0.89881	0.86927	0.84079	0.81339
4190785.17	0.99075	0.95978	0.92845	0.89738	0.86822	0.84022	0.81331	0.78738	0.76244
4190765.17	0.92689	0.89773	0.86896	0.84050	0.81376	0.78809	0.76341	0.73965	0.71677
4190745.17	0.87000	0.84273	0.81631	0.79010	0.76549	0.74183	0.71908	0.69716	0.67605
4190725.17	0.81861	0.79319	0.76922	0.74587	0.72271	0.70073	0.67968	0.65936	0.63978
4190705.17	0.77222	0.74876	0.72672	0.70565	0.68439	0.66396	0.64445	0.62559	0.60737
4190685.17	0.73002	0.70860	0.68844	0.66911	0.64964	0.63070	0.61263	0.59512	0.57816
4190665.17	0.69099	0.67153	0.65317	0.63541	0.61751	0.60059	0.58352	0.56730	0.55153
4190645.17	0.65446	0.63733	0.62055	0.60408	0.58670	0.57199	0.55656	0.54157	0.52695

Y-COORD (METERS)	X-COORD (METERS)								
	561177.30	561197.30	561217.30	561237.30	561257.30	561277.30	561297.30	561317.30	561337.30

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4191625.17	0.39705	0.39274	0.38819	0.38316	0.37723	0.37026	0.36246	0.35441	0.34567
4191605.17	0.42465	0.41931	0.41339	0.40668	0.39893	0.39025	0.38113	0.37225	0.36296
4191585.17	0.45492	0.44796	0.44019	0.43150	0.42185	0.41161	0.40142	0.39193	0.38209
4191565.17	0.48778	0.47868	0.46876	0.45800	0.44656	0.43495	0.42389	0.41379	0.40314
4191545.17	0.52333	0.51182	0.49967	0.48689	0.47375	0.46089	0.44895	0.43800	0.42607
4191525.17	0.56214	0.54818	0.53380	0.51896	0.50408	0.48993	0.47689	0.46464	0.45089
4191505.17	0.60534	0.58888	0.57207	0.55493	0.53817	0.52252	0.50799	0.49391	0.47781
4191485.17	0.65440	0.63510	0.61639	0.59699	0.57719	0.55929	0.54276	0.52504	0.50730
4191465.17	0.71094	0.68805	0.66694	0.64589	0.62188	0.60069	0.58104	0.55864	0.53991
4191445.17	0.77672	0.74925	0.72045	0.69263	0.66777	0.64349	0.61920	0.60039	0.57762
4191425.17	0.85047	0.81496	0.78182	0.75226	0.72312	0.69326	0.66531	0.64451	0.61734
4191405.17	0.93478	0.88910	0.85634	0.82650	0.78933	0.75448	0.72173	0.69233	0.66052
4191385.17	1.05849	1.00947	0.95974	0.91341	0.88092	0.83985	0.79782	0.75848	0.72122
4191365.17	1.20233	1.14588	1.08674	1.02928	0.98394	0.93220	0.88076	0.83467	0.79434
4191345.17	1.37882	1.30676	1.24340	1.17699	1.10487	1.03854	0.98000	0.92911	0.88455
4191325.17	1.62518	1.52308	1.43175	1.34214	1.25281	1.17497	1.10743	1.04780	0.99388
4191305.17	1.96780	1.81379	1.67326	1.55067	1.44409	1.34949	1.26395	1.18624	1.11461
4191285.17	2.44147	2.21034	1.99644	1.81810	1.68133	1.55474	1.43637	1.32968	1.23330
4191265.17	2.94290	2.62972	2.38326	2.16033	1.92493	1.74964	1.60088	1.45372	1.33468
4191245.17	3.69529	3.17869	2.80835	2.48414	2.14542	1.91118	1.72342	1.55345	1.41874
4191225.17	4.59122	3.72719	3.15979	2.71372	2.30579	2.01259	1.79086	1.62051	1.47994
4191205.17	5.08877	4.04146	3.32601	2.80186	2.40142	2.08041	1.82159	1.64927	1.51180
4191185.17	4.86443	3.91675	3.24209	2.74473	2.36355	2.05400	1.81245	1.63678	1.50638
4191165.17	4.35608	3.60682	3.04487	2.60935	2.24432	1.97402	1.76629	1.59205	1.46572
4191145.17	3.82829	3.29279	2.83683	2.45760	2.13414	1.90268	1.71507	1.54460	1.41634
4191125.17	3.32641	2.95760	2.61160	2.30695	2.04469	1.83483	1.65815	1.49922	1.37044
4191105.17	2.88526	2.62900	2.37733	2.14377	1.94202	1.75866	1.59591	1.45367	1.32979
4191085.17	2.51211	2.32968	2.15084	1.97564	1.81281	1.66109	1.52273	1.39985	1.28638
4191065.17	2.21245	2.07254	1.93995	1.80948	1.68109	1.55775	1.44234	1.33780	1.23839
4191045.17	1.97236	1.85886	1.75375	1.65289	1.55303	1.45430	1.35961	1.27089	1.18606
4191025.17	1.77789	1.68292	1.59526	1.51331	1.43390	1.35652	1.27954	1.20363	1.13070
4191005.17	1.61772	1.53693	1.46332	1.39475	1.32870	1.26546	1.20202	1.13811	1.07569
4190985.17	1.48339	1.41388	1.35196	1.29337	1.23622	1.18177	1.12836	1.07513	1.02225
4190965.17	1.36949	1.31225	1.25600	1.20291	1.15256	1.10535	1.05999		

								1.01528	0.97064
4190945.17	1.27229	1.22114	1.17193	1.12429	1.07875	1.03655	0.99698	0.95868	0.92077
4190925.17	1.18603	1.13868	1.09547	1.05365	1.01224	0.97404	0.93881	0.90526	0.87259
4190905.17	1.10520	1.06308	1.02287	0.98459	0.94990	0.91637	0.88464	0.85474	0.82607
4190885.17	1.03073	0.99317	0.95775	0.92413	0.89253	0.86237	0.83369	0.80675	0.78120
4190865.17	0.96204	0.92842	0.89808	0.86886	0.83923	0.81140	0.78520	0.76106	0.73805
4190845.17	0.90029	0.86996	0.84143	0.81380	0.78797	0.76135	0.73687	0.71822	0.69746

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: UNIVERSI ***

INCLUDING SOURCE(S): L0000458 , L0000459 , L0000460 , L0000461 , L0000462 ,
L0000463 , L0000464 , L0000465 , L0000466 , L0000467 , L0000468 , L0000469 , L0000470 ,
L0000471 , L0000472 , L0000473 , L0000474 , L0000475 , L0000476 , L0000477 , L0000478 ,
L0000479 , L0000480 , L0000481 , L0000482 , L0000483 , L0000484 , L0000485 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 561177.30	561197.30	561217.30	561237.30	561257.30	561277.30	561297.30	561317.30	561337.30
4190825.17	0.84091	0.81361	0.78849	0.76403	0.74039	0.71654	0.69416	0.67584	0.65751
4190805.17	0.78720	0.76242	0.73923	0.71777	0.69639	0.67590	0.65636	0.63508	0.61877
4190785.17	0.73857	0.71594	0.69470	0.67509	0.65561	0.63705	0.61973	0.60315	0.58533
4190765.17	0.69486	0.67404	0.65447	0.63633	0.61891	0.60189	0.58595	0.57148	0.55525
4190745.17	0.65580	0.63653	0.61835	0.60144	0.58573	0.57022	0.55508	0.54173	0.52777
4190725.17	0.62097	0.60302	0.58605	0.57016	0.55544	0.54145	0.52686	0.51262	0.49940
4190705.17	0.58983	0.57306	0.55715	0.54221	0.52826	0.51539	0.50244	0.48862	0.47567
4190685.17	0.56180	0.54610	0.53116	0.51706	0.50388	0.49156	0.48002	0.46829	0.45569
4190665.17	0.53628	0.52160	0.50756	0.49427	0.48179	0.47013	0.45923	0.44874	0.43774
4190645.17	0.51277	0.49906	0.48590	0.47337	0.46157	0.45052	0.44018	0.43039	0.42057

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

Y-COORD (METERS)	X-COORD (METERS)		
	561357.30	561377.30	561397.30
4191625.17	0.33763	0.33130	0.32527
4191605.17	0.35448	0.34763	0.34078
4191585.17	0.37292	0.36515	0.35709
4191565.17	0.39283	0.38370	0.37407
4191545.17	0.41411	0.40323	0.39175
4191525.17	0.43682	0.42387	0.41030
4191505.17	0.46125	0.44592	0.43006
4191485.17	0.48898	0.47016	0.45152
4191465.17	0.52073	0.49684	0.47550
4191445.17	0.55348	0.52651	0.50332
4191425.17	0.58877	0.56076	0.53683
4191405.17	0.62991	0.60253	0.57843
4191385.17	0.68829	0.65948	0.63263
4191365.17	0.75914	0.72805	0.69722
4191345.17	0.84474	0.80835	0.77131
4191325.17	0.94406	0.89734	0.84986
4191305.17	1.04813	0.98631	0.92679
4191285.17	1.14622	1.06757	0.99653
4191265.17	1.23209	1.13799	1.05493
4191245.17	1.30332	1.19641	1.10183
4191225.17	1.35781	1.24166	1.13729
4191205.17	1.38961	1.26940	1.16180
4191185.17	1.38809	1.27280	1.16798
4191165.17	1.35536	1.24941	1.15162
4191145.17	1.30865	1.21141	1.11981
4191125.17	1.26373	1.17094	1.08423
4191105.17	1.22358	1.13455	1.05161
4191085.17	1.18571	1.10139	1.02279
4191065.17	1.14759	1.06871	0.99495
4191045.17	1.10668	1.03436	0.96657
4191025.17	1.06164	0.99779	0.93690
4191005.17	1.01588	0.95994	0.90592
4190985.17	0.97066	0.92180	0.87407
4190965.17	0.92643	0.88392	0.84183
4190945.17	0.88306	0.84634	0.80939
4190925.17	0.84033	0.80879	0.77657
4190905.17	0.79798	0.77032	0.74276
4190885.17	0.75653	0.73225	0.70867
4190865.17	0.71609	0.69477	0.67434
4190845.17	0.67704	0.65808	0.64019

Y-COORD (METERS)	X-COORD (METERS) 561357.30	561377.30	561397.30
4190825.17	0.63977	0.62270	0.60684
4190805.17	0.60446	0.58895	0.57476
4190785.17	0.56825	0.55595	0.54384
4190765.17	0.53858	0.52609	0.51509
4190745.17	0.51382	0.49965	0.48896
4190725.17	0.48736	0.47669	0.46615
4190705.17	0.46411	0.45499	0.44503
4190685.17	0.44380	0.43452	0.42563
4190665.17	0.42680	0.41615	0.40737
4190645.17	0.41036	0.40033	0.39149

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
560122.00	4190978.00	2.52602	560142.00	4190978.00	2.81157
560162.00	4190978.00	3.11456	560182.00	4190978.00	3.43798
560202.00	4190978.00	3.79053	560222.00	4190978.00	4.17516
560242.00	4190978.00	4.59277	560262.00	4190978.00	5.05866
560102.00	4190998.00	1.93609	560122.00	4190998.00	2.13440
560142.00	4190998.00	2.34459	560162.00	4190998.00	2.56804
560182.00	4190998.00	2.80267	560202.00	4190998.00	3.05187

560222.00	4190998.00	3.32244	560242.00	4190998.00	3.61885
560262.00	4190998.00	3.94299	560282.00	4190998.00	4.29598
560302.00	4190998.00	4.67033	560322.00	4190998.00	5.09647
560102.00	4191018.00	1.69776	560122.00	4191018.00	1.85039
560142.00	4191018.00	2.01130	560162.00	4191018.00	2.18216
560182.00	4191018.00	2.36136	560202.00	4191018.00	2.54821
560222.00	4191018.00	2.74695	560242.00	4191018.00	2.96244
560262.00	4191018.00	3.19768	560282.00	4191018.00	3.45424
560302.00	4191018.00	3.73312	560322.00	4191018.00	4.03652
560342.00	4191018.00	4.36937	560362.00	4191018.00	4.73998
560382.00	4191018.00	5.16153	560402.00	4191018.00	5.66009
560102.00	4191038.00	1.51666	560122.00	4191038.00	1.63665
560142.00	4191038.00	1.76416	560162.00	4191038.00	1.89891
560182.00	4191038.00	2.04068	560202.00	4191038.00	2.18767
560222.00	4191038.00	2.34105	560242.00	4191038.00	2.50473
560262.00	4191038.00	2.68202	560282.00	4191038.00	2.87515
560302.00	4191038.00	3.08551	560322.00	4191038.00	3.31414
560342.00	4191038.00	3.56329	560362.00	4191038.00	3.83800
560382.00	4191038.00	4.14749	560402.00	4191038.00	4.50815
560422.00	4191038.00	4.94456	560442.00	4191038.00	5.49785
560462.00	4191038.00	6.24738	560082.00	4191058.00	1.28022
560102.00	4191058.00	1.37140	560122.00	4191058.00	1.46981
560142.00	4191058.00	1.57389	560162.00	4191058.00	1.68329
560182.00	4191058.00	1.79853	560202.00	4191058.00	1.91841
560222.00	4191058.00	2.04222	560242.00	4191058.00	2.17203
560262.00	4191058.00	2.31092	560282.00	4191058.00	2.46128
560302.00	4191058.00	2.62493	560322.00	4191058.00	2.80340
560342.00	4191058.00	2.99855	560362.00	4191058.00	3.21391
560382.00	4191058.00	3.45623	560402.00	4191058.00	3.73661
560422.00	4191058.00	4.07319	560442.00	4191058.00	4.49476
560462.00	4191058.00	5.05398	560082.00	4191078.00	1.17559
560102.00	4191078.00	1.25193	560122.00	4191078.00	1.33416
560142.00	4191078.00	1.42111	560162.00	4191078.00	1.51213

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: UNIVERSI
***
INCLUDING SOURCE(S):   L0000458   , L0000459   , L0000460   , L0000461   ,
L0000462   ,
L0000463   , L0000464   , L0000465   , L0000466   , L0000467   , L0000468   , L0000469   ,
L0000470   ,
L0000471   , L0000472   , L0000473   , L0000474   , L0000475   , L0000476   , L0000477   ,
L0000478   ,
L0000479   , L0000480   , L0000481   , L0000482   , L0000483   , L0000484   , L0000485   ,
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10   IN MICROGRAMS/M**3   **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
560182.00	4191078.00	1.60783	560202.00	4191078.00	1.70796
560222.00	4191078.00	1.81139	560242.00	4191078.00	1.91846
560262.00	4191078.00	2.03140	560282.00	4191078.00	2.15266
560302.00	4191078.00	2.28423	560322.00	4191078.00	2.42812
560342.00	4191078.00	2.58672	560362.00	4191078.00	2.76320
560382.00	4191078.00	2.96241	560402.00	4191078.00	3.19218
560422.00	4191078.00	3.46514	560442.00	4191078.00	3.80059
560462.00	4191078.00	4.23072	560482.00	4191078.00	4.81304
560502.00	4191078.00	5.65035	560082.00	4191098.00	1.08482
560102.00	4191098.00	1.14969	560122.00	4191098.00	1.21948
560142.00	4191098.00	1.29331	560162.00	4191098.00	1.37039
560182.00	4191098.00	1.45112	560202.00	4191098.00	1.53587
560222.00	4191098.00	1.62395	560242.00	4191098.00	1.71477
560262.00	4191098.00	1.80942	560282.00	4191098.00	1.91012
560302.00	4191098.00	2.01910	560322.00	4191098.00	2.13849
560342.00	4191098.00	2.27079	560362.00	4191098.00	2.41914
560382.00	4191098.00	2.58749	560402.00	4191098.00	2.78131
560422.00	4191098.00	3.00902	560442.00	4191098.00	3.28381
560462.00	4191098.00	3.62817	560482.00	4191098.00	4.07943
560502.00	4191098.00	4.70057	560522.00	4191098.00	5.62509
560062.00	4191118.00	0.94961	560082.00	4191118.00	1.00415
560102.00	4191118.00	1.05984	560122.00	4191118.00	1.11967
560142.00	4191118.00	1.18302	560162.00	4191118.00	1.24908

560182.00	4191118.00	1.31794	560202.00	4191118.00	1.39024
560222.00	4191118.00	1.46587	560242.00	4191118.00	1.54416
560262.00	4191118.00	1.62526	560282.00	4191118.00	1.71076
560302.00	4191118.00	1.80289	560322.00	4191118.00	1.90381
560342.00	4191118.00	2.01579	560362.00	4191118.00	2.14161
560382.00	4191118.00	2.28468	560402.00	4191118.00	2.44908
560422.00	4191118.00	2.64049	560442.00	4191118.00	2.86795
560462.00	4191118.00	3.14725	560482.00	4191118.00	3.50265
560502.00	4191118.00	3.97279	560522.00	4191118.00	4.63472
560062.00	4191138.00	0.88438	560082.00	4191138.00	0.93167
560102.00	4191138.00	0.97984	560122.00	4191138.00	1.03151
560142.00	4191138.00	1.08625	560162.00	4191138.00	1.14334
560182.00	4191138.00	1.20261	560202.00	4191138.00	1.26471
560222.00	4191138.00	1.32999	560242.00	4191138.00	1.39808
560262.00	4191138.00	1.46869	560282.00	4191138.00	1.54263
560302.00	4191138.00	1.62170	560322.00	4191138.00	1.70802
560342.00	4191138.00	1.80366	560362.00	4191138.00	1.91091

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: UNIVERSI
***

INCLUDING SOURCE(S): L0000458 , L0000459 , L0000460 , L0000461 ,
L0000462 ,
L0000463 , L0000464 , L0000465 , L0000466 , L0000467 , L0000468 , L0000469 ,
L0000470 ,
L0000471 , L0000472 , L0000473 , L0000474 , L0000475 , L0000476 , L0000477 ,
L0000478 ,
L0000479 , L0000480 , L0000481 , L0000482 , L0000483 , L0000484 , L0000485 ,
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
560382.00	4191138.00	2.03243	560402.00	4191138.00	2.17148
560422.00	4191138.00	2.33231	560442.00	4191138.00	2.52141
560462.00	4191138.00	2.74964	560482.00	4191138.00	3.03227
560502.00	4191138.00	3.39245	560062.00	4191158.00	0.82520

560082.00	4191158.00	0.86646	560102.00	4191158.00	0.90837
560122.00	4191158.00	0.95327	560142.00	4191158.00	1.00086
560162.00	4191158.00	1.05055	560182.00	4191158.00	1.10203
560202.00	4191158.00	1.15581	560222.00	4191158.00	1.21248
560242.00	4191158.00	1.27206	560262.00	4191158.00	1.33421
560282.00	4191158.00	1.39909	560302.00	4191158.00	1.46791
560322.00	4191158.00	1.54252	560342.00	4191158.00	1.62487
560362.00	4191158.00	1.71683	560382.00	4191158.00	1.82042
560402.00	4191158.00	1.93817	560422.00	4191158.00	2.07354
560442.00	4191158.00	2.23158	560462.00	4191158.00	2.41953
560482.00	4191158.00	2.64587	560502.00	4191158.00	2.92319
560062.00	4191178.00	0.77226	560082.00	4191178.00	0.80782
560102.00	4191178.00	0.84455	560122.00	4191178.00	0.88381
560142.00	4191178.00	0.92545	560162.00	4191178.00	0.96902
560182.00	4191178.00	1.01415	560202.00	4191178.00	1.06117
560222.00	4191178.00	1.11071	560242.00	4191178.00	1.16308
560322.00	4191178.00	1.40157	560342.00	4191178.00	1.47305
560362.00	4191178.00	1.55243	560382.00	4191178.00	1.64130
560402.00	4191178.00	1.74160	560422.00	4191178.00	1.85601
560442.00	4191178.00	1.98839	560462.00	4191178.00	2.14321
560482.00	4191178.00	2.32427	560502.00	4191178.00	2.53391
560062.00	4191198.00	0.72380	560082.00	4191198.00	0.75505
560102.00	4191198.00	0.78761	560122.00	4191198.00	0.82218
560142.00	4191198.00	0.85887	560162.00	4191198.00	0.89736
560182.00	4191198.00	0.93729	560202.00	4191198.00	0.97878
560222.00	4191198.00	1.02242	560362.00	4191198.00	1.41239
560382.00	4191198.00	1.48911	560402.00	4191198.00	1.57502
560422.00	4191198.00	1.67201	560442.00	4191198.00	1.78272
560462.00	4191198.00	1.90966	560482.00	4191198.00	2.05448
560042.00	4191218.00	0.65271	560062.00	4191218.00	0.68017
560082.00	4191218.00	0.70793	560102.00	4191218.00	0.73682
560122.00	4191218.00	0.76747	560142.00	4191218.00	0.80005
560162.00	4191218.00	0.83431	560182.00	4191218.00	0.86993
560202.00	4191218.00	0.90687	560222.00	4191218.00	0.94562
560342.00	4191218.00	1.23205	560362.00	4191218.00	1.29240

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: UNIVERSI
***
INCLUDING SOURCE(S): L0000458 , L0000459 , L0000460 , L0000461 ,
L0000462 ,
L0000463 , L0000464 , L0000465 , L0000466 , L0000467 , L0000468 , L0000469 ,
L0000470 ,
L0000471 , L0000472 , L0000473 , L0000474 , L0000475 , L0000476 , L0000477 ,
L0000478 ,
L0000479 , L0000480 , L0000481 , L0000482 , L0000483 , L0000484 , L0000485 ,
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
560382.00	4191218.00	1.35890	560402.00	4191218.00	1.43264
560422.00	4191218.00	1.51491	560442.00	4191218.00	1.60724
560462.00	4191218.00	1.71209	560482.00	4191218.00	1.82903
560082.00	4191238.00	0.66568	560102.00	4191238.00	0.69150
560122.00	4191238.00	0.71889	560142.00	4191238.00	0.74802
560162.00	4191238.00	0.77873	560182.00	4191238.00	0.81073
560202.00	4191238.00	0.84391	560222.00	4191238.00	0.87860
560342.00	4191238.00	1.13570	560362.00	4191238.00	1.18877
560382.00	4191238.00	1.24651	560402.00	4191238.00	1.30977
560422.00	4191238.00	1.37943	560442.00	4191238.00	1.45635
560462.00	4191238.00	1.54291	560182.00	4191258.00	0.75851
560202.00	4191258.00	0.78851	560322.00	4191258.00	1.00731
560342.00	4191258.00	1.05147	560362.00	4191258.00	1.09833
560382.00	4191258.00	1.14852	560402.00	4191258.00	1.20271
560422.00	4191258.00	1.26160	560442.00	4191258.00	1.32592
560462.00	4191258.00	1.39740	560322.00	4191278.00	0.93738
560342.00	4191278.00	0.97697	560362.00	4191278.00	1.01843
560382.00	4191278.00	1.06211	560402.00	4191278.00	1.10854
560422.00	4191278.00	1.15837	560442.00	4191278.00	1.21347
559982.00	4191298.00	0.47063	560002.00	4191298.00	0.48903
560022.00	4191298.00	0.50783	560042.00	4191298.00	0.52629

560062.00	4191298.00	0.54449	560302.00	4191298.00	0.84081
560322.00	4191298.00	0.87487	560342.00	4191298.00	0.91032
560362.00	4191298.00	0.94703	560382.00	4191298.00	0.98512
560402.00	4191298.00	1.02502	560422.00	4191298.00	1.06739
560442.00	4191298.00	1.11366	559962.00	4191318.00	0.43444
559982.00	4191318.00	0.45033	560002.00	4191318.00	0.46743
560022.00	4191318.00	0.48463	560042.00	4191318.00	0.50147
560062.00	4191318.00	0.51809	560082.00	4191318.00	0.53490
560102.00	4191318.00	0.55241	560122.00	4191318.00	0.57097
560142.00	4191318.00	0.59071	560162.00	4191318.00	0.61164
560302.00	4191318.00	0.78797	560322.00	4191318.00	0.81849
560342.00	4191318.00	0.85013	560362.00	4191318.00	0.88263
560382.00	4191318.00	0.91596	560402.00	4191318.00	0.95046
560422.00	4191318.00	0.98675	559962.00	4191338.00	0.41681
559982.00	4191338.00	0.43169	560002.00	4191338.00	0.44749
560022.00	4191338.00	0.46324	560042.00	4191338.00	0.47866
560062.00	4191338.00	0.49390	560082.00	4191338.00	0.50933
560102.00	4191338.00	0.52541	560122.00	4191338.00	0.54244
560142.00	4191338.00	0.56055	560162.00	4191338.00	0.57976
560182.00	4191338.00	0.59999	560202.00	4191338.00	0.62108

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: UNIVERSI
***

INCLUDING SOURCE(S): L0000458 , L0000459 , L0000460 , L0000461 ,
L0000462 ,
L0000463 , L0000464 , L0000465 , L0000466 , L0000467 , L0000468 , L0000469 ,
L0000470 ,
L0000471 , L0000472 , L0000473 , L0000474 , L0000475 , L0000476 , L0000477 ,
L0000478 ,
L0000479 , L0000480 , L0000481 , L0000482 , L0000483 , L0000484 , L0000485 ,
. . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
560222.00	4191338.00	0.64291	560242.00	4191338.00	0.66553
560302.00	4191338.00	0.74004	560322.00	4191338.00	0.76728

560342.00	4191338.00	0.79544	560362.00	4191338.00	0.82420
560382.00	4191338.00	0.85349	560402.00	4191338.00	0.88357
560422.00	4191338.00	0.91494	559962.00	4191358.00	0.40041
559982.00	4191358.00	0.41435	560002.00	4191358.00	0.42896
560022.00	4191358.00	0.44344	560042.00	4191358.00	0.45760
560062.00	4191358.00	0.47163	560082.00	4191358.00	0.48585
560102.00	4191358.00	0.50066	560122.00	4191358.00	0.51634
560142.00	4191358.00	0.53302	560162.00	4191358.00	0.55069
560182.00	4191358.00	0.56930	560202.00	4191358.00	0.58870
560222.00	4191358.00	0.60872	560242.00	4191358.00	0.62935
560262.00	4191358.00	0.65073	560282.00	4191358.00	0.67302
560302.00	4191358.00	0.69632	560322.00	4191358.00	0.72057
560342.00	4191358.00	0.74555	560362.00	4191358.00	0.77102
560382.00	4191358.00	0.79728	560402.00	4191358.00	0.82395
559962.00	4191378.00	0.38510	559982.00	4191378.00	0.39815
560002.00	4191378.00	0.41169	560022.00	4191378.00	0.42504
560042.00	4191378.00	0.43810	560062.00	4191378.00	0.45105
560082.00	4191378.00	0.46419	560102.00	4191378.00	0.47787
560122.00	4191378.00	0.49235	560142.00	4191378.00	0.50774
560162.00	4191378.00	0.52402	560182.00	4191378.00	0.54114
560202.00	4191378.00	0.55897	560222.00	4191378.00	0.57732
560242.00	4191378.00	0.59613	560262.00	4191378.00	0.61547
560282.00	4191378.00	0.63551	560302.00	4191378.00	0.65636
560322.00	4191378.00	0.67794	560342.00	4191378.00	0.70011
559982.00	4191398.00	0.38300	560002.00	4191398.00	0.39556
560022.00	4191398.00	0.40790	560042.00	4191398.00	0.41998
560062.00	4191398.00	0.43197	560082.00	4191398.00	0.44416
560102.00	4191398.00	0.45683	560122.00	4191398.00	0.47022
560142.00	4191398.00	0.48443	560162.00	4191398.00	0.49943
560182.00	4191398.00	0.51518	560202.00	4191398.00	0.53154
560222.00	4191398.00	0.54834	560242.00	4191398.00	0.56549
560262.00	4191398.00	0.58300	560282.00	4191398.00	0.60118
559982.00	4191418.00	0.36892	560002.00	4191418.00	0.38061
560022.00	4191418.00	0.39200	560042.00	4191418.00	0.40313

560062.00	4191418.00	0.41427	560082.00	4191418.00	0.42557
560102.00	4191418.00	0.43733	560122.00	4191418.00	0.44972
560142.00	4191418.00	0.46284	560162.00	4191418.00	0.47666
560182.00	4191418.00	0.49113	560202.00	4191418.00	0.50613

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: UNIVERSI
***

INCLUDING SOURCE(S): L0000458 , L0000459 , L0000460 , L0000461 ,
L0000462 ,
L0000463 , L0000464 , L0000465 , L0000466 , L0000467 , L0000468 , L0000469 ,
L0000470 ,
L0000471 , L0000472 , L0000473 , L0000474 , L0000475 , L0000476 , L0000477 ,
L0000478 ,
L0000479 , L0000480 , L0000481 , L0000482 , L0000483 , L0000484 , L0000485 ,
. . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
560222.00	4191418.00	0.52151	560242.00	4191418.00	0.53714
560262.00	4191418.00	0.55301	560002.00	4191438.00	0.36631
560022.00	4191438.00	0.37714	560042.00	4191438.00	0.38746
560062.00	4191438.00	0.39778	560082.00	4191438.00	0.40829
560102.00	4191438.00	0.41920	560122.00	4191438.00	0.43067
560142.00	4191438.00	0.44278	560162.00	4191438.00	0.45550
560182.00	4191438.00	0.46878	560202.00	4191438.00	0.48252
560222.00	4191438.00	0.49659	560242.00	4191438.00	0.51085
560262.00	4191438.00	0.52525	560042.00	4191458.00	0.37270
560062.00	4191458.00	0.38243	560082.00	4191458.00	0.39217
560102.00	4191458.00	0.40228	560122.00	4191458.00	0.41290
560142.00	4191458.00	0.42407	560162.00	4191458.00	0.43577
560182.00	4191458.00	0.44795	560202.00	4191458.00	0.46053
560222.00	4191458.00	0.47338	560242.00	4191458.00	0.48637
560262.00	4191458.00	0.49963	560142.00	4191478.00	0.40668
560162.00	4191478.00	0.41744	560182.00	4191478.00	0.42861
560202.00	4191478.00	0.44006	560222.00	4191478.00	0.45169
560242.00	4191478.00	0.46351	560155.00	4190663.00	1.43120

560175.00	4190663.00	1.42669	560115.00	4190683.00	1.59025
560135.00	4190683.00	1.61195	560155.00	4190683.00	1.62706
560175.00	4190683.00	1.62675	560095.00	4190703.00	1.78381
560115.00	4190703.00	1.81911	560135.00	4190703.00	1.84891
560155.00	4190703.00	1.87222	560175.00	4190703.00	1.87886
560095.00	4190723.00	2.06782	560115.00	4190723.00	2.11653
560135.00	4190723.00	2.15816	560155.00	4190723.00	2.19433
560175.00	4190723.00	2.21487	560195.00	4190723.00	2.23691
560095.00	4190743.00	2.45122	560115.00	4190743.00	2.52133
560135.00	4190743.00	2.58440	560155.00	4190743.00	2.64875
560175.00	4190743.00	2.69635	560195.00	4190743.00	2.73955
560075.00	4190763.00	2.85947	560095.00	4190763.00	3.00704
560115.00	4190763.00	3.11527	560135.00	4190763.00	3.22847
560155.00	4190763.00	3.35298	560175.00	4190763.00	3.43497
560195.00	4190763.00	3.48616	560215.00	4190763.00	3.50321
560075.00	4190783.00	3.66437	560095.00	4190783.00	3.91736
560115.00	4190783.00	4.12378	560135.00	4190783.00	4.35890
560155.00	4190783.00	4.55795	560175.00	4190783.00	4.63278
560195.00	4190783.00	4.63502	560215.00	4190783.00	4.58368
560235.00	4190783.00	4.49712	560075.00	4190803.00	5.22007
560095.00	4190803.00	5.84226	560115.00	4190803.00	6.36261
560135.00	4190803.00	6.71288	560155.00	4190803.00	6.81699

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: UNIVERSI
***

INCLUDING SOURCE(S): L0000458 , L0000459 , L0000460 , L0000461 ,
L0000462 ,
L0000463 , L0000464 , L0000465 , L0000466 , L0000467 , L0000468 , L0000469 ,
L0000470 ,
L0000471 , L0000472 , L0000473 , L0000474 , L0000475 , L0000476 , L0000477 ,
L0000478 ,
L0000479 , L0000480 , L0000481 , L0000482 , L0000483 , L0000484 , L0000485 ,
. . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC

- -

560175.00	4190803.00	6.68759	560195.00	4190803.00	6.48243
560215.00	4190803.00	6.24550	560235.00	4190803.00	5.99901
560255.00	4190803.00	5.75284	560275.00	4190803.00	5.50890
560075.00	4190823.00	6.76019	560095.00	4190823.00	9.45981
560115.00	4190823.00	13.45428	560135.00	4190823.00	12.52538
560155.00	4190823.00	11.53036	560175.00	4190823.00	10.63285
560195.00	4190823.00	9.81100	560215.00	4190823.00	9.08787
560235.00	4190823.00	8.46423	560255.00	4190823.00	7.91530
560275.00	4190823.00	7.42513	560295.00	4190823.00	6.98081
560315.00	4190823.00	6.58048	560115.00	4190843.00	13.05397
560135.00	4190843.00	16.51267	560155.00	4190843.00	18.02965
560175.00	4190843.00	20.33766	560195.00	4190843.00	17.21693
560215.00	4190843.00	14.91288	560235.00	4190843.00	13.16314
560255.00	4190843.00	11.80727	560275.00	4190843.00	10.72013
560295.00	4190843.00	9.82069	560315.00	4190843.00	9.05302
560335.00	4190843.00	8.37765	560195.00	4190863.00	18.57026
560215.00	4190863.00	27.73220	560235.00	4190863.00	25.07020
560255.00	4190863.00	20.60118	560275.00	4190863.00	17.50209
560295.00	4190863.00	15.25294	560315.00	4190863.00	13.52942
560335.00	4190863.00	12.14712	560075.00	4190883.00	5.72323
560095.00	4190883.00	8.28672	560115.00	4190883.00	11.71157
560255.00	4190883.00	20.37173	560275.00	4190883.00	24.68693
560295.00	4190883.00	26.44746	560315.00	4190883.00	24.24911
560335.00	4190883.00	20.29418			

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0000587 , L0000588 , L0000589 , L0000590 , L0000591 ,
L0000592 , L0000593 , L0000594 , L0000595 , L0000596 , L0000597 , L0000598 , L0000599 ,
L0000600 , L0000601 , L0000602 , L0000603 , L0000604 , L0000605 , L0000606 , L0000607 ,
L0000608 , L0000609 , L0000610 , L0000611 , L0000612 , L0000613 , L0000614 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)								
	559917.30	559937.30	559957.30	559977.30	559997.30	560017.30	560037.30	560057.30	560077.30
4191625.17	2.31878	2.34738	2.35821	2.35670	2.34021	2.31380	2.28814	2.27220	2.27602
4191605.17	2.37749	2.41191	2.42601	2.42759	2.41468	2.38963	2.36307	2.34640	2.34842
4191585.17	2.43803	2.47920	2.49685	2.50163	2.49123	2.46755	2.44143	2.42556	2.42585
4191565.17	2.50053	2.54956	2.57102	2.57784	2.56494	2.54326	2.52016	2.50634	2.50623
4191545.17	2.56521	2.62147	2.64628	2.65597	2.64389	2.62661	2.60528	2.59028	2.59045
4191525.17	2.63160	2.69520	2.72357	2.73674	2.73112	2.71803	2.69710	2.67840	2.67948
4191505.17	2.70095	2.77687	2.81059	2.82739	2.83022	2.81767	2.79548	2.77650	2.77714
4191485.17	2.77274	2.86308	2.90340	2.92286	2.93115	2.92246	2.90123	2.88698	2.88897
4191465.17	2.84701	2.95403	3.00266	3.02488	3.03643	3.03300	3.01541	3.00562	3.00571
4191445.17	2.92471	3.05576	3.11638	3.14173	3.15638	3.15938	3.14513	3.12812	3.12793
4191425.17	3.00459	3.15885	3.23499	3.26489	3.28221	3.28795	3.27594	3.26020	3.26039
4191405.17	3.08772	3.26529	3.35938	3.39363	3.41314	3.42296	3.41589	3.40307	3.40421
4191385.17	3.17705	3.37742	3.49159	3.53229	3.55324	3.56756	3.56630	3.55755	3.56045
4191365.17	3.26932	3.49463	3.63335	3.68297	3.70488	3.72305	3.72825	3.72479	3.73038
4191345.17	3.36798	3.61676	3.78502	3.84720	3.86992	3.89108	3.90317	3.90638	3.91572
4191325.17	3.47574	3.74504	3.94737	4.02692	4.05061	4.07364	4.09291	4.10435	4.11887
4191305.17	3.59609	3.88268	4.12113	4.22407	4.24981	4.27327	4.29973	4.32107	4.34258
4191285.17	3.73343	4.02959	4.30769	4.43826	4.47089	4.49315	4.52636	4.55932	4.59007
4191265.17	3.89279	4.18875	4.50791	4.68031	4.71818	4.73720	4.77616	4.82245	4.86513
4191245.17	4.08026	4.36496	4.72233	4.94401	4.99581	5.01010	5.05330	5.11451	5.17216
4191225.17	4.30271	4.56393	4.95366	5.23388	5.30886	5.31739	5.36263	5.44023	5.51645
4191205.17	4.56790	4.79331	5.20500	5.55225	5.65987	5.66135	5.70645	5.80513	5.90418
4191185.17	4.88410	5.06303	5.48134	5.89937	6.05591	6.05342	6.09459	6.21341	6.34220
4191165.17	5.25956	5.38548	5.79013	6.27459	6.50724	6.50992	6.53985	6.67038	6.83779
4191145.17	5.70156	5.77503	6.14715	6.70640	7.02459	7.03951	7.05550	7.20285	7.40855
4191125.17	6.21597	6.24737	6.56493	7.17858	7.61203	7.65836	7.65627	7.81835	8.06764
4191105.17	6.80808	6.81891	7.06696	7.70927	8.27755	8.38656	8.36414	8.53783	8.83603
4191085.17	7.48006	7.50581	7.68329	8.32125	9.03755	9.24999	9.20994	9.39092	9.74300
4191065.17	8.26646	8.32839	8.45238	9.04978	9.91616	10.28505	10.23959	10.42298	10.83341
4191045.17	9.21017	9.31662	9.42286	9.95107	10.95531	11.54396	11.52386		

11.70546   12.17491
  4191025.17 | 10.37904   10.52725   10.65837   11.11015   12.22706   13.10429   13.17157
13.35089   13.86913
  4191005.17 | 11.86978   12.06809   12.25405   12.65147   13.85060   15.08508   15.35001
15.47265   16.07218
  4190985.17 | 13.73897   14.09282   14.37232   14.76157   16.01925   17.68249   18.29730
18.31402   19.03022
  4190965.17 | 15.98247   16.75004   17.27256   17.75112   19.05232   21.24761   22.49303
22.55171   23.26526
  4190945.17 | 18.57479   20.11710   21.27912   22.14810   23.53062   26.37648   28.50163
28.92086   29.73223
  4190925.17 | 21.53622   24.16954   26.67924   28.70504   30.64423   34.39976   37.83982
39.35809   40.27455
  4190905.17 | 23.75137   28.23368   33.37689   38.21792   42.66411   48.80207   55.15997
58.89346   59.48807
  4190885.17 | 26.74986   32.63247   38.57089   50.66499   63.15555   78.83712   94.77228
104.38935   101.98188
  4190865.17 | 29.06088   35.58111   44.30877   61.08358   94.14265   120.04330   149.31373
180.32881   218.59372
  4190845.17 | 32.48218   38.33248   52.04770   73.37470   114.31502   221.10142   285.31719
402.55839   441.99892

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                          *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: ALL
***
                              INCLUDING SOURCE(S):   L0000587   , L0000588   , L0000589   , L0000590   ,
L0000591   ,
               L0000592   , L0000593   , L0000594   , L0000595   , L0000596   , L0000597   , L0000598   ,
L0000599   ,
               L0000600   , L0000601   , L0000602   , L0000603   , L0000604   , L0000605   , L0000606   ,
L0000607   ,
               L0000608   , L0000609   , L0000610   , L0000611   , L0000612   , L0000613   , L0000614   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 559917.30   559937.30   559957.30   559977.30   559997.30   560017.30   560037.30
560057.30   560077.30
 -
- - - - - - - -

  4190825.17 | 35.55811   43.34595   55.38012   83.43097   150.32401   256.05304   351.59134
454.16889   496.74806
  4190805.17 | 38.40455   49.33946   62.83334   88.35416   142.29299   222.65526   369.90125
421.53091   455.68251
  4190785.17 | 43.57182   50.72347   63.88138   83.21170   115.55372   157.97282   203.23685
244.60432   257.22996
  4190765.17 | 44.62085   50.41452   60.38019   73.69662   88.10434   107.75296   110.24843
108.90698   136.47278
  4190745.17 | 42.25452   49.32355   54.97482   63.00876   70.40159   73.87753   77.37750
78.66406   87.67106
  4190725.17 | 40.73087   46.67070   51.01790   52.82602   53.86112   56.58175   61.22120
65.11667   71.38734
  4190705.17 | 38.60315   41.53181   42.94707   43.53397   44.78091   47.64449   53.19257
61.20352   67.10296
  4190685.17 | 35.77539   36.37699   36.97954   37.95043   39.64742   43.21654   49.51494
55.18177   79.62183
  4190665.17 | 31.68066   32.06379   32.70897   34.48999   36.61233   41.48676   47.96534
57.46880   78.64715
  4190645.17 | 28.04050   28.71196   30.28251   32.01379   35.17811   40.01792   47.22252

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                          *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: ALL
***
                              INCLUDING SOURCE(S):   L0000587   , L0000588   , L0000589   , L0000590   ,
L0000591   ,
               L0000592   , L0000593   , L0000594   , L0000595   , L0000596   , L0000597   , L0000598   ,
L0000599   ,
               L0000600   , L0000601   , L0000602   , L0000603   , L0000604   , L0000605   , L0000606   ,
L0000607   ,
               L0000608   , L0000609   , L0000610   , L0000611   , L0000612   , L0000613   , L0000614   ,
. . .   ,

                               *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                    ** CONC OF PM_10   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 560097.30   560117.30   560137.30   560157.30   560177.30   560197.30   560217.30
560237.30   560257.30
 -
- - - - - - - -

  4191625.17 | 2.29587   2.32435   2.35459   2.38388   2.41485   2.45114   2.49135
2.52944   2.56207
  4191605.17 | 2.36762   2.39724   2.42847   2.45870   2.49110   2.52903   2.56977
2.60687   2.63869
  4191585.17 | 2.44354   2.47427   2.50661   2.53808   2.57231   2.61203   2.65305
2.68903   2.72041
  4191565.17 | 2.52326   2.55089   2.58339   2.61631   2.65271   2.69690   2.74133
2.77624   2.80785
  4191545.17 | 2.60886   2.63789   2.66946   2.70204   2.74086   2.78909   2.83461
2.86879   2.90161
  4191525.17 | 2.70114   2.73421   2.76568   2.79686   2.83811   2.88824   2.93378
2.96783   3.00301
  4191505.17 | 2.79904   2.83260   2.87022   2.90967   2.95315   3.00328   3.04545
3.08011   3.11836
  4191485.17 | 2.91115   2.94533   2.98341   3.02379   3.06890   3.11559   3.15493
3.19110   3.23557
  4191465.17 | 3.02798   3.06260   3.09996   3.14051   3.18674   3.23236   3.27116
3.30990   3.36099
  4191445.17 | 3.15039   3.18551   3.22397   3.26631   3.31330   3.35731   3.39511
3.43736   3.49583
  4191425.17 | 3.28286   3.31823   3.35780   3.40202   3.44929   3.49125   3.52852
3.57534   3.64195
  4191405.17 | 3.42672   3.46211   3.50272   3.54850   3.59541   3.63521   3.67319
3.72604   3.80144
  4191385.17 | 3.58320   3.61851   3.66002   3.70688   3.75238   3.79015   3.83071
3.89150   3.97598
  4191365.17 | 3.75356   3.78872   3.83108   3.87824   3.92125   3.95740   4.00260
4.07319   4.16703
  4191345.17 | 3.93955   3.97439   4.01727   4.06375   4.10343   4.13882   4.19080
4.27248   4.37536
  4191325.17 | 4.14368   4.17793   4.22072   4.26510   4.30068   4.33696   4.39797
4.49111   4.60177
  4191305.17 | 4.36911   4.40260   4.44435   4.48496   4.51607   4.55527   4.62723
4.73142   4.84764
  4191285.17 | 4.61940   4.65216   4.69177   4.72698   4.75411   4.79879   4.88272
4.99622   5.11450
  4191265.17 | 4.89870   4.93067   4.96681   4.99546   5.02035   5.07363   5.16964
5.28920   5.40387
  4191245.17 | 5.21187   5.24296   5.27385   5.29536   5.32109   5.38615   5.49332

5.61423   5.71741
  4191225.17 | 5.56474   5.59470   5.61827   5.63290   5.66359   5.74272   5.85836
5.97354   6.05685
  4191205.17 | 5.96411   5.99251   6.00683   6.01622   6.05641   6.14998   6.26827
6.36769   6.42502
  4191185.17 | 6.41801   6.44432   6.44797   6.45549   6.50942   6.61469   6.72538
6.79783   6.82900
  4191165.17 | 6.93627   6.95985   6.95261   6.96320   7.03335   7.14278   7.23112
7.26905   7.28332
  4191145.17 | 7.53140   7.55176   7.53514   7.55441   7.63918   7.73813   7.78857
7.79432   7.81093
  4191125.17 | 8.21930   8.23692   8.21461   8.24700   8.33711   8.40413   8.40792
8.39780   8.44271
  4191105.17 | 9.02070   9.03800   9.01560   9.06071   9.13512   9.14796   9.11237
9.11588   9.21301
  4191085.17 | 9.96466   9.98691   9.97040   10.01644   10.04292   9.99171   9.94418
9.99555   10.15538
  4191065.17 | 11.09667   11.13269   11.12377   11.14074   11.08814   10.98979   10.97337
11.09701   11.31912
  4191045.17 | 12.49077   12.55196   12.53851   12.48099   12.34355   12.24678   12.30532
12.51296   12.79228
  4191025.17 | 14.24662   14.35842   14.30361   14.13464   13.95400   13.92342   14.08888
14.37656   14.66499
  4191005.17 | 16.55409   16.71106   16.55938   16.29029   16.14656   16.23878   16.50869
16.80318   17.02193
  4190985.17 | 19.71985   19.84767   19.56394   19.27360   19.24772   19.46356   19.72638
19.92320   20.05950
  4190965.17 | 23.90344   24.11139   23.80329   23.61017   23.70068   23.87055   23.92821
23.88632   23.98605
  4190945.17 | 30.16541   30.19472   30.07890   30.01264   29.98446   29.89405   29.66610
29.65266   30.13056
  4190925.17 | 40.27318   39.88690   39.42450   38.95015   38.62155   38.59221   39.07737
40.33465   42.64610
  4190905.17 | 58.53459   57.21495   55.74762   54.84647   55.04958   56.81442   58.41304
63.91235   71.76752
  4190885.17 | 95.85377   90.43634   86.64203   87.81380   82.96399   85.97688   98.94627
116.82719   108.37340
  4190865.17 | 176.39537   150.19600   148.32241   147.08284   117.41086   106.25552   99.14098
80.83776   69.47191
  4190845.17 | 301.00188   217.23635   167.87341   135.76581   109.00112   88.49506   73.96049
63.14761   54.94994

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                           *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: ALL
***
                               INCLUDING SOURCE(S):   L0000587   , L0000588   , L0000589   , L0000590   ,
L0000591   ,
               L0000592   , L0000593   , L0000594   , L0000595   , L0000596   , L0000597   , L0000598   ,
L0000599   ,
               L0000600   , L0000601   , L0000602   , L0000603   , L0000604   , L0000605   , L0000606   ,
L0000607   ,
               L0000608   , L0000609   , L0000610   , L0000611   , L0000612   , L0000613   , L0000614   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 560097.30   560117.30   560137.30   560157.30   560177.30   560197.30   560217.30
560237.30   560257.30
 -
- - - - - - - -

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  4190825.17 |     365.52724    230.50877    160.07725    119.68589     94.24039     76.85974     64.61905
55.70888     48.92842
  4190805.17 |     315.21826    210.24360    144.88989    107.89728     84.39392     68.91038     58.20801
50.49647     44.64631
  4190785.17 |     228.16358    159.18679    118.95411     92.80528     74.57404     61.88506     52.86923
46.28721     41.29812
  4190765.17 |     127.90270    110.42710     94.21104     79.57897     66.98807     57.12341     49.59782
43.91892     39.41420
  4190745.17 |      84.22668     77.93020     73.98924     68.46461     61.18959     54.21833     48.28333
43.44048     39.23856
  4190725.17 |      67.59885     64.61591     62.58810     60.99327     57.04443     52.30747     47.83209
43.86953     40.09069
  4190705.17 |      64.91867     69.02158     63.90699     61.26347     57.44380     53.04119     48.92956
45.26707     41.69384
  4190685.17 |      80.69322     88.23365     77.44693     74.60205     66.07742     58.96749     53.21442
48.51844     44.37473
  4190665.17 |      90.62810    112.00783    116.90222     98.55230     85.26962     72.93209     62.14760
54.59388     48.72330
  4190645.17 |      91.45814    119.36391    145.58583    158.83787    118.86845     99.28768     76.69678
63.67348     54.84116
1 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

  PAGE 995
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

                           *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: ALL
***
                               INCLUDING SOURCE(S):     L0000587    , L0000588    , L0000589    , L0000590    ,
L0000591    ,
                L0000592    , L0000593    , L0000594    , L0000595    , L0000596    , L0000597    , L0000598    ,
L0000599    ,
                L0000600    , L0000601    , L0000602    , L0000603    , L0000604    , L0000605    , L0000606    ,
L0000607    ,
                L0000608    , L0000609    , L0000610    , L0000611    , L0000612    , L0000613    , L0000614    ,
. . .       ,

                                   *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                        ** CONC OF PM_10    IN MICROGRAMS/M**3                          **

    Y-COORD  |                                            X-COORD (METERS)
    (METERS) |     560277.30    560297.30    560317.30    560337.30    560357.30    560377.30    560397.30
560417.30    560437.30
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

  4191625.17 |       2.59253      2.62665      2.66715      2.71471      2.76592      2.81227      2.85856
2.90611      2.95742
  4191605.17 |       2.67036      2.70772      2.75222      2.80305      2.85783      2.90650      2.95223
3.00068      3.05253
  4191585.17 |       2.75397      2.79497      2.84368      2.89688      2.94974      3.00476      3.05192
3.10107      3.15222
  4191565.17 |       2.84410      2.88930      2.94235      2.99891      3.05342      3.10598      3.15656
3.20598      3.25501
  4191545.17 |       2.94148      2.99141      3.04890      3.10840      3.16412      3.21513      3.26425
3.31238      3.35705
  4191525.17 |       3.04671      3.10195      3.16381      3.22571      3.28233      3.33403      3.38308
3.42822      3.46723
  4191505.17 |       3.16557      3.22232      3.28739      3.35109      3.40840      3.46062      3.50845
3.54924      3.58249
  4191485.17 |       3.29106      3.35223      3.41992      3.48483      3.54252      3.59439      3.63949
3.67545      3.70447
  4191465.17 |       3.42413      3.49108      3.56178      3.62737      3.68465      3.73445      3.77542
3.80737      3.83514
  4191445.17 |       3.56969      3.64136      3.71350      3.77924      3.83458      3.88000      3.91614
```

3.94643 3.97678
4191425.17 | 3.72448 3.80588 3.87815 3.94078 3.99203 4.03100 4.06292
4.09493 4.13181
4191405.17 | 3.89160 3.98155 4.05640 4.11318 4.15824 4.19012 4.21871
4.25618 4.30286
4191385.17 | 4.07240 4.16658 4.24696 4.30595 4.34343 4.36918 4.39755
4.44374 4.49874
4191365.17 | 4.26878 4.36374 4.44124 4.49377 4.52479 4.55191 4.59080
4.64807 4.71825
4191345.17 | 4.48119 4.57500 4.64577 4.68956 4.71776 4.75077 4.80208
4.87264 4.96098
4191325.17 | 4.70970 4.79891 4.85916 4.89412 4.92481 4.97219 5.04180
5.12881 5.23238
4191305.17 | 4.95402 5.03406 5.08179 5.11161 5.15142 5.21886 5.31100
5.41762 5.53750
4191285.17 | 5.21404 5.28022 5.31665 5.34849 5.40490 5.49612 5.61262
5.74048 5.87771
4191265.17 | 5.48990 5.53992 5.57038 5.61340 5.69318 5.81080 5.95078
6.09828 6.25262
4191245.17 | 5.78369 5.81939 5.85294 5.91636 6.02451 6.16919 6.32964
6.49426 6.67097
4191225.17 | 6.10139 6.13003 6.17731 6.26823 6.40647 6.57550 6.75296
6.93751 7.14622
4191205.17 | 6.45294 6.48736 6.55909 6.68087 6.84552 7.03231 7.22779
7.44112 7.69023
4191185.17 | 6.85290 6.90834 7.01275 7.16453 7.34951 7.55148 7.76824
8.01430 8.30010
4191165.17 | 7.32161 7.41128 7.55006 7.72674 7.93041 8.15142 8.39001
8.65697 8.95989
4191145.17 | 7.88337 8.01370 8.18222 8.38142 8.60709 8.84592 9.09301
9.36131 9.66733
4191125.17 | 8.56307 8.73113 8.92652 9.15129 9.39394 9.63134 9.86561
10.12520 10.44317
4191105.17 | 9.38307 9.58470 9.80848 10.04938 10.28186 10.49133 10.70405
10.96546 11.32040
4191085.17 | 10.37088 10.60428 10.84006 11.06144 11.25155 11.42054 11.61807
11.90163 12.31902
4191065.17 | 11.57517 11.81544 12.01969 12.18953 12.32681 12.46396 12.66990
13.00500 13.51915
4191045.17 | 13.05477 13.25204 13.40152 13.52286 13.63104 13.78526 14.06092
14.51268 15.20076
4191025.17 | 14.87337 15.01044 15.11842 15.22797 15.37792 15.63630 16.06757
16.71004 17.65691
4191005.17 | 17.15986 17.25106 17.36815 17.56734 17.87879 18.34935 19.04217
19.94038 21.28367
4190985.17 | 20.16107 20.26081 20.53220 21.00441 21.67653 22.46182 23.51492
25.17556 27.38994
4190965.17 | 24.21488 24.63670 25.44489 26.58231 28.14260 30.20036 32.84490
36.63908 42.09685
4190945.17 | 31.12199 32.69312 35.00185 38.31807 43.23132 44.74244 45.57356
53.46533 62.11265
4190925.17 | 46.47795 49.68199 51.78733 55.75724 62.43955 68.50332 74.08209
69.39702 57.99819
4190905.17 | 80.26155 90.54036 90.00585 83.49067 70.30709 60.89302 53.89497
46.30933 40.39251
4190885.17 | 88.25509 74.02848 64.44299 54.61544 47.47711 42.05013 37.68869
33.99350 30.78021
4190865.17 | 59.36145 51.79296 45.86050 41.10207 37.23274 33.97958 31.12654
28.58522 26.35505
4190845.17 | 48.54298 43.39583 39.13578 35.60778 32.65266 30.07770 27.79121
25.76409 23.92326

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

Y-COORD (METERS)	X-COORD (METERS)							
	560277.30	560297.30	560317.30	560337.30	560357.30	560377.30	560397.30	560417.30	560437.30
4190825.17	43.59002	39.24255	35.64683	32.65199	30.09056	27.85332	25.87892	24.07130	22.43548
4190805.17	40.02804	36.22104	33.09837	30.48270	28.22498	26.25415	24.45170	22.78202	21.33910
4190785.17	37.30439	33.89968	31.06445	28.73528	26.73598	24.93014	23.21963	21.70377	20.44723
4190765.17	35.68999	32.48841	29.86064	27.70414	25.81212	24.01631	22.36459	20.99047	19.87061
4190745.17	35.57736	32.40021	29.81654	27.64491	25.64362	23.74216	22.12626	20.83306	19.76177
4190725.17	36.52708	33.36292	30.73459	28.39243	26.13577	24.12544	22.52221	21.23194	20.10440
4190705.17	38.17457	35.03720	32.29883	29.65975	27.14061	25.07379	23.44110	22.05318	20.81537
4190685.17	40.54488	37.27678	34.26970	31.24444	28.59034	26.50173	24.76086	23.21959	21.87144
4190665.17	43.92506	40.08518	36.46885	33.09095	30.43182	28.27884	26.38086	24.70431	23.05409
4190645.17	48.43286	43.43142	38.88385	35.30621	32.60119	30.28993	28.24048	26.17999	24.08802

Y-COORD (METERS)	X-COORD (METERS)							
	560457.30	560477.30	560497.30	560517.30	560537.30	560557.30	560577.30	560597.30	560617.30

4191625.17	3.00967	3.05459	3.08671	3.11095	3.13864	3.17820	3.23172	3.29760	3.37361
4191605.17	3.10388	3.14666	3.17719	3.20305	3.23773	3.28514	3.34646	3.41971	3.50332
4191585.17	3.20092	3.24103	3.27125	3.30057	3.33918	3.39128	3.46024	3.54077	3.62724
4191565.17	3.29989	3.33800	3.37037	3.40328	3.44264	3.50121	3.57680	3.66395	3.75599
4191545.17	3.39698	3.43371	3.47001	3.51022	3.55940	3.62632	3.70797	3.80172	3.90291
4191525.17	3.50235	3.53927	3.58156	3.63116	3.69192	3.76623	3.85394	3.95443	4.06533
4191505.17	3.61426	3.65327	3.70324	3.76231	3.83102	3.91174	4.00579	4.11276	4.22870
4191485.17	3.73535	3.77840	3.83917	3.91030	3.98715	4.07254	4.17088	4.28327	4.40216
4191465.17	3.86821	3.91710	3.98965	4.07400	4.15960	4.25055	4.35091	4.46660	4.58653
4191445.17	4.01511	4.07132	4.15118	4.24600	4.34193	4.44100	4.54724	4.66411	4.78465
4191425.17	4.17814	4.24295	4.33263	4.43832	4.54880	4.65587	4.76618	4.88395	5.00756
4191405.17	4.35955	4.43440	4.53553	4.65594	4.78168	4.89358	5.00576	5.12703	5.25861
4191385.17	4.56224	4.64884	4.76102	4.89180	5.02237	5.14528	5.26637	5.39699	5.54244
4191365.17	4.79611	4.89610	5.01482	5.15157	5.28989	5.42288	5.55695	5.70273	5.86763
4191345.17	5.06042	5.17436	5.29793	5.43733	5.59079	5.73606	5.88293	6.04586	6.23333
4191325.17	5.33746	5.46493	5.60096	5.75640	5.93262	6.10332	6.27041	6.44793	6.64717
4191305.17	5.65592	5.79286	5.94167	6.11965	6.32637	6.52660	6.71197	6.89975	7.10434
4191285.17	6.02093	6.16533	6.33417	6.53845	6.77790	7.00644	7.20730	7.40660	7.61907
4191265.17	6.42088	6.58900	6.78690	7.02027	7.28716	7.54242	7.76374	7.98796	8.23624
4191245.17	6.87198	7.08774	7.31578	7.56774	7.85543	8.14600	8.40830	8.68536	8.99748
4191225.17	7.39062	7.65932	7.92420	8.18453	8.49859	8.85175	9.19393	9.56583	9.97943
4191205.17	7.97758	8.28996	8.60208	8.88800	9.25697	9.71892	10.19846	10.72568	11.30272
4191185.17	8.62279	8.97511	9.35705	9.71490	10.19606	10.82967	11.53519	12.32164	13.18606
4191165.17	9.30861	9.71882	10.20711	10.72332	11.40308	12.31007	13.40662	14.67153	16.09640
4191145.17	10.04191	10.53022	11.17738	12.01542	13.03070	14.40231	16.27671	18.57520	21.25060
4191125.17	10.86451	11.45210	12.27477	13.47021	15.19755	17.61828	21.20037	26.30228	32.49671
4191105.17	11.82068	12.54211	13.59620	15.22452	17.96317	22.89640	30.76542	39.93404	40.02402
4191085.17	12.92496	13.81649	15.17649	17.39322	21.51215	31.58371	47.52527	77.57237	78.43589
4191065.17	14.27954	15.43528	17.26458	20.40119	26.61928	42.13242	83.05326	86.75671	71.63110
4191045.17	16.23077	17.78572	20.34123	24.85686	33.90032	50.01188	78.19371	67.14878	53.25758
4191025.17	19.07171	21.23941	24.78395	31.21603	42.03237	47.44834	58.13604	53.64238	40.05048
4191005.17	23.26167	26.35743	31.70826	37.96680	46.27514	60.08965	49.02901	39.82704	32.16494
4190985.17	30.49375	35.45443	43.01312	45.67302	59.67331	53.09531	40.38176	32.13757	27.19263
4190965.17	41.47988	45.52014	51.58957	59.57738	57.66720	40.69240	32.15538	27.10769	23.72906

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  4190945.17 |      68.27200     65.28576     54.79947     50.33544     38.24102     31.03017     26.48403
23.37898     21.07292
  4190925.17 |      52.69011     46.05574     38.36481     32.67135     28.35977     25.06587     22.54498
20.58570     18.98183
  4190905.17 |      35.50482     31.50560     28.22029     25.56265     23.34828     21.49768     19.93361
18.59409     17.41317
  4190885.17 |      28.04002     25.66292     23.67086     21.99596     20.54621     19.28687     18.16969
17.16856     16.26013
  4190865.17 |      24.36275     22.63885     21.19074     19.94536     18.84762     17.86376     16.97111
16.16619     15.43975
  4190845.17 |      22.30057     20.94226     19.76838     18.73742     17.80900     16.95834     16.18733
15.50339     14.87791
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

  PAGE 998
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

                           *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: ALL
***
                               INCLUDING SOURCE(S):     L0000587    , L0000588    , L0000589    , L0000590    ,
L0000591    ,
                L0000592    , L0000593    , L0000594    , L0000595    , L0000596    , L0000597    , L0000598    ,
L0000599    ,
                L0000600    , L0000601    , L0000602    , L0000603    , L0000604    , L0000605    , L0000606    ,
L0000607    ,
                L0000608    , L0000609    , L0000610    , L0000611    , L0000612    , L0000613    , L0000614    ,
. . .       ,

                                    *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                         ** CONC OF PM_10    IN MICROGRAMS/M**3                          **

    Y-COORD  |                                          X-COORD (METERS)
    (METERS) |     560457.30    560477.30    560497.30    560517.30    560537.30    560557.30    560577.30
560597.30    560617.30
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

  4190825.17 |      21.04415     19.87796     18.86384     17.95144     17.11447     16.35655     15.68295
15.06521     14.45706
  4190805.17 |      20.13488     19.11255     18.20277     17.36183     16.60301     15.93138     15.30877
14.68543     14.04780
  4190785.17 |      19.40037     18.48577     17.63905     16.86833     16.19343     15.56431     14.91823
14.25312     13.60910
  4190765.17 |      18.91523     18.03996     17.23827     16.53534     15.88059     15.19864     14.49153
13.81554     13.20133
  4190745.17 |      18.79934     17.92069     17.14787     16.42112     15.66301     14.88707     14.15460
13.49379     12.89203
  4190725.17 |      19.08512     18.19023     17.33842     16.44936     15.56192     14.74268     14.00367
13.32662     12.70086
  4190705.17 |      19.73372     18.69650     17.61833     16.57100     15.62654     14.77671     13.99570
13.28080     12.64021
  4190685.17 |      20.56771     19.22573     17.95752     16.83277     15.82528     14.90917     14.08724
13.36698     12.74163
  4190665.17 |      21.36793     19.80805     18.43167     17.20378     16.11116     15.15839     14.33837
13.62789     12.99868
  4190645.17 |      22.17854     20.48642     18.98592     17.68300     16.57166     15.61773     14.78077
14.03233     13.35600
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

  PAGE 999
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*
```

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0000587 , L0000588 , L0000589 , L0000590 , L0000591 ,
L0000592 , L0000593 , L0000594 , L0000595 , L0000596 , L0000597 , L0000598 , L0000599 ,
L0000600 , L0000601 , L0000602 , L0000603 , L0000604 , L0000605 , L0000606 , L0000607 ,
L0000608 , L0000609 , L0000610 , L0000611 , L0000612 , L0000613 , L0000614 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	560637.30	560657.30	560677.30	560697.30	560717.30	560737.30	560757.30	560777.30	560797.30
4191625.17	3.45824	3.54983	3.64666	3.74960	3.86124	3.96738	4.07660	4.19355	4.32038
4191605.17	3.59579	3.69447	3.79790	3.90440	4.00629	4.10964	4.22192	4.34303	4.47282
4191585.17	3.72120	3.82584	3.93381	4.04033	4.13542	4.24006	4.35759	4.49661	4.63237
4191565.17	3.84945	3.95918	4.06996	4.17972	4.29814	4.40439	4.51756	4.65380	4.79580
4191545.17	4.01064	4.12387	4.23708	4.35115	4.46439	4.58200	4.70800	4.83655	4.98040
4191525.17	4.18112	4.29603	4.41142	4.52252	4.63870	4.76664	4.90797	5.04335	5.18506
4191505.17	4.34634	4.46127	4.57792	4.69313	4.81954	4.95982	5.11089	5.26901	5.42400
4191485.17	4.52011	4.63520	4.75427	4.87988	5.01672	5.16981	5.33192	5.49786	5.65702
4191465.17	4.70486	4.82290	4.94671	5.08384	5.23638	5.39701	5.56459	5.73082	5.89379
4191445.17	4.90582	5.03125	5.16934	5.31908	5.47707	5.64477	5.80917	5.97298	6.13385
4191425.17	5.13610	5.27290	5.42215	5.57883	5.73852	5.90474	6.06860	6.22531	6.38836
4191405.17	5.39921	5.54877	5.70457	5.86521	6.02229	6.17972	6.33816	6.50119	6.67267
4191385.17	5.69851	5.85928	6.01908	6.17818	6.32982	6.48289	6.63937	6.80904	6.98765
4191365.17	6.03859	6.20544	6.36488	6.51901	6.66978	6.82604	6.98991	7.17552	7.37560
4191345.17	6.41802	6.58672	6.74246	6.89360	7.05998	7.22942	7.41238	7.62924	7.87341
4191325.17	6.83843	7.01065	7.17468	7.34021	7.52504	7.71608	7.92925	8.16898	8.46387
4191305.17	7.30575	7.49290	7.67997	7.87752	8.08908	8.31574	8.57917	8.85839	9.20267
4191285.17	7.83488	8.05534	8.29233	8.53786	8.78803	9.07170	9.39949	9.74559	10.15589
4191265.17	8.49692	8.77482	9.06914	9.36372	9.67867	10.03056	10.43147	10.89398	11.40942
4191245.17	9.33249	9.69348	10.06079	10.43325	10.86276	11.32333	11.83076	12.45065	13.12065
4191225.17	10.42995	10.90639	11.38247	11.90367	12.53152	13.19685	13.86555	14.69509	15.58509
4191205.17	11.93693	12.58826	13.27518	14.08721	15.04772	16.08820	17.15021	18.19719	19.49445
4191185.17	14.12931	15.11327	16.25208	17.61647	19.15628	20.76983	22.47711	24.31679	26.87968
4191165.17	17.64156	19.39993	21.53252	24.01574	26.84024	29.71633	32.91360	37.59794	45.36565

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0000587 , L0000588 , L0000589 , L0000590 , L0000591 ,
L0000592 , L0000593 , L0000594 , L0000595 , L0000596 , L0000597 , L0000598 , L0000599 ,
L0000600 , L0000601 , L0000602 , L0000603 , L0000604 , L0000605 , L0000606 , L0000607 ,
L0000608 , L0000609 , L0000610 , L0000611 , L0000612 , L0000613 , L0000614 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	560637.30	560657.30	560677.30	560697.30	560717.30	560737.30	560757.30	560777.30	560797.30
4191145.17	24.32858	28.15824	32.95963	38.76080	41.95339	46.18425	51.05768	63.39839	76.25579
4191125.17	36.92954	46.29990	51.88709	62.70412	64.34048	71.75710	79.68312	82.90667	77.60350
4191105.17	43.53059	54.78259	62.66362	71.98731	69.06552	67.56617	63.88012	55.59355	47.99307
4191085.17	75.32843	62.06461	60.01388	52.86197	46.79806	41.88705	37.99263	34.71456	32.05615
4191065.17	56.97323	44.75237	38.48547	34.66429	32.04771	29.92709	28.08414	26.47663	25.10137
4191045.17	41.01668	34.37844	30.24770	27.51321	25.64507	24.12808	22.85474	21.84872	20.98146
4191025.17	32.91822	28.62759	25.74620	23.64145	22.03517	20.79907	19.81395	19.03742	18.38593
4191005.17	27.57979	24.61450	22.50811	20.89976	19.62267	18.60393	17.79014	17.13020	16.57280
4190985.17	23.99323	21.76906	20.13665	18.86956	17.84695	17.00971	16.31929	15.73409	15.21592
4190965.17	21.36781	19.63156	18.31424	17.28662	16.45916	15.76656	15.16548	14.62454	14.12442
4190945.17	19.32132	17.95952	16.88998	16.04221	15.35083	14.75272	14.20336	13.68614	13.20408
4190925.17	17.67335	16.61006	15.74854	15.03840	14.42864	13.87561	13.35460	12.86438	12.41521
4190905.17	16.40559	15.56135	14.84788	14.21973	13.64237	13.10475	12.60782	12.15646	11.75248
4190885.17	15.46521	14.76799	14.13660	13.54029	12.97475	12.45393	11.98945	11.58015	11.21568
4190865.17	14.77972	14.15565	13.55161	12.97007	12.42779	11.94035	11.51124	11.13171	10.78784
4190845.17	14.26811	13.65620	13.06131	12.50788	12.00619	11.55602	11.15039	10.78177	10.44292
4190825.17	13.83726	13.22602	12.65700	12.14496	11.68168	11.25452	10.85809	10.49179	10.15563
4190805.17	13.42249	12.83953	12.31112	11.83203	11.38934	10.97425	10.58630	10.22880	9.90460
4190785.17	13.01571	12.47419	11.97442	11.51058	11.08036	10.68155	10.31389	9.97932	9.67911
4190765.17	12.64169	12.11967	11.62981	11.17733	10.76667	10.39594	10.06019	9.75569	9.47977

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  4191345.17 |       8.14941      8.43750      8.83654      9.28153      9.74932     10.26914     10.84633
11.48816     12.20093
  4191325.17 |       8.78861      9.10815      9.55946     10.06583     10.58863     11.16913     11.82564
12.57744     13.44060
  4191305.17 |       9.58871      9.95364     10.47273     11.05003     11.64048     12.30732     13.07558
13.97171     15.02752
  4191285.17 |      10.61612     11.04176     11.62616     12.32322     13.01857     13.81481     14.74282
15.84338     17.17134
  4191265.17 |      11.97055     12.46950     13.11882     13.93019     14.89643     15.91790     17.09823
18.51756     20.26453
  4191245.17 |      13.82078     14.43446     15.30012     16.38688     17.66690     19.07383     20.71800
22.72157     25.22630
  4191225.17 |      16.53413     17.41179     18.75241     20.45953     22.25193     24.42710     27.09881
30.43264     34.73324
  4191205.17 |      21.09408     23.05211     25.21488     27.74756     31.11672     35.47850     41.45241
48.48838     53.17808
  4191185.17 |      30.28822     34.86944     40.01028     46.25083     48.75066     55.87656     62.00983
73.71222     81.46162
  4191165.17 |      50.14070     59.53172     68.17172     79.54104     84.54465     75.49445     70.87804
68.77343     73.57768
  4191145.17 |      82.13482     83.57240     82.72669     75.23819     66.69562     61.18314     55.44320
49.67776     46.13883
  4191125.17 |      68.80460     62.30296     54.93363     47.91189     42.88305     39.34360     36.64879
34.53461     32.66638
  4191105.17 |      42.45664     38.30368     35.11998     32.64577     30.73216     29.23948     27.88553
26.59079     25.51940
  4191085.17 |      29.92475     28.26911     26.80166     25.57737     24.50134     23.53644     22.68747
21.88783     21.17543
  4191065.17 |      23.92833     22.92576     22.04468     21.26795     20.51361     19.84716     19.23931
18.72996     18.22749
  4191045.17 |      20.22486     19.55355     18.94249     18.37141     17.82747     17.30966     16.85364
16.47700     16.08162
  4191025.17 |      17.81542     17.29233     16.79521     16.31490     15.85448     15.45525     15.10195
14.76619     14.42387
  4191005.17 |      16.07464     15.60786     15.16065     14.73485     14.33846     14.01659     13.71652
13.41313     13.13021
  4190985.17 |      14.73806     14.29011     13.87349     13.49323     13.15017     12.86450     12.60686
12.34279     12.10262
  4190965.17 |      13.65952     13.23309     12.85017     12.51050     12.20513     11.92894     11.68912
11.47940     11.26863
  4190945.17 |      12.76520     12.37431     12.02919     11.72094     11.43804     11.17515     10.95066
10.76851     10.57893
  4190925.17 |      12.01599     11.66517     11.35194     11.06474     10.79690     10.55038     10.34254
10.17316     10.00153
  4190905.17 |      11.39340     11.07180     10.77764     10.50411     10.25095     10.02181      9.83006
9.67297      9.51880
  4190885.17 |      10.88399     10.57693     10.29154     10.02860      9.79081      9.57971      9.40128
9.26237      9.12625
  4190865.17 |      10.46845     10.16880      9.89092      9.63928      9.41680      9.22298      9.05822
8.93151      8.81743
  4190845.17 |      10.12857      9.83736      9.57171      9.33489      9.12809      8.94937      8.79501
8.66796      8.57442
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

PAGE  1002
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

                           *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: ALL
***
                               INCLUDING SOURCE(S):     L0000587    , L0000588    , L0000589    , L0000590    ,
L0000591    ,
               L0000592    , L0000593    , L0000594    , L0000595    , L0000596    , L0000597    , L0000598    ,
L0000599    ,
               L0000600    , L0000601    , L0000602    , L0000603    , L0000604    , L0000605    , L0000606    ,
L0000607    ,
               L0000608    , L0000609    , L0000610    , L0000611    , L0000612    , L0000613    , L0000614    ,
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4191545.17	7.35665	7.88891	8.60866	9.60741	7.89182	8.54692	6.78618	6.94184	7.03495
4191525.17	7.53279	8.07359	8.74956	9.65901	8.24380	6.67790	6.82375	6.96789	7.08339
4191505.17	7.77512	8.28448	8.93370	9.78455	10.90071	6.97708	7.16214	7.35899	7.54790
4191485.17	8.09197	8.58206	9.20145	9.99922	11.05651	9.48914	7.74974	8.06229	8.40373
4191465.17	8.48079	8.96688	9.55945	10.30847	11.34470	9.68886	10.27611	10.99514	9.31558
4191445.17	8.93390	9.43495	10.03100	10.74954	11.70084	10.19212	10.85674	9.16793	9.33297
4191425.17	9.48280	10.00589	10.62013	11.33615	12.23900	13.45128	9.59944	9.79288	9.97627
4191405.17	10.14305	10.70148	11.35614	12.10655	13.01225	14.18810	10.64636	10.90498	11.17371
4191385.17	10.92376	11.54931	12.28028	13.11706	14.08481	15.30471	14.02756	14.84414	13.10026
4191365.17	11.85729	12.59407	13.44851	14.43848	15.54948	16.89661	15.75397	16.65887	17.62090
4191345.17	12.99700	13.89880	14.94386	16.17726	17.55051	19.16360	18.46361	19.77879	18.70088
4191325.17	14.42679	15.56370	16.90359	18.51865	20.34449	22.46740	24.90802	24.85471	24.10323
4191305.17	16.27937	17.76446	19.56175	21.78350	24.42259	27.50633	31.11835	32.92087	33.93086
4191285.17	18.79881	20.81405	23.29605	26.51404	30.91356	36.09275	42.09171	46.94813	34.00049
4191265.17	22.47133	25.33021	29.02627	34.20341	42.18700	32.43422	23.81107	46.49259	29.50505
4191245.17	28.46591	32.83369	38.73834	47.70042	38.37282	43.23401	30.19135	32.44826	42.82884
4191225.17	40.55180	48.82307	56.15408	48.43633	53.62756	60.93641	42.03236	38.44134	55.92433
4191205.17	60.56599	70.00518	81.86989	73.97175	71.47386	75.52076	50.69904	40.24430	68.90417
4191185.17	84.92228	89.53944	90.52870	86.92450	66.63271	58.85432	53.94282	49.63354	52.31950
4191165.17	68.90639	62.85444	59.76664	55.37768	52.62034	52.02122	51.82588	49.95392	47.28420
4191145.17	42.96171	40.83377	39.01192	37.55113	36.45094	35.48809	34.71067	34.24073	33.82280
4191125.17	31.01239	30.20778	29.28978	28.45561	27.71010	27.02466	26.43486	26.15614	26.23683
4191105.17	24.66065	24.06024	23.52980	22.96491	22.42206	21.94665	21.56997	21.41057	21.56487
4191085.17	20.56405	20.11657	19.71982	19.29716	18.91492	18.61179	18.40341	18.35886	18.56262
4191065.17	17.75243	17.35344	17.01723	16.71303	16.46096	16.27642	16.17479	16.21069	16.45405
4191045.17	15.69156	15.34596	15.01695	14.79323	14.66602	14.55387	14.53417	14.62407	14.89553
4191025.17	14.10463	13.85278	13.60677	13.37655	13.28161	13.25574	13.26977	13.40931	13.69357
4191005.17	12.87287	12.65615	12.46797	12.31098	12.22296	12.23559	12.28928	12.44750	12.73749
4190985.17	11.88888	11.70215	11.55507	11.45468	11.40474	11.42234	11.50361	11.67011	11.95892
4190965.17	11.08331	10.92740	10.81191	10.73951	10.71842	10.75574	10.85651	11.03577	11.32197
4190945.17	10.41682	10.28539	10.19272	10.14199	10.14751	10.20522	10.32029	10.50687	10.78844
4190925.17	9.85962	9.74423	9.67505	9.65369	9.67837	9.74727	9.87054	10.05852	10.33401
4190905.17	9.39738	9.30217	9.25782	9.25445	9.28571	9.36086	9.48557	9.67012	9.93434
4190885.17	9.02132	8.94797	8.91862	8.92140	8.95182	9.03079	9.15071	9.32854	9.58040
4190865.17	8.72352	8.66573	8.64038	8.63702	8.66924	8.74468	8.85719		

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
***

INCLUDING SOURCE(S): L0000587 , L0000588 , L0000589 , L0000590 ,
L0000591 ,
L0000592 , L0000593 , L0000594 , L0000595 , L0000596 , L0000597 , L0000598 ,
L0000599 ,
L0000600 , L0000601 , L0000602 , L0000603 , L0000604 , L0000605 , L0000606 ,
L0000607 ,
L0000608 , L0000609 , L0000610 , L0000611 , L0000612 , L0000613 , L0000614 ,
. . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	560997.30	561017.30	561037.30	561057.30	561077.30	561097.30	561117.30	561137.30	561157.30
4190825.17	8.28682	8.23506	8.19728	8.18589	8.21019	8.27180	8.37286	8.50869	8.71665
4190805.17	8.10989	8.05784	8.01490	7.99111	8.01036	8.06427	8.15704	8.29564	8.49233
4190785.17	7.94563	7.89463	7.85238	7.82710	7.84063	7.88557	7.96592	8.08854	8.26507
4190765.17	7.79471	7.73645	7.69072	7.65983	7.66377	7.69641	7.76188	7.86697	8.02264
4190745.17	7.64339	7.57335	7.51959	7.47800	7.47007	7.48974	7.54086	7.62956	7.76581
4190725.17	7.48181	7.39815	7.33758	7.29488	7.26889	7.27462	7.31318	7.38723	7.50542
4190705.17	7.32167	7.22513	7.15441	7.10808	7.07341	7.06721	7.09385	7.15361	7.25395
4190685.17	7.17731	7.07145	6.99280	6.93854	6.89703	6.87920	6.89344	6.93837	7.02035
4190665.17	7.05509	6.94117	6.85532	6.79236	6.74563	6.72563	6.71636	6.74597	6.80907
4190645.17	6.95334	6.83687	6.74239	6.66847	6.60241	6.58138	6.56116	6.57486	6.61822

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
***

INCLUDING SOURCE(S): L0000587 , L0000588 , L0000589 , L0000590 ,
L0000591 ,
L0000592 , L0000593 , L0000594 , L0000595 , L0000596 , L0000597 , L0000598 ,
L0000599 ,
L0000600 , L0000601 , L0000602 , L0000603 , L0000604 , L0000605 , L0000606 ,
L0000607 ,
L0000608 , L0000609 , L0000610 , L0000611 , L0000612 , L0000613 , L0000614 ,

. . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)						
	561177.30	561197.30	561217.30	561237.30	561257.30	561277.30	561297.30
561317.30	561337.30						
4191625.17	5.85104	5.86047	5.82829	9.92486	13.20339	11.40799	10.06194
9.02464	8.16708						
4191605.17	6.28555	6.35853	10.36636	9.48636	14.00184	12.02502	10.55607
9.43910	8.52628						
4191585.17	7.23331	10.68362	10.19394	9.59497	8.95664	12.66078	11.07432
9.87704	8.90747						
4191565.17	7.49851	7.32378	7.10376	10.55249	9.77706	13.32904	11.62574
10.34737	9.31769						
4191545.17	7.05557	7.01174	6.92734	6.81302	11.92853	14.07073	12.24098
10.86889	9.77001						
4191525.17	7.15890	7.19018	7.17745	7.11302	11.29543	14.94559	12.94929
11.46044	10.27645						
4191505.17	7.71498	7.84492	7.90583	11.88090	10.98019	10.17549	13.75050
12.12325	10.84348						
4191485.17	8.75158	9.07476	12.45747	12.02626	11.37588	10.67786	14.61859
12.82006	11.47831						
4191465.17	9.43031	9.39257	9.22948	8.99224	8.71974	11.91720	15.55702
13.57202	12.20277						
4191445.17	9.43415	9.44420	9.36548	9.22727	9.04686	8.82295	16.44199
14.60263	13.08508						
4191425.17	10.12020	10.17096	10.14835	10.07125	9.90695	13.86110	12.69160
15.75369	14.07163						
4191405.17	11.41970	11.52618	11.64404	11.66621	15.25926	14.25712	13.34842
17.07011	15.17802						
4191385.17	13.55951	13.95082	14.22317	17.17559	16.81918	16.02360	15.04915
18.95509	16.71203						
4191365.17	16.14265	16.37430	16.32863	15.98605	15.49751	14.80150	17.88864
21.15881	18.53866						
4191345.17	19.30288	19.68794	19.71193	19.33012	18.67689	17.72624	16.58203
24.06634	20.90214						
4191325.17	25.34744	23.83656	23.30826	22.02743	20.52833	18.87468	25.29300
22.29433	24.02785						
4191305.17	33.99644	35.36947	34.83000	31.95565	28.19970	28.63402	24.93193
26.36411	27.82996						
4191285.17	36.43375	32.16423	27.80901	51.66736	43.76320	35.65161	29.73727
25.22744	31.75649						
4191265.17	25.17545	51.92834	41.35347	33.14947	59.01594	44.26292	34.70269
28.59869	29.05271						
4191245.17	32.40202	26.52519	51.40420	39.11524	66.49488	48.95067	37.93028
30.60820	29.74569						
4191225.17	39.43922	30.42874	51.48504	38.24761	56.82701	42.38323	33.11153
31.23745	29.34191						
4191205.17	40.64518	59.71619	44.78112	55.97948	44.72415	35.79455	32.52904
27.50194	23.64205						
4191185.17	60.84696	53.55635	44.97005	39.19890	36.68953	31.66595	27.33296
23.97332	25.71143						
4191165.17	39.86292	36.56788	33.60910	30.93618	28.04815	25.57219	23.35228
25.08784	22.65198						
4191145.17	30.68849	29.59733	25.87518	24.56257	22.96478	21.95943	24.06127
22.19888	20.53954						
4191125.17	23.84795	23.46888	23.18804	20.57043	19.63911	18.75611	17.77394
16.69011	15.64306						
4191105.17	19.59025	19.63729	17.40423	16.88766	16.35045	15.76824	15.15752
14.51842	13.85169						
4191085.17	19.11300	17.22806	14.76345	14.45187	14.12263	13.78643	13.43671
13.05675	12.63496						
4191065.17	16.98376	15.42182	13.00793	12.85263	12.71057	12.58206	12.46108

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                           *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: ALL
***
                               INCLUDING SOURCE(S):   L0000587   , L0000588   , L0000589   , L0000590   ,
L0000591   ,
                L0000592   , L0000593   , L0000594   , L0000595   , L0000596   , L0000597   , L0000598   ,
L0000599   ,
                L0000600   , L0000601   , L0000602   , L0000603   , L0000604   , L0000605   , L0000606   ,
L0000607   ,
                L0000608   , L0000609   , L0000610   , L0000611   , L0000612   , L0000613   , L0000614   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 561357.30   561377.30   561397.30
 -
- - - - - - - -

  4191625.17 | 7.46412   6.91458   6.44809
  4191605.17 | 7.78415   7.20666   6.71824
  4191585.17 | 8.12420   7.51713   7.00551
  4191565.17 | 8.49034   7.85132   7.31480
  4191545.17 | 8.89221   8.21712   7.65278
  4191525.17 | 9.33961   8.62290   8.02592
  4191505.17 | 9.84014   9.07573   8.43857
  4191485.17 | 10.43182   9.59031   8.89460
  4191465.17 | 11.12703   10.16862   9.40084
  4191445.17 | 11.86852   10.81687   9.96881
  4191425.17 | 12.69889   11.55226   10.61249
  4191405.17 | 13.65222   12.40515   11.35563
  4191385.17 | 14.93873   13.49844   12.27917
  4191365.17 | 16.46413   14.79376   13.39538
  4191345.17 | 18.40333   16.41071   14.76454
  4191325.17 | 20.86495   18.38372   16.36849
  4191305.17 | 23.71974   20.56003   18.06920
  4191285.17 | 26.52367   22.60674   19.60235
  4191265.17 | 28.63601   24.11347   20.70840
  4191245.17 | 29.54594   24.78283   21.21199
  4191225.17 | 29.28987   24.64355   21.13060
  4191205.17 | 28.37544   24.03822   20.70920
  4191185.17 | 27.30641   23.26633   20.16667
  4191165.17 | 20.29470   22.45436   19.57697
  4191145.17 | 18.82984   21.67124   19.01475
  4191125.17 | 18.23519   21.08891   18.54546
  4191105.17 | 13.16302   20.72972   18.20780
  4191085.17 | 16.51380   14.98316   17.96158
  4191065.17 | 14.88010   13.85799   17.83538
  4191045.17 | 14.15882   13.38829   17.76940
  4191025.17 | 10.08359   13.80270   17.77802
  4191005.17 | 9.27043   9.06039   17.91298
  4190985.17 | 8.89413   13.30961   12.11761
  4190965.17 | 13.02738   12.18627   11.36157
  4190945.17 | 9.39177   11.96202   11.27707
  4190925.17 | 8.28992   8.05539   7.81824
  4190905.17 | 7.70896   7.58271   7.43439
  4190885.17 | 7.57995   7.50219   11.93308

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 4190865.17 |      7.92623     11.72654     11.01264
 4190845.17 |      8.50835      8.15140     11.02973
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
  09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                         ***
 09:59:03

PAGE  1008
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

                              *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: ALL
***
                                  INCLUDING SOURCE(S):     L0000587    , L0000588    , L0000589    , L0000590    ,
L0000591    ,
                 L0000592    , L0000593    , L0000594    , L0000595    , L0000596    , L0000597    , L0000598    ,
L0000599    ,
                 L0000600    , L0000601    , L0000602    , L0000603    , L0000604    , L0000605    , L0000606    ,
L0000607    ,
                 L0000608    , L0000609    , L0000610    , L0000611    , L0000612    , L0000613    , L0000614    ,
. . .      ,

                                       *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                            ** CONC OF PM_10    IN MICROGRAMS/M**3                          **

    Y-COORD  |                                              X-COORD (METERS)
   (METERS) |     561357.30    561377.30    561397.30
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

 4190825.17 |      7.38239      7.19848      7.00271
 4190805.17 |      6.82205      6.72386      6.60629
 4190785.17 |      6.59469      6.62293      6.58750
 4190765.17 |      6.83408      6.95403     10.60573
 4190745.17 |      7.43798      7.11572      6.84572
 4190725.17 |      6.12630      6.01661      5.84513
 4190705.17 |      5.37293      5.30474      5.18221
 4190685.17 |      4.92354      4.83572      4.73870
 4190665.17 |      4.64768      4.52116      4.42003
 4190645.17 |      6.85680      6.78842      6.60308
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
  09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                         ***
 09:59:03

PAGE  1009
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

                              *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: ALL
***
                                  INCLUDING SOURCE(S):     L0000587    , L0000588    , L0000589    , L0000590    ,
L0000591    ,
                 L0000592    , L0000593    , L0000594    , L0000595    , L0000596    , L0000597    , L0000598    ,
L0000599    ,
                 L0000600    , L0000601    , L0000602    , L0000603    , L0000604    , L0000605    , L0000606    ,
L0000607    ,
                 L0000608    , L0000609    , L0000610    , L0000611    , L0000612    , L0000613    , L0000614    ,
. . .      ,

                                                  *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                            ** CONC OF PM_10    IN MICROGRAMS/M**3                          **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)   Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
         560122.00    4190978.00       21.16950                     560142.00    4190978.00       20.82402

         560162.00    4190978.00       20.61537                     560182.00    4190978.00       20.70748
```

560202.00	4190978.00	20.94850	560222.00	4190978.00	21.14302
560242.00	4190978.00	21.26838	560262.00	4190978.00	21.38040
560102.00	4190998.00	17.64900	560122.00	4190998.00	17.70763
560142.00	4190998.00	17.45931	560162.00	4190998.00	17.19453
560182.00	4190998.00	17.14522	560202.00	4190998.00	17.33714
560222.00	4190998.00	17.63160	560242.00	4190998.00	17.88151
560262.00	4190998.00	18.04979	560282.00	4190998.00	18.15472
560302.00	4190998.00	18.23449	560322.00	4190998.00	18.41584
560102.00	4191018.00	15.04741	560122.00	4191018.00	15.12478
560142.00	4191018.00	15.00432	560162.00	4191018.00	14.78393
560182.00	4191018.00	14.64091	560202.00	4191018.00	14.69985
560222.00	4191018.00	14.94158	560242.00	4191018.00	15.24748
560262.00	4191018.00	15.49825	560282.00	4191018.00	15.66161
560302.00	4191018.00	15.77207	560322.00	4191018.00	15.87608
560342.00	4191018.00	16.01202	560362.00	4191018.00	16.22734
560382.00	4191018.00	16.58802	560402.00	4191018.00	17.15356
560102.00	4191038.00	13.10798	560122.00	4191038.00	13.14675
560142.00	4191038.00	13.11161	560162.00	4191038.00	12.99444
560182.00	4191038.00	12.83828	560202.00	4191038.00	12.79530
560222.00	4191038.00	12.92952	560242.00	4191038.00	13.19008
560262.00	4191038.00	13.47909	560282.00	4191038.00	13.71016
560302.00	4191038.00	13.87179	560322.00	4191038.00	13.99769
560342.00	4191038.00	14.10527	560362.00	4191038.00	14.22642
560382.00	4191038.00	14.43429	560402.00	4191038.00	14.79708
560422.00	4191038.00	15.36577	560442.00	4191038.00	16.21333
560462.00	4191038.00	17.47590	560082.00	4191058.00	11.37259
560102.00	4191058.00	11.58690	560122.00	4191058.00	11.60131
560142.00	4191058.00	11.59895	560162.00	4191058.00	11.58115
560182.00	4191058.00	11.47994	560202.00	4191058.00	11.39154
560222.00	4191058.00	11.43319	560242.00	4191058.00	11.61397
560262.00	4191058.00	11.86912	560282.00	4191058.00	12.12962
560302.00	4191058.00	12.34833	560322.00	4191058.00	12.52442
560342.00	4191058.00	12.66708	560362.00	4191058.00	12.78636
560382.00	4191058.00	12.93525	560402.00	4191058.00	13.18698

560422.00	4191058.00	13.59683	560442.00	4191058.00	14.21973
560462.00	4191058.00	15.15014	560082.00	4191078.00	10.18715
560102.00	4191078.00	10.36576	560122.00	4191078.00	10.36525
560142.00	4191078.00	10.36433	560162.00	4191078.00	10.40627

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0000587 , L0000588 , L0000589 , L0000590 , L0000591 ,
L0000592 , L0000593 , L0000594 , L0000595 , L0000596 , L0000597 , L0000598 , L0000599 ,
L0000600 , L0000601 , L0000602 , L0000603 , L0000604 , L0000605 , L0000606 , L0000607 ,
L0000608 , L0000609 , L0000610 , L0000611 , L0000612 , L0000613 , L0000614 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
560182.00	4191078.00	10.38642	560202.00	4191078.00	10.31051
560222.00	4191078.00	10.29163	560242.00	4191078.00	10.39641
560262.00	4191078.00	10.59514	560282.00	4191078.00	10.83127
560302.00	4191078.00	11.07088	560322.00	4191078.00	11.29594
560342.00	4191078.00	11.49327	560362.00	4191078.00	11.65707
560382.00	4191078.00	11.81587	560402.00	4191078.00	12.03129
560422.00	4191078.00	12.35856	560442.00	4191078.00	12.84681
560462.00	4191078.00	13.55894	560482.00	4191078.00	14.62578
560502.00	4191078.00	16.29780	560082.00	4191098.00	9.20795
560102.00	4191098.00	9.35730	560122.00	4191098.00	9.35163
560142.00	4191098.00	9.34258	560162.00	4191098.00	9.40351
560182.00	4191098.00	9.45191	560202.00	4191098.00	9.42615
560222.00	4191098.00	9.38849	560242.00	4191098.00	9.42912
560262.00	4191098.00	9.56898	560282.00	4191098.00	9.76441
560302.00	4191098.00	9.98242	560322.00	4191098.00	10.21771
560342.00	4191098.00	10.45455	560362.00	4191098.00	10.66795
560382.00	4191098.00	10.86156	560402.00	4191098.00	11.07760
560422.00	4191098.00	11.36560	560442.00	4191098.00	11.77303

560462.00	4191098.00	12.35655	560482.00	4191098.00	13.20887
560502.00	4191098.00	14.48470	560522.00	4191098.00	16.54595
560062.00	4191118.00	8.12170	560082.00	4191118.00	8.38234
560102.00	4191118.00	8.50652	560122.00	4191118.00	8.50289
560142.00	4191118.00	8.48770	560162.00	4191118.00	8.54290
560182.00	4191118.00	8.62914	560202.00	4191118.00	8.66241
560222.00	4191118.00	8.64340	560242.00	4191118.00	8.64650
560262.00	4191118.00	8.72790	560282.00	4191118.00	8.87963
560302.00	4191118.00	9.06593	560322.00	4191118.00	9.27817
560342.00	4191118.00	9.51605	560362.00	4191118.00	9.75736
560382.00	4191118.00	9.98420	560402.00	4191118.00	10.21476
560422.00	4191118.00	10.48583	560442.00	4191118.00	10.83637
560462.00	4191118.00	11.31934	560482.00	4191118.00	12.00434
560502.00	4191118.00	12.98318	560522.00	4191118.00	14.46729
560062.00	4191138.00	7.46275	560082.00	4191138.00	7.67656
560102.00	4191138.00	7.77892	560122.00	4191138.00	7.78137
560142.00	4191138.00	7.76576	560162.00	4191138.00	7.80631
560182.00	4191138.00	7.90244	560202.00	4191138.00	7.98226
560222.00	4191138.00	8.00310	560242.00	4191138.00	8.00102
560262.00	4191138.00	8.03827	560282.00	4191138.00	8.14225
560302.00	4191138.00	8.29607	560322.00	4191138.00	8.48106
560342.00	4191138.00	8.69614	560362.00	4191138.00	8.93303

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0000587 , L0000588 , L0000589 , L0000590 , L0000591 ,
L0000592 , L0000593 , L0000594 , L0000595 , L0000596 , L0000597 , L0000598 , L0000599 ,
L0000600 , L0000601 , L0000602 , L0000603 , L0000604 , L0000605 , L0000606 , L0000607 ,
L0000608 , L0000609 , L0000610 , L0000611 , L0000612 , L0000613 , L0000614 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC

560382.00	4191138.00	9.17463	560402.00	4191138.00	9.42227
560422.00	4191138.00	9.69535	560442.00	4191138.00	10.01801
560462.00	4191138.00	10.43257	560482.00	4191138.00	10.99147
560502.00	4191138.00	11.74835	560062.00	4191158.00	6.89430
560082.00	4191158.00	7.06752	560102.00	4191158.00	7.15117
560122.00	4191158.00	7.16094	560142.00	4191158.00	7.15030
560162.00	4191158.00	7.17677	560182.00	4191158.00	7.26545
560202.00	4191158.00	7.37094	560222.00	4191158.00	7.43456
560242.00	4191158.00	7.45221	560262.00	4191158.00	7.46935
560282.00	4191158.00	7.53052	560302.00	4191158.00	7.64664
560322.00	4191158.00	7.80568	560342.00	4191158.00	7.99729
560362.00	4191158.00	8.21331	560382.00	4191158.00	8.44497
560402.00	4191158.00	8.69401	560422.00	4191158.00	8.97098
560442.00	4191158.00	9.28549	560462.00	4191158.00	9.65900
560482.00	4191158.00	10.11670	560502.00	4191158.00	10.68289
560062.00	4191178.00	6.40596	560082.00	4191178.00	6.53879
560102.00	4191178.00	6.60570	560122.00	4191178.00	6.62247
560142.00	4191178.00	6.62035	560162.00	4191178.00	6.63722
560182.00	4191178.00	6.71107	560202.00	4191178.00	6.82347
560222.00	4191178.00	6.91979	560242.00	4191178.00	6.96921
560322.00	4191178.00	7.22956	560342.00	4191178.00	7.39945
560362.00	4191178.00	7.59579	560382.00	4191178.00	7.80725
560402.00	4191178.00	8.03832	560422.00	4191178.00	8.30267
560442.00	4191178.00	8.60642	560462.00	4191178.00	8.94820
560482.00	4191178.00	9.32773	560502.00	4191178.00	9.74172
560062.00	4191198.00	5.97429	560082.00	4191198.00	6.07495
560102.00	4191198.00	6.12894	560122.00	4191198.00	6.15152
560142.00	4191198.00	6.15954	560162.00	4191198.00	6.17233
560182.00	4191198.00	6.23027	560202.00	4191198.00	6.33730
560222.00	4191198.00	6.45163	560362.00	4191198.00	7.06232
560382.00	4191198.00	7.25697	560402.00	4191198.00	7.46325
560422.00	4191198.00	7.69664	560442.00	4191198.00	7.96983
560462.00	4191198.00	8.27818	560482.00	4191198.00	8.60614
560042.00	4191218.00	5.49939	560062.00	4191218.00	5.58761

560082.00	4191218.00	5.66550	560102.00	4191218.00	5.71023
560122.00	4191218.00	5.73729	560142.00	4191218.00	5.75531
560162.00	4191218.00	5.76891	560182.00	4191218.00	5.81326
560202.00	4191218.00	5.90860	560222.00	4191218.00	6.02807
560342.00	4191218.00	6.43971	560362.00	4191218.00	6.59674
560382.00	4191218.00	6.77572	560402.00	4191218.00	6.96077

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0000587 , L0000588 , L0000589 , L0000590 , L0000591 ,
L0000592 , L0000593 , L0000594 , L0000595 , L0000596 , L0000597 , L0000598 , L0000599 ,
L0000600 , L0000601 , L0000602 , L0000603 , L0000604 , L0000605 , L0000606 , L0000607 ,
L0000608 , L0000609 , L0000610 , L0000611 , L0000612 , L0000613 , L0000614 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
560422.00	4191218.00	7.15953	560442.00	4191218.00	7.39100
560462.00	4191218.00	7.66027	560482.00	4191218.00	7.94694
560082.00	4191238.00	5.30300	560102.00	4191238.00	5.34101
560122.00	4191238.00	5.37134	560142.00	4191238.00	5.39809
560162.00	4191238.00	5.41582	560182.00	4191238.00	5.45049
560202.00	4191238.00	5.53191	560222.00	4191238.00	5.64786
560342.00	4191238.00	6.06018	560362.00	4191238.00	6.18908
560382.00	4191238.00	6.34784	560402.00	4191238.00	6.51564
560422.00	4191238.00	6.68893	560442.00	4191238.00	6.88190
560462.00	4191238.00	7.10545	560182.00	4191258.00	5.13325
560202.00	4191258.00	5.20121	560322.00	4191258.00	5.67649
560342.00	4191258.00	5.73421	560362.00	4191258.00	5.83363
560382.00	4191258.00	5.96758	560402.00	4191258.00	6.11757
560422.00	4191258.00	6.27240	560442.00	4191258.00	6.43661
560462.00	4191258.00	6.62037	560322.00	4191278.00	5.41175

560342.00	4191278.00	5.45148	560362.00	4191278.00	5.52436
560382.00	4191278.00	5.63207	560402.00	4191278.00	5.76072
560422.00	4191278.00	5.89724	560442.00	4191278.00	6.04302
559982.00	4191298.00	4.30896	560002.00	4191298.00	4.33078
560022.00	4191298.00	4.35644	560042.00	4191298.00	4.38482
560062.00	4191298.00	4.40947	560302.00	4191298.00	5.13371
560322.00	4191298.00	5.17140	560342.00	4191298.00	5.20212
560362.00	4191298.00	5.25372	560382.00	4191298.00	5.33633
560402.00	4191298.00	5.44118	560422.00	4191298.00	5.55758
560442.00	4191298.00	5.68602	559962.00	4191318.00	4.03959
559982.00	4191318.00	4.10333	560002.00	4191318.00	4.12461
560022.00	4191318.00	4.14892	560042.00	4191318.00	4.16886
560062.00	4191318.00	4.18308	560082.00	4191318.00	4.20169
560102.00	4191318.00	4.22907	560122.00	4191318.00	4.26516
560142.00	4191318.00	4.30902	560162.00	4191318.00	4.35048
560302.00	4191318.00	4.89793	560322.00	4191318.00	4.94686
560342.00	4191318.00	4.97706	560362.00	4191318.00	5.01387
560382.00	4191318.00	5.07381	560402.00	4191318.00	5.15551
560422.00	4191318.00	5.25241	559962.00	4191338.00	3.86648
559982.00	4191338.00	3.91639	560002.00	4191338.00	3.93783
560022.00	4191338.00	3.95928	560042.00	4191338.00	3.97116
560062.00	4191338.00	3.97695	560082.00	4191338.00	3.99085
560102.00	4191338.00	4.01784	560122.00	4191338.00	4.05454
560142.00	4191338.00	4.09902	560162.00	4191338.00	4.14394
560182.00	4191338.00	4.18016	560202.00	4191338.00	4.21815

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
***

INCLUDING SOURCE(S): L0000587 , L0000588 , L0000589 , L0000590 ,
L0000591 ,
L0000592 , L0000593 , L0000594 , L0000595 , L0000596 , L0000597 , L0000598 ,
L0000599 ,
L0000600 , L0000601 , L0000602 , L0000603 , L0000604 , L0000605 , L0000606 ,
L0000607 ,
L0000608 , L0000609 , L0000610 , L0000611 , L0000612 , L0000613 , L0000614 ,
. . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
560222.00	4191338.00	4.28019	560242.00	4191338.00	4.37231
560302.00	4191338.00	4.67232	560322.00	4191338.00	4.73295
560342.00	4191338.00	4.76870	560362.00	4191338.00	4.79745
560382.00	4191338.00	4.83907	560402.00	4191338.00	4.90107
560422.00	4191338.00	4.98110	559962.00	4191358.00	3.70577
559982.00	4191358.00	3.74612	560002.00	4191358.00	3.76736
560022.00	4191358.00	3.78489	560042.00	4191358.00	3.78931
560062.00	4191358.00	3.78842	560082.00	4191358.00	3.79900
560102.00	4191358.00	3.82578	560122.00	4191358.00	3.86275
560142.00	4191358.00	3.90690	560162.00	4191358.00	3.95373
560182.00	4191358.00	3.99346	560202.00	4191358.00	4.02995
560222.00	4191358.00	4.08292	560242.00	4191358.00	4.16387
560262.00	4191358.00	4.26407	560282.00	4191358.00	4.36657
560302.00	4191358.00	4.45785	560322.00	4191358.00	4.52757
560342.00	4191358.00	4.57130	560362.00	4191358.00	4.59849
560382.00	4191358.00	4.62948	560402.00	4191358.00	4.67695
559962.00	4191378.00	3.55651	559982.00	4191378.00	3.59037
560002.00	4191378.00	3.61075	560022.00	4191378.00	3.62366
560042.00	4191378.00	3.62137	560062.00	4191378.00	3.61528
560082.00	4191378.00	3.62346	560102.00	4191378.00	3.65013
560122.00	4191378.00	3.68716	560142.00	4191378.00	3.73041
560162.00	4191378.00	3.77788	560182.00	4191378.00	3.82073
560202.00	4191378.00	3.85729	560222.00	4191378.00	3.90325
560242.00	4191378.00	3.97355	560262.00	4191378.00	4.06530
560282.00	4191378.00	4.16403	560302.00	4191378.00	4.25595
560322.00	4191378.00	4.33088	560342.00	4191378.00	4.38222
559982.00	4191398.00	3.44724	560002.00	4191398.00	3.46605
560022.00	4191398.00	3.47390	560042.00	4191398.00	3.46568
560062.00	4191398.00	3.45568	560082.00	4191398.00	3.46228
560102.00	4191398.00	3.48889	560122.00	4191398.00	3.52585
560142.00	4191398.00	3.56800	560162.00	4191398.00	3.61514

560182.00	4191398.00	3.66028	560202.00	4191398.00	3.69793
560222.00	4191398.00	3.73908	560242.00	4191398.00	3.80012
560262.00	4191398.00	3.88321	560282.00	4191398.00	3.97715
559982.00	4191418.00	3.31506	560002.00	4191418.00	3.33144
560022.00	4191418.00	3.33432	560042.00	4191418.00	3.32109
560062.00	4191418.00	3.30830	560082.00	4191418.00	3.31405
560102.00	4191418.00	3.34068	560122.00	4191418.00	3.37753
560142.00	4191418.00	3.41843	560162.00	4191418.00	3.46443
560182.00	4191418.00	3.51092	560202.00	4191418.00	3.55033

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0000587 , L0000588 , L0000589 , L0000590 , L0000591 ,
L0000592 , L0000593 , L0000594 , L0000595 , L0000596 , L0000597 , L0000598 , L0000599 ,
L0000600 , L0000601 , L0000602 , L0000603 , L0000604 , L0000605 , L0000606 , L0000607 ,
L0000608 , L0000609 , L0000610 , L0000611 , L0000612 , L0000613 , L0000614 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
560222.00	4191418.00	3.58884	560242.00	4191418.00	3.64229
560262.00	4191418.00	3.71655	560002.00	4191438.00	3.20325
560022.00	4191438.00	3.20352	560042.00	4191438.00	3.18673
560062.00	4191438.00	3.17221	560082.00	4191438.00	3.17762
560102.00	4191438.00	3.20427	560122.00	4191438.00	3.24084
560142.00	4191438.00	3.28035	560162.00	4191438.00	3.32470
560182.00	4191438.00	3.37177	560202.00	4191438.00	3.41331
560222.00	4191438.00	3.45088	560242.00	4191438.00	3.49818
560262.00	4191438.00	3.56369	560042.00	4191458.00	3.05914
560062.00	4191458.00	3.04647	560082.00	4191458.00	3.05187
560102.00	4191458.00	3.07835	560122.00	4191458.00	3.11439
560142.00	4191458.00	3.15255	560162.00	4191458.00	3.19509
560182.00	4191458.00	3.24217	560202.00	4191458.00	3.28576

560222.00	4191458.00	3.32333	560242.00	4191458.00	3.36557
560262.00	4191458.00	3.42308	560142.00	4191478.00	3.03401
560162.00	4191478.00	3.07510	560182.00	4191478.00	3.12167
560202.00	4191478.00	3.16661	560222.00	4191478.00	3.20427
560242.00	4191478.00	3.24246	560155.00	4190663.00	106.84236
560175.00	4190663.00	90.90343	560115.00	4190683.00	89.23593
560135.00	4190683.00	82.06399	560155.00	4190683.00	78.48193
560175.00	4190683.00	68.73124	560095.00	4190703.00	66.65963
560115.00	4190703.00	69.32729	560135.00	4190703.00	65.46080
560155.00	4190703.00	62.33270	560175.00	4190703.00	58.43179
560095.00	4190723.00	68.11982	560115.00	4190723.00	64.75843
560135.00	4190723.00	62.12465	560155.00	4190723.00	60.87988
560175.00	4190723.00	57.31299	560195.00	4190723.00	52.73914
560095.00	4190743.00	77.87600	560115.00	4190743.00	76.09973
560135.00	4190743.00	72.61243	560155.00	4190743.00	68.11330
560175.00	4190743.00	61.42501	560195.00	4190743.00	54.68132
560075.00	4190763.00	128.00887	560095.00	4190763.00	122.53713
560115.00	4190763.00	107.70270	560135.00	4190763.00	93.31432
560155.00	4190763.00	79.81168	560175.00	4190763.00	67.56656
560195.00	4190763.00	57.73383	560215.00	4190763.00	50.14106
560075.00	4190783.00	235.69691	560095.00	4190783.00	223.26448
560115.00	4190783.00	158.91841	560135.00	4190783.00	119.47823
560155.00	4190783.00	93.66040	560175.00	4190783.00	75.32102
560195.00	4190783.00	62.44780	560215.00	4190783.00	53.26765
560235.00	4190783.00	46.57289	560075.00	4190803.00	417.24702
560095.00	4190803.00	327.73495	560115.00	4190803.00	216.57387
560135.00	4190803.00	147.84388	560155.00	4190803.00	109.73317

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0000587 , L0000588 , L0000589 , L0000590 , L0000591 ,
L0000592 , L0000593 , L0000594 , L0000595 , L0000596 , L0000597 , L0000598 , L0000599 ,

L0000600 , L0000601 , L0000602 , L0000603 , L0000604 , L0000605 , L0000606 , L0000607 ,
L0000608 , L0000609 , L0000610 , L0000611 , L0000612 , L0000613 , L0000614 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
560175.00	4190803.00	85.48296	560195.00	4190803.00	69.56561
560215.00	4190803.00	58.60668	560235.00	4190803.00	50.75106
560255.00	4190803.00	44.83473	560275.00	4190803.00	40.18796
560075.00	4190823.00	522.77032	560095.00	4190823.00	393.82657
560115.00	4190823.00	240.85667	560135.00	4190823.00	164.74742
560155.00	4190823.00	122.09649	560175.00	4190823.00	95.50571
560195.00	4190823.00	77.60818	560215.00	4190823.00	65.05179
560235.00	4190823.00	55.97186	560255.00	4190823.00	49.10178
560275.00	4190823.00	43.71042	560295.00	4190823.00	39.33565
560315.00	4190823.00	35.71234	560115.00	4190843.00	229.50604
560135.00	4190843.00	172.35760	560155.00	4190843.00	132.83157
560175.00	4190843.00	109.33450	560195.00	4190843.00	88.70495
560215.00	4190843.00	73.98440	560235.00	4190843.00	63.13460
560255.00	4190843.00	54.92278	560275.00	4190843.00	48.50849
560295.00	4190843.00	43.36291	560315.00	4190843.00	39.10424
560335.00	4190843.00	35.57286	560195.00	4190863.00	104.73012
560215.00	4190863.00	96.98368	560235.00	4190863.00	81.52698
560255.00	4190863.00	68.16944	560275.00	4190863.00	58.49210
560295.00	4190863.00	51.18239	560315.00	4190863.00	45.41364
560335.00	4190863.00	40.75755	560075.00	4190883.00	110.23816
560095.00	4190883.00	102.88547	560115.00	4190883.00	96.43290
560255.00	4190883.00	98.59162	560275.00	4190883.00	81.13613
560295.00	4190883.00	71.72682	560315.00	4190883.00	62.28771
560335.00	4190883.00	53.18585			

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BLPM

***
INCLUDING SOURCE(S): BLPM ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	559917.30	559937.30	559957.30	559977.30	559997.30
4191625.2	474.11910 (13040307)	531.53957 (13040307)	512.37682 (13040307)	422.91400 (13040307)	459.77626 (14122007)
4191605.2	460.82949 (13040307)	537.11851 (13040307)	536.13730 (13040307)	456.71782 (13040307)	463.14843 (14122007)
4191585.2	443.51279 (13040307)	538.11268 (13040307)	556.78753 (13040307)	490.66916 (13040307)	462.79581 (14122007)
4191565.2	422.15171 (13040307)	533.85455 (13040307)	574.18399 (13040307)	523.91518 (13040307)	457.08727 (14122007)
4191545.2	397.15652 (13040307)	523.83607 (13040307)	586.55943 (13040307)	555.36289 (13040307)	461.28604 (13102807)
4191525.2	368.76214 (13040307)	507.94699 (13040307)	593.18509 (13040307)	583.92971 (13040307)	480.78797 (13040307)
4191505.2	337.70292 (13040307)	487.93969 (13040307)	595.80248 (13040307)	610.75160 (13040307)	522.97478 (13040307)
4191485.2	304.73564 (13040307)	463.02952 (13040307)	592.07395 (13040307)	633.10918 (13040307)	564.05947 (13040307)
4191465.2	270.75087 (13040307)	433.64236 (13040307)	581.70628 (13040307)	650.80616 (13040307)	603.73836 (13040307)
4191445.2	236.33694 (13040307)	401.36905 (13040307)	566.64983 (13040307)	664.40468 (13040307)	643.29160 (13040307)
4191425.2	202.82582 (13040307)	364.98400 (13040307)	544.27416 (13040307)	671.02451 (13040307)	679.32906 (13040307)
4191405.2	172.75790 (16010107)	326.05679 (13040307)	515.16296 (13040307)	669.34492 (13040307)	710.25592 (13040307)
4191385.2	179.01509 (14111010)	286.30435 (13040307)	480.21366 (13040307)	658.10203 (13040307)	734.53388 (13040307)
4191365.2	193.73751 (14111010)	246.63856 (13040307)	440.00145 (13040307)	638.94377 (13040307)	751.64793 (13040307)
4191345.2	205.41218 (14111010)	208.02112 (13040307)	395.89446 (13040307)	611.24720 (13040307)	760.33876 (13040307)
4191325.2	212.96555 (14111010)	186.30830 (14111010)	349.85538 (13040307)	575.77218 (13040307)	759.40984 (13040307)
4191305.2	240.96567 (14122308)	202.61460 (14111010)	302.61503 (13040307)	532.71698 (13040307)	747.47424 (13040307)
4191285.2	289.26582 (14122308)	215.96364 (14111010)	255.55754 (13040307)	483.00880 (13040307)	724.89758 (13040307)
4191265.2	342.01412 (14122308)	229.02959 (14122308)	211.00863 (13040307)	430.53039 (13040307)	691.64092 (13040307)
4191245.2	397.33826 (14122308)	280.45776 (14122308)	213.49163 (14111010)	374.99832 (13040307)	648.40929 (13040307)
4191225.2	452.95016 (14122308)	338.10627 (14122308)	227.76771 (14111010)	317.81563 (13040307)	595.48935 (13040307)
4191205.2	505.65097 (14122308)	400.38590 (14122308)	268.00764 (14122308)	262.75553 (13040307)	533.82141 (13040307)
4191185.2	551.51621 (14122308)	464.78729 (14122308)	329.68276 (14122308)	224.76270 (14111010)	467.51861 (13040307)
4191165.2	607.92653 (13012409)	527.85793 (14122308)	399.19367 (14122308)	250.57344 (14122308)	398.24665 (13040307)
4191145.2	663.45161 (13012409)	585.84019 (14122308)	473.08957 (14122308)	316.34227 (14122308)	330.12101 (13040307)
4191125.2	700.02913 (13012409)	643.55802 (13012409)	548.20306 (14122308)	393.00277 (14122308)	264.35967 (13040307)
4191105.2	711.77261 (13012409)	713.38540 (13012409)	619.98902 (14122308)	476.42799 (14122308)	297.48370 (14122308)
4191085.2	693.75547 (13012409)	763.01709 (13012409)	680.86746 (14122308)	565.10036 (14122308)	378.88390 (14122308)

 4191065.2 | 688.21955 (16010407)   784.61840 (13012409)   767.97516 (13012409)   653.36734 (14122308)
472.79797 (14122308)
 4191045.2 | 717.85645 (16121207)   771.72544 (13012409)   834.81537 (13012409)   732.84051 (14122308)
576.13523 (14122308)
 4191025.2 | 732.97201 (16121207)   757.45656 (16010407)   869.61802 (13012409)   826.63337 (13012409)
683.18558 (14122308)
 4191005.2 | 710.51850 (16121207)   791.60971 (16121207)   863.19162 (13012409)   915.81486 (13012409)
784.92462 (14122308)
 4190985.2 | 672.40747 (13121607)   807.27323 (16121207)   838.49964 (16010407)   968.85402 (13012409)
887.72535 (13012409)
 4190965.2 | 639.13634 (13121607)   777.51354 (16121207)   879.38573 (16121207)   972.55621 (13012409)
1005.98972 (13012409)
 4190945.2 | 611.79116 (16120817)   737.75917 (13121607)   895.70473 (16121207)   935.87599 (16010407)
1084.20893 (13012409)
 4190925.2 | 745.23698 (13011808)   683.06809 (13121607)   854.93537 (16121207)   985.29067 (16121207)
1104.01797 (13012409)
 4190905.2 | 862.29622 (13011808)   737.68856 (13011808)   810.65745 (13121607)   1001.46860 (16121207)
1052.66313 (13012409)
 4190885.2 | 929.76982 (13011808)   889.88563 (13011808)   726.25217 (13121607)   946.14410 (16121207)
1114.63714 (16121207)
 4190865.2 | 1052.41736 (13032907)   999.06112 (13011808)   901.10950 (13011808)   891.46825 (13121607)
1130.68947 (16121207)
 4190845.2 | 1188.27924 (13032907)   1076.27886 (13032907)   1059.46165 (13011808)   889.90734 (13011808)
1053.39776 (16121207)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: BLPM
***
                               INCLUDING SOURCE(S):   BLPM   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 559917.30   559937.30   559957.30   559977.30
559997.30
 -
- - - - - - - -

 4190825.2 | 1166.04632 (13032907)   1278.18869 (13032907)   1142.54398 (13011808)   1102.57641 (13011808)
978.53830 (13121607)
 4190805.2 | 1108.93483 (16020507)   1308.26465 (13032907)   1361.30816 (13032907)   1249.46196 (13011808)
1119.20660 (13011808)
 4190785.2 | 1162.60962 (16011807)   1207.26704 (16020507)   1460.41736 (13032907)   1427.94144 (13032907)
1346.00545 (13011808)
 4190765.2 | 1243.87048 (15102707)   1281.64885 (16011807)   1317.01392 (16020507)   1627.67375 (13032907)
1477.58260 (13032907)
 4190745.2 | 1195.94773 (15102707)   1367.56951 (15102707)   1425.86977 (16011807)   1528.44901 (13032907)
1803.79336 (13032907)
 4190725.2 | 1337.28823 (15020308)   1311.14956 (15102707)   1514.03940 (15102707)   1590.80549 (16011807)
1784.94161 (13032907)
 4190705.2 | 1470.52050 (14120907)   1505.90303 (15020308)   1440.77420 (15102707)   1688.15219 (15102707)
1784.80970 (16011807)
 4190685.2 | 1487.58122 (17030907)   1654.33030 (14120907)   1699.21937 (15020308)   1594.73424 (15102707)
1899.09626 (15102707)
 4190665.2 | 1368.33426 (13011907)   1602.37206 (17030907)   1848.89998 (14120907)   1918.22107 (15020308)
1777.95577 (15102707)
 4190645.2 | 1698.96052 (13121108)   1697.08373 (13121108)   1692.10090 (17030907)   2047.36815 (14120907)
2167.41891 (15020308)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BLPM ***

INCLUDING SOURCE(S): BLPM ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	560017.30	560037.30	560057.30	560077.30	560097.30
4191625.2	521.68442 (17112408)	515.42099 (17112408)	481.99526 (14012908)	416.06097 (14012908)	336.01005 (13021507)
4191605.2	527.55915 (17112408)	534.88545 (17112408)	498.27361 (14012908)	437.54410 (14012908)	348.08722 (13021507)
4191585.2	530.33411 (17112408)	552.67000 (17112408)	514.41203 (14012908)	459.59068 (14012908)	359.80632 (13021507)
4191565.2	528.53229 (17112408)	567.95583 (17112408)	529.13785 (14012908)	481.73220 (14012908)	376.59593 (14012908)
4191545.2	524.94380 (17112408)	581.97014 (17112408)	542.69252 (14012908)	503.86676 (14012908)	400.10125 (14012908)
4191525.2	519.89251 (14122007)	594.09920 (17112408)	564.10548 (17112408)	525.75054 (14012908)	424.91526 (14012908)
4191505.2	526.69626 (14122007)	604.26134 (17112408)	590.40150 (17112408)	548.35591 (14012908)	450.84399 (14012908)
4191485.2	529.24510 (14122007)	612.01149 (17112408)	617.45740 (17112408)	572.29561 (14012908)	479.04129 (14012908)
4191465.2	526.99632 (14122007)	616.81993 (17112408)	643.77487 (17112408)	595.96696 (14012908)	508.69200 (14012908)
4191445.2	530.76013 (13102807)	620.10010 (17112408)	666.85883 (17112408)	617.44088 (14012908)	538.07377 (14012908)
4191425.2	563.51460 (13040307)	617.58582 (17112408)	687.61523 (17112408)	638.37554 (14012908)	568.54398 (14012908)
4191405.2	614.29017 (13040307)	614.72340 (14122007)	705.52947 (17112408)	658.24431 (14012908)	599.82514 (14012908)
4191385.2	664.36373 (13040307)	620.39950 (14122007)	720.08594 (17112408)	692.63710 (17112408)	631.81784 (14012908)
4191365.2	712.88996 (13040307)	620.27114 (14122007)	730.92710 (17112408)	728.31313 (17112408)	664.03636 (14012908)
4191345.2	757.98943 (13040307)	616.54366 (13102807)	737.45964 (17112408)	762.74805 (17112408)	696.51520 (14012908)
4191325.2	798.12259 (13040307)	664.87962 (13040307)	738.62134 (17112408)	795.12292 (17112408)	728.81029 (14012908)
4191305.2	831.36375 (13040307)	728.06706 (13040307)	734.18747 (17112408)	824.79443 (17112408)	760.50788 (14012908)
4191285.2	856.23109 (13040307)	790.50234 (13040307)	733.29597 (14122007)	851.09415 (17112408)	791.20080 (14012908)
4191265.2	870.18849 (13040307)	850.26785 (13040307)	737.32967 (14122007)	872.65912 (17112408)	820.91118 (17112408)
4191245.2	871.99531 (13040307)	904.48394 (13040307)	732.75338 (14122007)	888.88442 (17112408)	872.54852 (17112408)
4191225.2	859.90039 (13040307)	951.01732 (13040307)	799.13912 (13040307)	898.61094 (17112408)	922.94962 (17112408)
4191205.2	831.35000 (13040307)	985.07252 (13040307)	880.28186 (13040307)	900.60879 (17112408)	971.55606 (17112408)
4191185.2	789.09776 (13040307)	1006.12159 (13040307)	958.73994 (13040307)	893.56063 (17112408)	1016.58861 (17112408)
4191165.2	734.62041 (13040307)	1011.79262 (13040307)	1031.08468 (13040307)	893.75570 (14122007)	1056.96022 (17112408)
4191145.2	667.68167 (13040307)	999.69110 (13040307)	1096.85655 (13040307)	893.22175 (14122007)	1090.90252 (17112408)

 4191125.2 | 591.11152 (13040307)   967.52411 (13040307)   1149.69701 (13040307)   982.41698 (13040307)
1116.46690 (17112408)
 4191105.2 | 507.94124 (13040307)   915.72754 (13040307)   1185.60683 (13040307)   1090.72682 (13040307)
1131.88230 (17112408)
 4191085.2 | 422.50529 (13040307)   845.04587 (13040307)   1199.26463 (13040307)   1195.80651 (13040307)
1135.10010 (17112408)
 4191065.2 | 338.25609 (13040307)   757.61275 (13040307)   1187.85730 (13040307)   1292.00484 (13040307)
1124.48491 (17112408)
 4191045.2 | 357.77252 (14122308)   657.71534 (13040307)   1148.59715 (13040307)   1372.02728 (13040307)
1126.74958 (14122007)
 4191025.2 | 460.94602 (14122308)   550.62931 (13040307)   1080.18217 (13040307)   1427.53825 (13040307)
1248.63522 (13040307)
 4191005.2 | 579.05687 (14122308)   442.24771 (13040307)   982.77628 (13040307)   1451.75743 (13040307)
1396.87357 (13040307)
 4190985.2 | 707.33828 (14122308)   437.68121 (14122308)   860.73264 (13040307)   1437.25523 (13040307)
1540.66972 (13040307)
 4190965.2 | 836.83288 (14122308)   570.85258 (14122308)   726.92708 (13040307)   1382.06321 (13040307)
1655.83768 (13040307)
 4190945.2 | 952.55660 (14122308)   721.83156 (14122308)   585.01451 (13040307)   1287.63353 (13040307)
1745.16801 (13040307)
 4190925.2 | 1106.13748 (13012409)   881.64610 (14122308)   544.85947 (14122308)   1154.28912 (13040307)
1794.69592 (13040307)
 4190905.2 | 1220.04495 (13012409)   1037.10410 (14122308)   720.53225 (14122308)   988.38862 (13040307)
1791.20748 (13040307)
 4190885.2 | 1265.57909 (13012409)   1217.54378 (13012409)   920.29957 (14122308)   801.62952 (13040307)
1723.48413 (13040307)
 4190865.2 | 1219.58595 (13012409)   1381.65769 (13012409)   1127.50171 (14122308)   699.32682 (14122308)
1587.34555 (13040307)
 4190845.2 | 1275.69911 (16121207)   1463.37399 (13012409)   1341.40875 (13012409)   940.48035 (14122308)
1387.83174 (13040307)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: BLPM
***
                               INCLUDING SOURCE(S):   BLPM   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560017.30   560037.30   560057.30   560077.30
560097.30
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 4190825.2 | 1286.38108 (16121207)   1428.91258 (13012409)   1579.65873 (13012409)   1211.11071 (14122308)
1138.99786 (13040307)
 4190805.2 | 1178.65028 (13121607)   1481.62375 (16121207)   1722.87754 (13012409)   1478.19544 (14122308)
928.77484 (14122308)
 4190785.2 | 1104.31624 (13011808)   1490.14837 (16121207)   1709.66553 (13012409)   1816.13450 (13012409)
1275.10807 (14122308)
 4190765.2 | 1420.87614 (13011808)   1357.54913 (13121607)   1747.24495 (16121207)   2054.20961 (13012409)
1654.58611 (14122308)
 4190745.2 | 1629.99592 (13011808)   1452.58933 (13011808)   1738.28513 (16121207)   2085.52616 (13012409)
2099.06346 (13012409)
 4190725.2 | 1972.84775 (13032907)   1798.51483 (13011808)   1557.90399 (13121607)   2114.01318 (16121207)
2496.99832 (13012409)
 4190705.2 | 2086.92494 (13032907)   2121.54541 (13032907)   1932.07417 (13011808)   2083.36046 (16121207)
2621.10329 (13012409)
 4190685.2 | 2015.08234 (16011807)   2437.45816 (13032907)   2255.92308 (13011808)   1989.38195 (13011808)
2622.84007 (16121207)
 4190665.2 | 2160.50048 (15102707)   2290.10125 (16011807)   2833.61931 (13032907)   2579.29172 (13011808)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: BLPM
***
                                INCLUDING SOURCE(S):   BLPM   ,

                                 *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                      ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560117.30   560137.30   560157.30   560177.30
560197.30
 -
- - - - - - - -

 4191625.2 | 346.25358 (16122807)   409.60869 (15011607)   486.78020 (15011607)   489.36289 (15011607)
415.92108 (15011607)
 4191605.2 | 350.73013 (16122807)   413.66952 (15011607)   496.54938 (15011607)   502.16578 (15011607)
427.69946 (15011607)
 4191585.2 | 354.61568 (16122807)   417.41592 (15011607)   506.55326 (15011607)   515.45245 (15011607)
440.05379 (15011607)
 4191565.2 | 356.95083 (16122807)   419.66938 (15011607)   514.85326 (15011607)   527.43925 (15011607)
452.13531 (15011607)
 4191545.2 | 359.90496 (16122807)   422.87844 (15011607)   524.18346 (15011607)   540.75774 (15011607)
465.27194 (15011607)
 4191525.2 | 363.06196 (16122807)   427.02917 (15011607)   534.97303 (15011607)   555.90203 (15011607)
479.56543 (15011607)
 4191505.2 | 364.56288 (16122807)   431.14255 (15011607)   549.20078 (15011607)   575.17879 (15011607)
497.07541 (15011607)
 4191485.2 | 378.88002 (13021507)   435.30006 (15011607)   562.04708 (15011607)   593.50259 (15011607)
513.80253 (15011607)
 4191465.2 | 398.87108 (13021507)   440.75366 (16122807)   573.80469 (15011607)   611.42843 (15011607)
530.66359 (15011607)
 4191445.2 | 417.68829 (13021507)   451.96713 (16122807)   585.18663 (15011607)   629.33551 (15011607)
548.04312 (15011607)
 4191425.2 | 436.63442 (13021507)   462.87172 (16122807)   596.72799 (15011607)   647.97513 (15011607)
566.29008 (15011607)
 4191405.2 | 455.32380 (13021507)   473.38010 (16122807)   608.33063 (15011607)   667.36442 (15011607)
585.46303 (15011607)
 4191385.2 | 485.98705 (14012908)   483.46776 (16122807)   619.86778 (15011607)   687.62858 (15011607)
605.69667 (15011607)
 4191365.2 | 520.89171 (14012908)   492.94459 (16122807)   631.68062 (15011607)   708.78057 (15011607)
627.02568 (15011607)
 4191345.2 | 558.11470 (14012908)   501.69298 (16122807)   643.57079 (15011607)   730.87684 (15011607)
649.60605 (15011607)
 4191325.2 | 597.27764 (14012908)   509.48118 (16122807)   655.26000 (15011607)   753.94380 (15011607)
673.55973 (15011607)
 4191305.2 | 638.71888 (14012908)   516.29157 (16122807)   666.76462 (15011607)   778.03285 (15011607)
698.86866 (15011607)
 4191285.2 | 682.15033 (14012908)   521.74106 (16122807)   678.39265 (15011607)   803.28967 (15011607)
725.79640 (15011607)
 4191265.2 | 727.36484 (14012908)   534.38063 (13021507)   689.82945 (15011607)   829.68757 (15011607)
754.38890 (15011607)
 4191245.2 | 774.44202 (14012908)   566.15310 (13021507)   700.89177 (15011607)   857.15469 (15011607)
784.78385 (15011607)
 4191225.2 | 822.93947 (14012908)   602.92637 (14012908)   711.74142 (15011607)   885.88702 (15011607)
817.14508 (15011607)
 4191205.2 | 872.33241 (14012908)   655.25573 (14012908)   722.04773 (15011607)   916.02926 (15011607)
851.61178 (15011607)

 4191185.2 | 921.96484 (14012908)   711.64033 (14012908)   731.94265 (15011607)   947.55196 (15011607)
888.36819 (15011607)
 4191165.2 | 971.66908 (14012908)   772.40231 (14012908)   740.93051 (15011607)   980.41304 (15011607)
927.71200 (15011607)
 4191145.2 | 1020.38076 (14012908)   837.50858 (14012908)   748.96977 (15011607)   1014.88001 (15011607)
969.85348 (15011607)
 4191125.2 | 1070.91230 (17112408)   907.12744 (14012908)   761.68589 (16122807)   1050.85849 (15011607)
1014.98310 (15011607)
 4191105.2 | 1149.30389 (17112408)   980.54344 (14012908)   783.94474 (16122807)   1088.29185 (15011607)
1063.68716 (15011607)
 4191085.2 | 1226.08662 (17112408)   1058.41506 (14012908)   804.66128 (16122807)   1127.45122 (15011607)
1116.17600 (15011607)
 4191065.2 | 1299.23837 (17112408)   1139.63413 (14012908)   823.02664 (16122807)   1168.07634 (15011607)
1172.92129 (15011607)
 4191045.2 | 1365.82737 (17112408)   1223.16850 (14012908)   857.21944 (14012908)   1210.26280 (15011607)
1234.28830 (15011607)
 4191025.2 | 1422.16769 (17112408)   1308.35896 (14012908)   951.36841 (14012908)   1254.19961 (15011607)
1300.90496 (15011607)
 4191005.2 | 1464.96120 (17112408)   1393.73791 (14012908)   1054.99692 (14012908)   1299.29195 (15011607)
1373.44508 (15011607)
 4190985.2 | 1491.16676 (17112408)   1485.95839 (17112408)   1169.53750 (14012908)   1346.11954 (15011607)
1452.61511 (15011607)
 4190965.2 | 1489.05598 (17112408)   1614.61762 (17112408)   1295.80311 (14012908)   1393.89454 (15011607)
1536.82557 (15011607)
 4190945.2 | 1459.04665 (17112408)   1733.53326 (17112408)   1427.34760 (14012908)   1435.27593 (15011607)
1622.66528 (15011607)
 4190925.2 | 1634.65462 (13040307)   1832.38268 (17112408)   1557.91616 (14012908)   1463.36164 (15011607)
1704.95725 (15011607)
 4190905.2 | 1854.10337 (13040307)   1934.42053 (17112408)   1713.54270 (14012908)   1509.93069 (15011607)
1816.14183 (15011607)
 4190885.2 | 2057.14970 (13040307)   2019.66982 (17112408)   1884.52427 (14012908)   1557.93060 (15011607)
1944.82911 (15011607)
 4190865.2 | 2222.88265 (13040307)   2071.90992 (17112408)   2066.37672 (14012908)   1604.26255 (15011607)
2091.63594 (15011607)
 4190845.2 | 2324.62264 (13040307)   2064.41620 (17112408)   2231.58254 (17112408)   1655.92383 (15011607)
2255.60854 (15011607)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: BLPM
***
                               INCLUDING SOURCE(S):   BLPM   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560117.30   560137.30   560157.30   560177.30
560197.30
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 4190825.2 | 2336.45754 (13040307)   2315.43867 (13040307)   2494.57018 (17112408)   1787.82806 (14012908)
2436.58585 (15011607)
 4190805.2 | 2239.00298 (13040307)   2685.10775 (13040307)   2768.55702 (17112408)   2067.04522 (14012908)
2633.71353 (15011607)
 4190785.2 | 2020.91753 (13040307)   3001.13885 (13040307)   3000.14139 (17112408)   2387.50208 (14012908)
2856.43577 (15011607)
 4190765.2 | 1694.77479 (13040307)   3219.14648 (13040307)   3182.91196 (17112408)   2754.90663 (14012908)
3109.38617 (15011607)
 4190745.2 | 1296.74392 (13040307)   3276.27007 (13040307)   3286.57330 (17112408)   3170.77441 (14012908)
3398.23735 (15011607)
 4190725.2 | 1820.42784 (14122308)   3117.74593 (13040307)   3688.45217 (13040307)   3632.54719 (14012908)

3729.54754 (15011607)
 4190705.2 | 2429.14595 (13012409)   2717.86165 (13040307)   4363.61295 (13040307)   4134.31578 (17112408)
4129.88150 (15011607)
 4190685.2 | 3101.60044 (13012409)   2113.94126 (13040307)   4892.65869 (13040307)   4832.84585 (17112408)
4606.96048 (15011607)
 4190665.2 | 3417.46800 (13012409)   2821.99764 (14122308)   5090.34145 (13040307)   5519.57600 (17112408)
5133.69842 (15011607)
 4190645.2 | 3396.60825 (16121207)   3979.23646 (13012409)   4775.37780 (13040307)   6085.09698 (17112408)
5747.98797 (15011607)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: BLPM
***
                               INCLUDING SOURCE(S):   BLPM   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560217.30   560237.30   560257.30   560277.30
560297.30
 -
- - - - - - - -

 4191625.2 | 420.07273 (13011807)   421.90217 (13011807)   383.21037 (13011807)   315.49470 (16020608)
390.56843 (14012008)
 4191605.2 | 430.46311 (13011807)   431.61351 (13011807)   390.33681 (13011807)   325.92551 (16020608)
406.53403 (14012008)
 4191585.2 | 441.29418 (13011807)   441.70238 (13011807)   397.71382 (13011807)   336.53362 (16020608)
423.14640 (14012008)
 4191565.2 | 452.58986 (13011807)   452.15912 (13011807)   405.22218 (13011807)   350.06682 (14012008)
440.31563 (14012008)
 4191545.2 | 464.38486 (13011807)   463.03545 (13011807)   412.91373 (13011807)   367.00033 (14012008)
458.11164 (14012008)
 4191525.2 | 476.80631 (13011807)   474.47060 (13011807)   420.90795 (13011807)   384.75443 (14012008)
476.46204 (14012008)
 4191505.2 | 490.75904 (13011807)   487.31012 (13011807)   429.79304 (13011807)   404.12285 (14012008)
495.34577 (14012008)
 4191485.2 | 504.61301 (13011807)   499.95984 (13011807)   438.40794 (13011807)   424.19159 (14012008)
514.85663 (14012008)
 4191465.2 | 518.82505 (13011807)   512.84626 (13011807)   447.07408 (13011807)   445.17453 (14012008)
534.81223 (14012008)
 4191445.2 | 533.73877 (13011807)   526.29453 (13011807)   456.08852 (13011807)   467.71457 (14012008)
555.42024 (14012008)
 4191425.2 | 549.39218 (13011807)   540.27524 (13011807)   465.21281 (13011807)   491.10770 (14012008)
576.92999 (14012008)
 4191405.2 | 565.82763 (13011807)   554.87808 (13011807)   474.56455 (13011807)   515.66556 (14012008)
598.98655 (14012008)
 4191385.2 | 583.11459 (13011807)   570.11943 (13011807)   484.11426 (13011807)   541.47614 (14012008)
621.12307 (14012008)
 4191365.2 | 601.32409 (13011807)   586.05949 (13011807)   493.85150 (13011807)   568.41932 (14012008)
643.19340 (14012008)
 4191345.2 | 620.52713 (13011807)   602.72861 (13011807)   503.85572 (13011807)   596.95506 (14012008)
665.25323 (14012008)
 4191325.2 | 640.80708 (13011807)   620.22285 (13011807)   514.15287 (13011807)   626.59739 (14012008)
687.44845 (14012008)
 4191305.2 | 662.24306 (13011807)   638.54963 (13011807)   524.75628 (13011807)   657.44800 (14012008)
724.76549 (15010517)
 4191285.2 | 684.91345 (13011807)   657.69524 (13011807)   535.37167 (13011807)   689.91314 (14012008)
765.29229 (15010517)
 4191265.2 | 708.92015 (13011807)   677.69510 (13011807)   567.72444 (14012008)   723.37680 (14012008)
805.79063 (15010517)

 4191245.2 | 734.39624 (13011807)   698.69837 (13011807)   602.96375 (14012008)   758.37823 (14012008)
845.75199 (15010517)
 4191225.2 | 761.47586 (13011807)   720.83944 (13011807)   640.52203 (14012008)   794.52637 (14012008)
884.36884 (15010517)
 4191205.2 | 790.30626 (13011807)   744.13326 (13011807)   681.40488 (14012008)   831.69761 (14012008)
921.07511 (15010517)
 4191185.2 | 821.04774 (13011807)   768.83646 (13011807)   724.90155 (14012008)   869.92410 (14012008)
955.03102 (15010517)
 4191165.2 | 853.88532 (13011807)   794.57742 (13011807)   771.54407 (14012008)   908.85889 (14012008)
985.12796 (15010517)
 4191145.2 | 889.03260 (13011807)   821.61339 (13011807)   821.51425 (14012008)   948.70046 (14012008)
1010.09581 (15010517)
 4191125.2 | 926.71977 (13011807)   850.01149 (13011807)   875.22944 (14012008)   1008.37664 (15010517)
1028.85084 (15010517)
 4191105.2 | 967.19509 (13011807)   880.19435 (13011807)   932.50291 (14012008)   1078.06144 (15010517)
1039.71845 (15010517)
 4191085.2 | 1010.73395 (13011807)   912.12502 (13011807)   993.57433 (14012008)   1148.12406 (15010517)
1041.48494 (15010517)
 4191065.2 | 1057.65803 (13011807)   945.52352 (13011807)   1058.79942 (14012008)   1217.18377 (15010517)
1033.02268 (15010517)
 4191045.2 | 1108.42203 (13011807)   980.83030 (13011807)   1127.89299 (14012008)   1283.93779 (15010517)
1013.32202 (15010517)
 4191025.2 | 1163.41715 (13011807)   1018.32854 (13011807)   1201.22933 (14012008)   1346.27418 (15010517)
981.34566 (15010517)
 4191005.2 | 1223.25076 (13011807)   1058.09187 (13011807)   1278.36094 (14012008)   1401.54816 (15010517)
935.06874 (15010517)
 4190985.2 | 1288.55479 (13011807)   1099.63137 (13011807)   1359.22371 (14012008)   1445.31697 (15010517)
881.56048 (16012817)
 4190965.2 | 1356.82634 (13011807)   1138.97036 (13011807)   1435.17168 (14012008)   1459.77749 (15010517)
978.64498 (16012817)
 4190945.2 | 1430.15250 (13011807)   1223.76402 (14012008)   1522.51185 (15010517)   1462.90839 (15010517)
1172.64315 (15112108)
 4190925.2 | 1510.73411 (13011807)   1336.78012 (14012008)   1660.61387 (15010517)   1455.43885 (15010517)
1399.08632 (15112108)
 4190905.2 | 1605.50622 (13011807)   1471.42253 (14012008)   1820.72933 (15010517)   1439.44760 (15010517)
1651.36859 (15112108)
 4190885.2 | 1714.44266 (13011807)   1617.98830 (14012008)   1970.71395 (15010517)   1387.78648 (15010517)
1888.10056 (15112108)
 4190865.2 | 1836.77835 (13011807)   1779.44876 (14012008)   2107.03223 (15010517)   1301.13234 (15010517)
2083.82823 (15112108)
 4190845.2 | 1968.38489 (13011807)   1958.31726 (14012008)   2228.30506 (15010517)   1633.64420 (15112108)
2212.49485 (15112108)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: BLPM
***
                                INCLUDING SOURCE(S):   BLPM   ,

                                 *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                      ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560217.30   560237.30   560257.30   560277.30
560297.30
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 4190825.2 | 2116.77167 (13011807)   2157.45226 (14012008)   2324.53709 (15010517)   2014.01503 (15112108)
2470.53970 (14112517)
 4190805.2 | 2285.03402 (13011807)   2378.78334 (14012008)   2383.57663 (15010517)   2412.59397 (15112108)
2729.68080 (14112517)
 4190785.2 | 2476.79202 (13011807)   2623.40645 (14012008)   2403.01840 (15010517)   2812.19360 (15112108)

2897.05749 (14112517)
 4190765.2 | 2697.78691 (13011807)   2900.82143 (14012008)   2359.83609 (15010517)   3104.93196 (15112108)
2872.23466 (14112517)
 4190745.2 | 2956.21713 (13011807)   3323.72763 (15010517)   2484.23280 (15112108)   3536.56504 (14112517)
2643.29728 (16112517)
 4190725.2 | 3255.73721 (13011807)   3769.51950 (15010517)   3234.85640 (15112108)   3966.76632 (14112517)
2642.76520 (16112517)
 4190705.2 | 3623.98324 (13011807)   4228.37200 (15010517)   4036.07440 (15112108)   4130.68328 (14112517)
3449.38004 (15021907)
 4190685.2 | 4067.89400 (13011807)   4655.25793 (15010517)   4735.44526 (15112108)   3887.72443 (14112517)
4346.18395 (15021907)
 4190665.2 | 4590.85393 (13011807)   4975.12392 (15010517)   5623.60415 (14112517)   3824.12693 (15021907)
4920.74887 (13121417)
 4190645.2 | 5236.26770 (13011807)   5098.76070 (15010517)   6433.13677 (14112517)   5562.40916 (15021907)
5313.13649 (13121308)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: BLPM
***
                                INCLUDING SOURCE(S):   BLPM   ,

                                 *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                      ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560317.30   560337.30   560357.30   560377.30
560397.30
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 4191625.2 | 445.37122 (14012008)   477.49488 (15010517)   490.24342 (15010517)   409.31081 (15010517)
280.09150 (15010517)
 4191605.2 | 458.91714 (14012008)   495.17020 (15010517)   495.34890 (15010517)   401.90714 (15010517)
265.80758 (15010517)
 4191585.2 | 472.58616 (14012008)   512.10412 (15010517)   497.70620 (15010517)   392.02860 (15010517)
272.98677 (14011607)
 4191565.2 | 486.30576 (14012008)   528.78471 (15010517)   499.92969 (15010517)   380.59530 (15010517)
293.05697 (16012817)
 4191545.2 | 500.00666 (14012008)   544.65306 (15010517)   500.29531 (15010517)   367.75979 (15010517)
315.40200 (16012817)
 4191525.2 | 513.71114 (14012008)   559.63372 (15010517)   498.53046 (15010517)   353.53643 (15010517)
337.65203 (16012817)
 4191505.2 | 527.40218 (14012008)   573.28236 (15010517)   494.25807 (15010517)   337.79145 (15010517)
358.56165 (16012817)
 4191485.2 | 550.63445 (15010517)   585.25720 (15010517)   487.84737 (15010517)   320.61693 (15010517)
377.51860 (16012817)
 4191465.2 | 576.71898 (15010517)   595.57192 (15010517)   479.08572 (15010517)   321.92748 (16012817)
393.72331 (16012817)
 4191445.2 | 602.62066 (15010517)   603.58509 (15010517)   467.81587 (15010517)   350.80364 (16012817)
424.88649 (15112108)
 4191425.2 | 628.79548 (15010517)   609.12282 (15010517)   453.82087 (15010517)   379.30979 (16012817)
474.36933 (15112108)
 4191405.2 | 654.95541 (15010517)   612.23009 (15010517)   437.73780 (15010517)   406.79481 (16012817)
525.56627 (15112108)
 4191385.2 | 681.52054 (15010517)   615.55282 (15010517)   421.32930 (15010517)   433.46431 (16012817)
579.66699 (15112108)
 4191365.2 | 704.95673 (15010517)   612.73465 (15010517)   400.75724 (15010517)   456.06837 (16012817)
632.85986 (15112108)
 4191345.2 | 725.78111 (15010517)   605.40333 (15010517)   395.23198 (16012817)   501.97242 (15112108)
682.62088 (15112108)
 4191325.2 | 744.21545 (15010517)   594.49295 (15010517)   432.85174 (16012817)   564.90524 (15112108)
726.23509 (15112108)

 4191305.2 | 759.70023 (15010517)   579.71882 (15010517)   469.58349 (16012817)   630.17601 (15112108)
762.33394 (15112108)
 4191285.2 | 771.82174 (15010517)   560.60066 (15010517)   503.96259 (16012817)   696.06952 (15112108)
789.32031 (15112108)
 4191265.2 | 779.62893 (15010517)   537.68244 (15010517)   534.46014 (16012817)   760.13885 (15112108)
804.50937 (15112108)
 4191245.2 | 782.57828 (15010517)   510.67187 (15010517)   598.82402 (15112108)   819.03274 (15112108)
808.25940 (14112517)
 4191225.2 | 780.10542 (15010517)   496.02060 (16012817)   680.53713 (15112108)   869.98768 (15112108)
876.06988 (14112517)
 4191205.2 | 771.99220 (15010517)   546.39807 (16012817)   765.09167 (15112108)   909.46527 (15112108)
936.41626 (14112517)
 4191185.2 | 757.73019 (15010517)   594.64407 (16012817)   850.04728 (15112108)   934.48284 (15112108)
985.10385 (14112517)
 4191165.2 | 736.89999 (15010517)   638.33092 (16012817)   931.19316 (15112108)   941.11564 (15112108)
1019.24355 (14112517)
 4191145.2 | 709.18908 (15010517)   730.59294 (15112108)   1003.74859 (15112108)   1024.48546 (14112517)
1034.13644 (14112517)
 4191125.2 | 674.58755 (15010517)   839.88697 (15112108)   1062.84222 (15112108)   1099.60440 (14112517)
1026.63192 (14112517)
 4191105.2 | 645.69743 (16012817)   953.88223 (15112108)   1103.23047 (15112108)   1158.76634 (14112517)
993.43201 (14112517)
 4191085.2 | 716.19852 (16012817)   1067.25353 (15112108)   1119.26745 (15112108)   1196.30274 (14112517)
936.12542 (14112517)
 4191065.2 | 781.78260 (16012817)   1172.76965 (15112108)   1221.43076 (14112517)   1206.62933 (14112517)
928.18574 (16112517)
 4191045.2 | 916.95850 (15112108)   1263.16419 (15112108)   1317.55021 (14112517)   1184.00351 (14112517)
971.76954 (16112517)
 4191025.2 | 1071.18101 (15112108)   1329.27023 (15112108)   1390.44551 (14112517)   1126.46178 (14112517)
959.77395 (16112517)
 4191005.2 | 1229.39234 (15112108)   1359.52718 (15112108)   1428.08587 (14112517)   1064.73636 (16112517)
883.42995 (16112517)
 4190985.2 | 1380.40256 (15112108)   1484.02716 (14112517)   1421.05981 (14112517)   1117.74274 (16112517)
929.65688 (15021907)
 4190965.2 | 1509.56224 (15112108)   1599.83646 (14112517)   1361.56562 (14112517)   1101.28625 (16112517)
1162.60099 (15021907)
 4190945.2 | 1611.70378 (15112108)   1682.75587 (14112517)   1257.92926 (14112517)   1003.80218 (16112517)
1383.30077 (15021907)
 4190925.2 | 1673.76559 (15112108)   1719.43481 (14112517)   1312.28356 (16112517)   1189.25061 (15021907)
1552.19767 (15021907)
 4190905.2 | 1865.90220 (14112517)   1704.34286 (14112517)   1310.90458 (16112517)   1490.65063 (15021907)
1683.76009 (13121417)
 4190885.2 | 2047.16970 (14112517)   1606.11708 (14112517)   1198.85122 (15021907)   1744.88784 (15021907)
1769.67781 (13121417)
 4190865.2 | 2161.24796 (14112517)   1607.55702 (16112517)   1575.58899 (15021907)   1897.88540 (13121417)
1839.61028 (13121308)
 4190845.2 | 2184.31082 (14112517)   1594.99340 (16112517)   1937.74974 (15021907)   2052.95475 (13121417)
1901.31044 (13121308)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: BLPM
***
                               INCLUDING SOURCE(S):   BLPM   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560317.30   560337.30   560357.30   560377.30
560397.30
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 4190825.2 | 2096.91162 (14112517)   1626.46398 (15021907)   2200.51499 (15021907)   2128.98753 (13121308)
1942.72018 (15020707)
 4190805.2 | 2018.03174 (16112517)   2145.47582 (15021907)   2432.00856 (13121417)   2230.13012 (13121308)
2016.78297 (13122017)
 4190785.2 | 2014.84589 (16112517)   2576.64998 (15021907)   2507.54849 (13121308)   2278.82763 (15020707)
1946.63956 (15010507)
 4190765.2 | 2307.61886 (15021907)   2891.38332 (13121417)   2647.05025 (13121308)   2310.28262 (13122017)
1933.46321 (15010507)
 4190745.2 | 3000.01411 (15021907)   3001.75300 (13121308)   2698.43924 (15020707)   2299.83310 (15010507)
2188.71841 (17031607)
 4190725.2 | 3479.47012 (13121417)   3219.63807 (13121308)   2641.49292 (13122017)   2149.56432 (15010507)
2499.83854 (17031607)
 4190705.2 | 3745.24438 (13121417)   3327.66552 (13122017)   2718.26824 (15010507)   2899.04151 (17031607)
2842.62949 (15020708)
 4190685.2 | 4045.60142 (13121308)   3285.72894 (15010507)   3158.27576 (17031607)   2965.16409 (15020708)
3717.18453 (15012009)
 4190665.2 | 4210.06783 (13122017)   3180.45976 (15010507)   3249.39106 (17031607)   4102.50290 (15012009)
4058.07317 (15012009)
 4190645.2 | 4204.23714 (15010507)   4173.62932 (17031607)   4713.94579 (15020708)   4754.11251 (15012009)
3653.22598 (16122217)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: BLPM
***
                               INCLUDING SOURCE(S):   BLPM   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560417.30   560437.30   560457.30   560477.30
560497.30
 -
- - - - - - - -

 4191625.2 | 304.21679 (16012817)   358.00892 (15112108)   460.69352 (15112108)   490.07093 (15112108)
482.17492 (14112517)
 4191605.2 | 320.65345 (16012817)   392.61044 (15112108)   486.24931 (15112108)   495.60849 (15112108)
508.15719 (14112517)
 4191585.2 | 335.37504 (16012817)   427.85613 (15112108)   508.81195 (15112108)   495.99611 (15112108)
531.21429 (14112517)
 4191565.2 | 346.86114 (16012817)   461.35640 (15112108)   525.35301 (15112108)   498.81407 (14112517)
548.36687 (14112517)
 4191545.2 | 367.97523 (15112108)   494.25910 (15112108)   537.92966 (15112108)   530.40554 (14112517)
561.41771 (14112517)
 4191525.2 | 408.22761 (15112108)   526.00978 (15112108)   546.26713 (15112108)   560.19539 (14112517)
570.28601 (14112517)
 4191505.2 | 449.75677 (15112108)   554.69502 (15112108)   548.41991 (15112108)   586.23466 (14112517)
572.78832 (14112517)
 4191485.2 | 492.02130 (15112108)   578.83007 (15112108)   552.81074 (14112517)   607.12951 (14112517)
568.79414 (14112517)
 4191465.2 | 534.00696 (15112108)   597.74469 (15112108)   591.03388 (14112517)   622.43193 (14112517)
557.23195 (14112517)
 4191445.2 | 574.27845 (15112108)   610.16907 (15112108)   625.77135 (14112517)   630.54413 (14112517)
536.78939 (14112517)
 4191425.2 | 611.10532 (15112108)   614.97690 (15112108)   655.52475 (14112517)   630.94765 (14112517)
510.36068 (14112517)
 4191405.2 | 643.33025 (15112108)   619.16731 (14112517)   678.97514 (14112517)   622.30189 (14112517)
478.13882 (14112517)
 4191385.2 | 671.61420 (15112108)   665.75285 (14112517)   695.09751 (14112517)   604.69620 (14112517)
506.99078 (16112517)

 4191365.2 | 691.99845 (15112108)   708.35139 (14112517)   703.58851 (14112517)   579.04772 (14112517)
532.24678 (16112517)
 4191345.2 | 702.15728 (15112108)   744.48909 (14112517)   702.25621 (14112517)   545.75492 (14112517)
542.56493 (16112517)
 4191325.2 | 705.70885 (14112517)   770.58911 (14112517)   685.39622 (14112517)   554.03700 (16112517)
533.54594 (16112517)
 4191305.2 | 760.83863 (14112517)   787.27120 (14112517)   659.27203 (14112517)   584.06177 (16112517)
505.84868 (16112517)
 4191285.2 | 810.42238 (14112517)   793.10805 (14112517)   624.84870 (14112517)   597.02299 (16112517)
462.01853 (16112517)
 4191265.2 | 851.22093 (14112517)   784.96754 (14112517)   611.24553 (16112517)   588.60617 (16112517)
430.62091 (15021907)
 4191245.2 | 881.59427 (14112517)   761.65367 (14112517)   650.92298 (16112517)   558.09512 (16112517)
526.01664 (15021907)
 4191225.2 | 898.14196 (14112517)   723.84849 (14112517)   668.26424 (16112517)   507.10664 (16112517)
626.07219 (15021907)
 4191205.2 | 898.81321 (14112517)   676.10012 (16112517)   659.12731 (16112517)   517.09556 (15021907)
724.74569 (15021907)
 4191185.2 | 880.62756 (14112517)   726.03417 (16112517)   621.07586 (16112517)   630.51246 (15021907)
812.64115 (15021907)
 4191165.2 | 843.73735 (14112517)   749.15330 (16112517)   557.54252 (16112517)   746.08958 (15021907)
878.12984 (15021907)
 4191145.2 | 789.11433 (14112517)   739.09808 (16112517)   623.57817 (15021907)   855.53573 (15021907)
914.59373 (15021907)
 4191125.2 | 816.55478 (16112517)   692.78385 (16112517)   758.02796 (15021907)   944.49758 (15021907)
979.59228 (13121417)
 4191105.2 | 848.07790 (16112517)   614.54260 (16112517)   891.76911 (15021907)   1000.29411 (15021907)
998.64189 (13121417)
 4191085.2 | 837.25138 (16112517)   760.48195 (15021907)   1009.37050 (15021907)   1064.22296 (13121417)
990.66177 (13121308)
 4191065.2 | 779.87266 (16112517)   920.84115 (15021907)   1092.47192 (15021907)   1100.55635 (13121417)
1058.87714 (13121308)
 4191045.2 | 749.27897 (15021907)   1072.57419 (15021907)   1156.60583 (13121417)   1076.96208 (13121308)
1066.02205 (13121308)
 4191025.2 | 937.20426 (15021907)   1188.85346 (15021907)   1216.72680 (13121417)   1161.96974 (13121308)
1052.16906 (15020707)
 4191005.2 | 1123.71856 (15021907)   1248.65211 (13121417)   1192.53483 (13121417)   1172.72585 (13121308)
1088.77768 (15020707)
 4190985.2 | 1280.83908 (15021907)   1337.88124 (13121417)   1276.53965 (13121308)   1160.07050 (15020707)
1118.41938 (13122017)
 4190965.2 | 1387.17589 (15021907)   1339.16003 (13121417)   1296.28038 (13121308)   1189.77793 (13122017)
1038.78840 (15010507)
 4190945.2 | 1497.18838 (13121417)   1428.30009 (13121308)   1302.17745 (15020707)   1228.88760 (13122017)
1092.50804 (15010507)
 4190925.2 | 1537.35372 (13121417)   1463.89364 (13121308)   1354.64700 (13122017)   1175.94945 (15010507)
1072.54735 (15010507)
 4190905.2 | 1614.49162 (13121308)   1477.59296 (15020707)   1352.06424 (13122017)   1210.01434 (15010507)
969.69228 (15010507)
 4190885.2 | 1657.95901 (13121308)   1533.97760 (13122017)   1331.02230 (15010507)   1146.94631 (15010507)
1264.17582 (17031607)
 4190865.2 | 1680.98120 (15020707)   1471.71807 (13122017)   1332.85260 (15010507)   1236.35828 (17031607)
1410.64741 (17031607)
 4190845.2 | 1746.28908 (13122017)   1507.98887 (15010507)   1211.47706 (15010507)   1538.49049 (17031607)
1234.45923 (17031607)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: BLPM
***
                                INCLUDING SOURCE(S):   BLPM   ,

                                 *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                      ** CONC OF PM_10   IN MICROGRAMS/M**3   **

```
  Y-COORD  |                                                X-COORD (METERS)
  (METERS) |       560417.30              560437.30              560457.30              560477.30
560497.30
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

 4190825.2 |   1654.42928 (15010507)   1457.04106 (15010507)   1610.02197 (17031607)   1470.50452 (17031607)
1624.51294 (15020708)
 4190805.2 |   1713.80192 (15010507)   1614.84434 (17031607)   1715.68822 (17031607)   1667.97808 (15020708)
1959.88172 (15020708)
 4190785.2 |   1574.03210 (15010507)   1944.23896 (17031607)   1688.17992 (15020708)   2131.07548 (15020708)
2345.07904 (15012009)
 4190765.2 |   2119.48804 (17031607)   1680.69014 (15020708)   2311.63289 (15020708)   2555.97745 (15012009)
2187.83414 (15012009)
 4190745.2 |   2070.61895 (17031607)   2498.65013 (15020708)   2795.59491 (15012009)   2432.26301 (15012009)
2036.72363 (16122217)
 4190725.2 |   2678.75560 (15020708)   3066.66638 (15012009)   2724.66381 (15012009)   2258.45300 (16122217)
2218.00695 (16120517)
 4190705.2 |   3372.13200 (15012009)   3078.80037 (15012009)   2519.93950 (16122217)   2463.74448 (16120517)
2281.42952 (14012907)
 4190685.2 |   3513.74121 (15012009)   2830.43980 (16122217)   2731.90122 (16120517)   2606.50250 (14012907)
2248.95848 (14012907)
 4190665.2 |   3202.86844 (16122217)   3018.34605 (16120517)   2939.62838 (14012907)   2537.30807 (14010709)
2269.72312 (14010709)
 4190645.2 |   3309.64269 (16120517)   3248.16304 (14012907)   2922.92358 (14010709)   2553.53436 (13011717)
2759.05184 (13011717)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

PAGE  1028
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

                           *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  BLPM
***
                               INCLUDING SOURCE(S):     BLPM        ,

                                *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10    IN MICROGRAMS/M**3                          **

  Y-COORD  |                                                X-COORD (METERS)
  (METERS) |       560517.30              560537.30              560557.30              560577.30
560597.30
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

 4191625.2 |    512.22842 (14112517)    476.64148 (14112517)    388.09280 (14112517)    375.98631 (16112517)
357.36536 (16112517)
 4191605.2 |    521.28922 (14112517)    466.16191 (14112517)    364.80108 (14112517)    386.72369 (16112517)
342.75383 (16112517)
 4191585.2 |    524.85138 (14112517)    449.48274 (14112517)    379.64344 (16112517)    388.04172 (16112517)
319.62367 (16112517)
 4191565.2 |    521.51946 (14112517)    428.20714 (14112517)    399.81868 (16112517)    380.65746 (16112517)
290.96127 (16112517)
 4191545.2 |    512.61862 (14112517)    403.94190 (14112517)    413.49146 (16112517)    365.22630 (16112517)
258.28210 (16112517)
 4191525.2 |    498.90901 (14112517)    406.37586 (16112517)    418.68359 (16112517)    341.64820 (16112517)
293.38346 (15021907)
 4191505.2 |    478.92094 (14112517)    432.03922 (16112517)    412.16761 (16112517)    310.14084 (16112517)
345.04036 (15021907)
 4191485.2 |    454.42405 (14112517)    449.20910 (16112517)    394.92747 (16112517)    281.70000 (15021907)
399.49009 (15021907)
 4191465.2 |    438.29481 (16112517)    455.64341 (16112517)    367.28479 (16112517)    337.01952 (15021907)
453.07237 (15021907)
 4191445.2 |    467.71181 (16112517)    447.35747 (16112517)    330.54637 (16112517)    396.46194 (15021907)
504.80064 (15021907)
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 4191425.2 | 487.00112 (16112517)   427.27583 (16112517)   326.38991 (15021907)   457.22966 (15021907)
549.83563 (15021907)
 4191405.2 | 494.37499 (16112517)   395.99996 (16112517)   391.20140 (15021907)   517.50399 (15021907)
585.17011 (15021907)
 4191385.2 | 486.53791 (16112517)   352.93187 (16112517)   458.22046 (15021907)   571.74149 (15021907)
605.35589 (15021907)
 4191365.2 | 463.34887 (16112517)   379.30673 (15021907)   524.95109 (15021907)   614.55367 (15021907)
629.67450 (13121417)
 4191345.2 | 426.10455 (16112517)   453.44758 (15021907)   588.43892 (15021907)   641.96661 (15021907)
654.78737 (13121417)
 4191325.2 | 377.46999 (16112517)   529.50008 (15021907)   642.84431 (15021907)   661.62408 (13121417)
659.41671 (13121417)
 4191305.2 | 444.75998 (15021907)   604.10735 (15021907)   682.38388 (15021907)   697.91279 (13121417)
638.68778 (13121417)
 4191285.2 | 530.39590 (15021907)   671.47182 (15021907)   702.94692 (15021907)   709.70538 (13121417)
680.51102 (13121308)
 4191265.2 | 616.59392 (15021907)   724.21283 (15021907)   744.28976 (13121417)   692.86062 (13121417)
707.34442 (13121308)
 4191245.2 | 698.43928 (15021907)   756.23809 (15021907)   764.92237 (13121417)   727.16524 (13121308)
706.73675 (13121308)
 4191225.2 | 766.60714 (15021907)   794.04904 (13121417)   753.33248 (13121417)   759.09271 (13121308)
674.99632 (13121308)
 4191205.2 | 813.07004 (15021907)   826.36951 (13121417)   779.63032 (13121308)   759.65361 (13121308)
721.83270 (15020707)
 4191185.2 | 847.15243 (13121417)   821.41436 (13121417)   817.71789 (13121308)   729.45094 (15020707)
724.01647 (13122017)
 4191165.2 | 894.91229 (13121417)   838.68894 (13121308)   819.71324 (13121308)   778.34411 (15020707)
750.31161 (13122017)
 4191145.2 | 906.22963 (13121417)   886.07941 (13121308)   792.50467 (15020707)   786.90331 (13122017)
711.35495 (13122017)
 4191125.2 | 912.67223 (13121308)   891.76818 (13121308)   840.96901 (15020707)   800.46178 (13122017)
711.30986 (15010507)
 4191105.2 | 969.48364 (13121308)   871.94503 (15020707)   858.00434 (13122017)   735.96483 (13122017)
725.78466 (15010507)
 4191085.2 | 976.27762 (13121308)   922.56412 (15020707)   864.98426 (13122017)   775.31234 (15010507)
711.46435 (15010507)
 4191065.2 | 958.78953 (15020707)   946.32541 (13122017)   811.72480 (15010507)   781.93319 (15010507)
656.98903 (15010507)
 4191045.2 | 1000.80127 (15020707)   922.20245 (13122017)   844.91154 (15010507)   747.11133 (15010507)
669.62774 (17031607)
 4191025.2 | 1025.62999 (13122017)   894.00275 (15010507)   832.68455 (15010507)   669.38823 (15010507)
855.93863 (17031607)
 4191005.2 | 971.73431 (13122017)   916.43966 (15010507)   775.13546 (15010507)   842.18489 (17031607)
945.24773 (17031607)
 4190985.2 | 987.19470 (15010507)   885.63015 (15010507)   807.25005 (17031607)   995.58343 (17031607)
887.11870 (17031607)
 4190965.2 | 992.58385 (15010507)   797.73848 (15010507)   1024.32787 (17031607)   991.21559 (17031607)
782.63693 (15020708)
 4190945.2 | 931.41374 (15010507)   1022.28705 (17031607)   1091.93374 (17031607)   818.21500 (17031607)
1085.42897 (15020708)
 4190925.2 | 986.43793 (17031607)   1178.93405 (17031607)   958.80497 (17031607)   1099.51602 (15020708)
1289.17991 (15020708)
 4190905.2 | 1240.83827 (17031607)   1110.19449 (17031607)   1108.17781 (15020708)   1357.69276 (15020708)
1434.59524 (15012009)
 4190885.2 | 1265.45840 (17031607)   1106.17675 (15020708)   1427.21119 (15020708)   1496.15024 (15012009)
1592.18480 (15012009)
 4190865.2 | 1090.89385 (15020708)   1495.41263 (15020708)   1566.21295 (15012009)   1704.30675 (15012009)
1399.53789 (15012009)
 4190845.2 | 1566.05948 (15020708)   1651.88959 (15020708)   1841.42182 (15012009)   1515.32376 (15012009)
1305.88589 (16122217)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: BLPM

***
INCLUDING SOURCE(S): BLPM ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	560517.30	560537.30	560557.30	560577.30	560597.30
4190825.2	1801.27326 (15020708)	1991.58405 (15012009)	1650.77359 (15012009)	1415.82815 (16122217)	1366.11132 (16122217)
4190805.2	2157.73445 (15012009)	1803.63669 (15012009)	1540.19349 (16122217)	1469.16860 (16120517)	1498.20667 (16120517)
4190785.2	1980.84096 (15012009)	1682.71225 (16122217)	1624.72432 (16120517)	1593.97529 (16120517)	1529.14486 (14012907)
4190765.2	1846.76399 (16122217)	1799.93938 (16120517)	1688.09980 (16120517)	1694.78430 (14012907)	1568.57530 (14012907)
4190745.2	1997.22656 (16120517)	1776.18586 (16120517)	1861.75671 (14012907)	1611.29762 (14012907)	1603.96673 (14010709)
4190725.2	1980.74128 (14012907)	2020.68909 (14012907)	1727.58883 (14010709)	1713.82293 (14010709)	1459.34091 (13121017)
4190705.2	2156.65007 (14012907)	1987.27387 (14010709)	1753.99122 (13121017)	1775.18598 (13011717)	1856.01825 (13011717)
4190685.2	2187.78772 (14010709)	1861.77830 (15120217)	2108.72847 (13011717)	1922.99264 (13011717)	1531.88516 (13011617)
4190665.2	2356.09156 (13011717)	2304.99652 (13011717)	1830.91521 (13011617)	1341.58849 (13011617)	1116.65636 (14111317)
4190645.2	2256.12018 (13011717)	1647.22510 (13011617)	1292.62046 (14111317)	1471.59748 (17122817)	1671.34064 (13121117)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BLPM ***
INCLUDING SOURCE(S): BLPM ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	560617.30	560637.30	560657.30	560677.30	560697.30
4191625.2	276.82430 (16112517)	266.41033 (15021907)	354.17048 (15021907)	420.09886 (15021907)	441.68038 (15021907)
4191605.2	247.06448 (16112517)	308.87388 (15021907)	393.82930 (15021907)	444.60908 (15021907)	447.04863 (13121417)
4191585.2	255.41778 (15021907)	351.71882 (15021907)	427.53764 (15021907)	459.69561 (15021907)	466.85941 (13121417)
4191565.2	300.62882 (15021907)	393.79416 (15021907)	456.98440 (15021907)	467.19603 (15021907)	477.91982 (13121417)
4191545.2	349.12496 (15021907)	437.01695 (15021907)	481.03683 (15021907)	488.30894 (13121417)	480.82636 (13121417)
4191525.2	398.99728 (15021907)	476.17523 (15021907)	496.81851 (15021907)	508.98482 (13121417)	471.42428 (13121417)
4191505.2	447.20758 (15021907)	505.51996 (15021907)	513.09422 (13121417)	513.13318 (13121417)	484.44910 (13121308)

 4191485.2 | 491.14547 (15021907)   524.67109 (15021907)   535.64734 (13121417)   501.46396 (13121417)
508.92402 (13121308)
 4191465.2 | 527.69351 (15021907)   535.97259 (13121417)   543.55878 (13121417)   507.72169 (13121308)
520.23248 (13121308)
 4191445.2 | 553.42398 (15021907)   564.69927 (13121417)   535.07126 (13121417)   536.58297 (13121308)
517.36997 (13121308)
 4191425.2 | 567.66168 (15021907)   579.02199 (13121417)   535.24671 (13121308)   551.34154 (13121308)
497.54570 (13121308)
 4191405.2 | 598.08675 (13121417)   575.46727 (13121417)   568.83247 (13121308)   548.47530 (13121308)
519.07767 (15020707)
 4191385.2 | 617.69926 (13121417)   565.61580 (13121308)   585.31206 (13121308)   526.62476 (13121308)
536.11368 (15020707)
 4191365.2 | 616.53642 (13121417)   603.18362 (13121308)   582.44843 (13121308)   552.15288 (15020707)
537.40932 (13122017)
 4191345.2 | 596.95834 (13121308)   622.46570 (13121308)   558.65987 (13121308)   566.57076 (15020707)
550.67006 (13122017)
 4191325.2 | 640.04504 (13121308)   620.20679 (13121308)   589.40031 (15020707)   574.24545 (13122017)
530.37005 (13122017)
 4191305.2 | 662.21101 (13121308)   593.49064 (13121308)   601.50327 (15020707)   582.33499 (13122017)
507.08021 (15010507)
 4191285.2 | 659.81504 (13121308)   626.98778 (15020707)   612.19333 (13122017)   551.48426 (13122017)
527.22277 (15010507)
 4191265.2 | 631.38459 (13121308)   636.36961 (15020707)   614.06680 (13122017)   545.33008 (15010507)
531.83330 (15010507)
 4191245.2 | 671.79692 (15020707)   655.23300 (13122017)   569.44334 (13122017)   562.00509 (15010507)
517.61332 (15010507)
 4191225.2 | 677.27872 (15020707)   645.92754 (13122017)   586.33321 (15010507)   559.60035 (15010507)
484.52019 (15010507)
 4191205.2 | 700.78969 (13122017)   602.70108 (15010507)   597.92435 (15010507)   536.18116 (15010507)
436.42736 (15010507)
 4191185.2 | 678.64329 (13122017)   630.41205 (15010507)   586.74420 (15010507)   492.60502 (15010507)
519.03485 (17031607)
 4191165.2 | 654.82447 (15010507)   635.18020 (15010507)   551.70794 (15010507)   488.37964 (17031607)
630.69421 (17031607)
 4191145.2 | 678.41221 (15010507)   613.08031 (15010507)   496.69959 (15010507)   622.56360 (17031607)
686.38519 (17031607)
 4191125.2 | 671.87968 (15010507)   562.24918 (15010507)   598.05081 (17031607)   708.56919 (17031607)
662.89810 (17031607)
 4191105.2 | 632.19983 (15010507)   554.35683 (17031607)   714.44420 (17031607)   712.40331 (17031607)
562.93389 (17031607)
 4191085.2 | 572.18114 (15010507)   723.24654 (17031607)   769.61019 (17031607)   639.70087 (17031607)
597.46298 (15020708)
 4191065.2 | 708.49691 (17031607)   817.33569 (17031607)   720.72280 (17031607)   585.82795 (15020708)
786.75109 (15020708)
 4191045.2 | 843.35144 (17031607)   798.62841 (17031607)   580.13817 (17031607)   795.73889 (15020708)
923.07776 (15020708)
 4191025.2 | 878.36074 (17031607)   677.42761 (17031607)   804.45921 (15020708)   964.96430 (15020708)
960.65744 (15020708)
 4191005.2 | 779.21356 (17031607)   804.56241 (15020708)   1002.61674 (15020708)   1021.38858 (15020708)
1131.19028 (15012009)
 4190985.2 | 797.41198 (15020708)   1034.10924 (15020708)   1084.51815 (15020708)   1186.22025 (15012009)
1153.74015 (15012009)
 4190965.2 | 1062.32778 (15020708)   1151.07420 (15020708)   1243.01614 (15012009)   1225.42548 (15012009)
986.91904 (15012009)
 4190945.2 | 1219.19377 (15020708)   1304.69880 (15012009)   1304.22468 (15012009)   1052.53740 (15012009)
919.81577 (14122009)
 4190925.2 | 1367.52476 (15012009)   1391.11621 (15012009)   1125.07713 (15012009)   977.35447 (16122217)
1021.89383 (16122217)
 4190905.2 | 1487.20948 (15012009)   1206.25323 (15012009)   1046.42481 (16122217)   1080.69827 (16122217)
1065.70924 (16120517)
 4190885.2 | 1297.58030 (15012009)   1123.42155 (16122217)   1144.10872 (16122217)   1143.03920 (16120517)
1074.43139 (16120517)
 4190865.2 | 1209.65390 (16122217)   1212.71801 (16122217)   1225.08520 (16120517)   1114.49353 (16120517)
1120.89850 (14012907)
 4190845.2 | 1286.57666 (16122217)   1312.45034 (16120517)   1150.35362 (16120517)   1219.75007 (14012907)
1170.36604 (14012907)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BLPM ***

INCLUDING SOURCE(S): BLPM ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	560617.30	560637.30	560657.30	560677.30	560697.30
4190825.2	1403.85898 (16120517)	1222.79503 (14012907)	1318.58385 (14012907)	1208.45685 (14012907)	1102.47299 (14010709)
4190805.2	1370.68103 (14012907)	1413.73313 (14012907)	1229.78072 (14012907)	1225.82711 (14010709)	1153.06741 (14010709)
4190785.2	1499.36516 (14012907)	1263.26997 (14010709)	1326.40039 (14010709)	1178.83261 (13121017)	1123.37371 (15120217)
4190765.2	1445.00744 (14010709)	1388.12408 (14010709)	1207.94711 (13121017)	1326.87085 (13011717)	1364.24772 (13011717)
4190745.2	1417.58237 (13121017)	1384.22990 (13011717)	1511.25385 (13011717)	1407.81468 (13011717)	1176.34580 (13011617)
4190725.2	1653.91354 (13011717)	1619.62738 (13011717)	1351.35655 (13011717)	1103.53771 (13011617)	792.59182 (13011617)
4190705.2	1608.46225 (13011717)	1294.26882 (13011617)	932.78304 (13011617)	866.34671 (14111317)	922.92526 (17122817)
4190685.2	1110.74150 (13011617)	978.04352 (14111317)	1066.41240 (17122817)	1200.55520 (13121117)	1284.51089 (13121117)
4190665.2	1244.99796 (17122817)	1410.49251 (13121117)	1467.19655 (13121117)	1376.68772 (13121117)	1243.16885 (14121317)
4190645.2	1676.68925 (13121117)	1503.33121 (13121117)	1504.51526 (13012308)	1524.88656 (13012308)	1441.62842 (13012308)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BLPM ***

INCLUDING SOURCE(S): BLPM ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	560717.30	560737.30	560757.30	560777.30	560797.30
4191625.2	450.09317 (13121417)	431.44515 (13121417)	420.06734 (13121308)	423.92635 (13121308)	386.37454 (13121308)
4191605.2	457.28292 (13121417)	413.07260 (13121417)	435.71927 (13121308)	418.39430 (13121308)	390.05265 (15020707)
4191585.2	451.20734 (13121417)	436.89087 (13121308)	441.04215 (13121308)	402.72123 (13121308)	408.31529 (15020707)
4191565.2	438.08067 (13121417)	455.58805 (13121308)	438.03463 (13121308)	407.85373 (15020707)	410.81347 (15020707)

 4191545.2 | 459.11925 (13121308)   465.81479 (13121308)   422.34414 (13121308)   427.11437 (15020707)
415.56008 (13122017)
 4191525.2 | 482.38584 (13121308)   463.29557 (13121308)   434.37284 (15020707)   430.31243 (15020707)
424.23542 (13122017)
 4191505.2 | 493.56313 (13121308)   446.77096 (13121308)   453.67787 (15020707)   441.26971 (13122017)
413.34749 (13122017)
 4191485.2 | 489.80910 (13121308)   461.06132 (15020707)   454.50596 (15020707)   448.18667 (13122017)
382.64396 (13122017)
 4191465.2 | 471.16279 (13121308)   480.30661 (15020707)   468.94808 (13122017)   430.22376 (13122017)
401.62072 (15010507)
 4191445.2 | 487.95054 (15020707)   477.20787 (15020707)   469.94791 (13122017)   408.38614 (15010507)
411.22290 (15010507)
 4191425.2 | 505.79746 (15020707)   494.25071 (13122017)   445.17089 (13122017)   425.53092 (15010507)
411.28909 (15010507)
 4191405.2 | 502.98070 (13122017)   489.46272 (13122017)   434.91972 (15010507)   433.11456 (15010507)
399.84648 (15010507)
 4191385.2 | 522.05014 (13122017)   455.29302 (13122017)   450.15934 (15010507)   427.78951 (15010507)
376.48968 (15010507)
 4191365.2 | 509.95415 (13122017)   464.05057 (15010507)   453.70646 (15010507)   410.75653 (15010507)
344.70651 (15010507)
 4191345.2 | 471.83147 (15010507)   476.30306 (15010507)   443.96915 (15010507)   382.24587 (15010507)
328.78624 (17031607)
 4191325.2 | 494.47644 (15010507)   475.20652 (15010507)   420.49277 (15010507)   344.74099 (15010507)
416.71940 (17031607)
 4191305.2 | 503.64819 (15010507)   459.42025 (15010507)   385.60020 (15010507)   396.56810 (17031607)
489.58620 (17031607)
 4191285.2 | 496.93010 (15010507)   428.91071 (15010507)   371.82982 (17031607)   485.02271 (17031607)
529.11746 (17031607)
 4191265.2 | 473.53166 (15010507)   386.37967 (15010507)   471.40291 (17031607)   543.51770 (17031607)
523.06550 (17031607)
 4191245.2 | 434.21092 (15010507)   451.86856 (17031607)   550.05199 (17031607)   555.96592 (17031607)
468.92001 (17031607)
 4191225.2 | 424.37144 (17031607)   550.88522 (17031607)   584.72150 (17031607)   515.87402 (17031607)
381.04198 (17031607)
 4191205.2 | 541.19162 (17031607)   610.97634 (17031607)   564.64179 (17031607)   431.46545 (17031607)
478.69257 (15020708)
 4191185.2 | 626.54645 (17031607)   610.68798 (17031607)   486.93679 (17031607)   469.96507 (15020708)
606.48901 (15020708)
 4191165.2 | 651.94021 (17031607)   543.85657 (17031607)   457.95094 (15020708)   608.49214 (15020708)
705.29279 (15020708)
 4191145.2 | 603.12367 (17031607)   445.08298 (15020708)   609.96579 (15020708)   724.01939 (15020708)
742.97010 (15020708)
 4191125.2 | 494.75769 (17031607)   610.10403 (15020708)   742.22886 (15020708)   777.73314 (15020708)
810.73681 (15012009)
 4191105.2 | 603.52032 (15020708)   758.86727 (15020708)   813.95821 (15020708)   836.34076 (15012009)
894.53698 (15012009)
 4191085.2 | 773.34692 (15020708)   848.07601 (15020708)   860.23140 (15012009)   933.88708 (15012009)
867.13124 (15012009)
 4191065.2 | 887.70856 (15020708)   888.42074 (15012009)   980.62241 (15012009)   917.76619 (15012009)
735.72711 (15012009)
 4191045.2 | 914.24209 (15012009)   1029.55754 (15012009)   972.78670 (15012009)   779.79643 (15012009)
707.72318 (14122009)
 4191025.2 | 1078.34138 (15012009)   1027.40960 (15012009)   824.41300 (15012009)   743.25540 (14122009)
785.47805 (16122217)
 4191005.2 | 1088.16499 (15012009)   873.41076 (15012009)   781.82497 (14122009)   826.16523 (16122217)
763.82190 (16122217)
 4190985.2 | 927.37282 (15012009)   823.79080 (14122009)   869.79013 (16122217)   806.08114 (16120517)
853.06493 (16120517)
 4190965.2 | 869.62028 (14122009)   916.77927 (16122217)   864.13855 (16120517)   896.99496 (16120517)
806.38248 (16120517)
 4190945.2 | 967.37611 (16122217)   926.24948 (16120517)   941.52371 (16120517)   823.41870 (16120517)
869.74610 (14012907)
 4190925.2 | 993.74189 (16120517)   986.50935 (16120517)   846.30397 (14012907)   934.85790 (14012907)
916.01159 (14012907)
 4190905.2 | 1031.21493 (16120517)   932.71661 (14012907)   999.55437 (14012907)   946.95780 (14012907)
800.50443 (14012907)
 4190885.2 | 1024.63425 (14012907)   1062.28410 (14012907)   968.90397 (14012907)   871.86939 (14010709)
916.23037 (14010709)
 4190865.2 | 1120.26932 (14012907)   979.62573 (14012907)   968.37836 (14010709)   958.83729 (14010709)

865.93885 (13121017)
 4190845.2 | 976.41437 (14012907)   1053.71422 (14010709)   977.01247 (14010709)   881.54809 (13121017)
902.62772 (13011717)

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: BLPM
***
                                INCLUDING SOURCE(S):   BLPM   ,

                                 *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                      ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560717.30   560737.30   560757.30   560777.30
560797.30
 -
- - - - - - - -

 4190825.2 | 1118.65298 (14010709)   1001.72434 (13121017)   945.44886 (15120217)   1041.94031 (13011717)
1060.88993 (13011717)
 4190805.2 | 1022.86675 (13121017)   1085.46263 (13011717)   1155.55713 (13011717)   1090.97763 (13011717)
933.77201 (13011617)
 4190785.2 | 1246.88241 (13011717)   1222.62238 (13011717)   1062.19003 (13011717)   909.48509 (13011617)
717.23038 (13011617)
 4190765.2 | 1222.49732 (13011717)   1032.55695 (13011617)   821.96419 (13011617)   589.61961 (13011617)
634.50515 (14111317)
 4190745.2 | 948.66664 (13011617)   680.58194 (13011617)   698.72633 (14111317)   710.05572 (17122817)
803.38260 (17122817)
 4190725.2 | 774.89012 (14111317)   806.30241 (17122817)   901.90053 (17122817)   991.98004 (13121117)
1020.09317 (13121117)
 4190705.2 | 1029.84958 (13121117)   1127.03499 (13121117)   1130.59231 (13121117)   1050.94872 (13121117)
949.88219 (14121317)
 4190685.2 | 1250.43518 (13121117)   1121.39439 (13121117)   1116.31779 (13012308)   1156.34189 (13012308)
1132.89487 (13012308)
 4190665.2 | 1314.64449 (13012308)   1306.42818 (13012308)   1225.49430 (13012308)   1191.42188 (13010717)
1187.58023 (13010717)
 4190645.2 | 1381.06468 (13010717)   1372.82541 (13010717)   1297.43362 (13010717)   1173.32650 (13010717)
1021.29957 (13010717)

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: BLPM
***
                                INCLUDING SOURCE(S):   BLPM   ,

                                 *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                      ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560817.30   560837.30   560857.30   560877.30
560897.30
 -
- - - - - - - -

 4191625.2 | 390.68262 (15020707)   376.35975 (13122017)   373.57338 (13122017)   322.53270 (13122017)
327.60773 (15010507)

 4191605.2 | 395.66328 (15020707)   389.62337 (13122017)   357.62661 (13122017)   334.31485 (15010507)
332.66792 (15010507)
 4191585.2 | 395.10020 (13122017)   385.86486 (13122017)   337.11820 (15010507)   343.51411 (15010507)
330.25985 (15010507)
 4191565.2 | 405.64058 (13122017)   365.49928 (13122017)   351.84846 (15010507)   345.87952 (15010507)
320.78846 (15010507)
 4191545.2 | 397.92118 (13122017)   356.77391 (15010507)   359.14977 (15010507)   340.87069 (15010507)
304.44218 (15010507)
 4191525.2 | 371.41327 (13122017)   370.03772 (15010507)   359.65494 (15010507)   327.82643 (15010507)
281.62795 (15010507)
 4191505.2 | 377.39226 (15010507)   376.33856 (15010507)   351.22943 (15010507)   308.63349 (15010507)
254.93734 (15010507)
 4191485.2 | 389.77494 (15010507)   372.83121 (15010507)   335.31039 (15010507)   281.77449 (15010507)
282.46542 (17031607)
 4191465.2 | 393.65390 (15010507)   361.87556 (15010507)   309.73132 (15010507)   262.84785 (17031607)
346.43024 (17031607)
 4191445.2 | 387.28006 (15010507)   339.61785 (15010507)   280.87463 (15010507)   332.36762 (17031607)
398.87458 (17031607)
 4191425.2 | 369.65791 (15010507)   311.15254 (15010507)   314.79159 (17031607)   395.48113 (17031607)
428.62179 (17031607)
 4191405.2 | 343.22103 (15010507)   292.47285 (17031607)   385.07331 (17031607)   437.41659 (17031607)
427.65270 (17031607)
 4191385.2 | 309.39473 (15010507)   368.58336 (17031607)   438.96023 (17031607)   448.80410 (17031607)
396.59184 (17031607)
 4191365.2 | 349.54755 (17031607)   434.81315 (17031607)   464.20342 (17031607)   427.14872 (17031607)
338.94518 (17031607)
 4191345.2 | 429.56161 (17031607)   476.42218 (17031607)   455.43960 (17031607)   374.60906 (17031607)
298.48663 (15020708)
 4191325.2 | 487.35833 (17031607)   481.68466 (17031607)   410.03762 (17031607)   301.54655 (17031607)
394.64808 (15020708)
 4191305.2 | 508.55047 (17031607)   446.83754 (17031607)   338.43026 (17031607)   388.50033 (15020708)
487.84881 (15020708)
 4191285.2 | 486.43517 (17031607)   377.98143 (17031607)   380.90913 (15020708)   488.32520 (15020708)
560.29359 (15020708)
 4191265.2 | 423.39243 (17031607)   369.30478 (15020708)   486.17136 (15020708)   569.74175 (15020708)
595.81596 (15020708)
 4191245.2 | 360.18922 (15020708)   484.64570 (15020708)   579.07936 (15020708)   616.06139 (15020708)
599.37651 (15012009)
 4191225.2 | 482.98278 (15020708)   589.54546 (15020708)   636.73790 (15020708)   614.07977 (15020708)
692.05332 (15012009)
 4191205.2 | 599.28636 (15020708)   661.96746 (15020708)   644.41232 (15020708)   713.86866 (15012009)
721.87989 (15012009)
 4191185.2 | 683.46481 (15020708)   677.78359 (15020708)   738.68775 (15012009)   753.41360 (15012009)
680.36866 (15012009)
 4191165.2 | 710.32140 (15020708)   763.44920 (15012009)   787.64468 (15012009)   714.69704 (15012009)
572.18237 (15012009)
 4191145.2 | 787.32839 (15012009)   821.01963 (15012009)   748.61755 (15012009)   599.37942 (15012009)
562.51395 (14122009)
 4191125.2 | 856.67723 (15012009)   784.94465 (15012009)   628.86708 (15012009)   586.60770 (14122009)
615.37399 (16122217)
 4191105.2 | 824.29452 (15012009)   660.82378 (15012009)   612.44306 (14122009)   643.50434 (16122217)
632.04889 (16122217)
 4191085.2 | 695.66563 (15012009)   641.96744 (14122009)   676.41022 (16122217)   657.75766 (16122217)
654.41330 (16120517)
 4191065.2 | 672.60477 (14122009)   710.59214 (16122217)   683.80808 (16122217)   690.87626 (16120517)
690.57385 (16120517)
 4191045.2 | 747.65938 (16122217)   710.52319 (16122217)   729.67655 (16120517)   716.05990 (16120517)
626.96161 (16120517)
 4191025.2 | 736.77678 (16122217)   769.02254 (16120517)   740.80613 (16120517)   633.30974 (16120517)
701.75339 (14012907)
 4191005.2 | 810.37579 (16120517)   764.48608 (16120517)   683.72053 (14012907)   747.65477 (14012907)
742.25679 (14012907)
 4190985.2 | 786.49698 (16120517)   743.12847 (14012907)   792.99233 (14012907)   767.07338 (14012907)
677.09609 (14012907)
 4190965.2 | 805.49496 (14012907)   837.32319 (14012907)   786.77876 (14012907)   672.21979 (14012907)
709.84233 (14010709)
 4190945.2 | 878.78354 (14012907)   799.86710 (14012907)   708.40550 (14010709)   762.66889 (14010709)
731.62197 (14010709)
 4190925.2 | 804.96909 (14012907)   785.44020 (14010709)   805.00415 (14010709)   733.84401 (14010709)

682.16847 (13121017)
 4190905.2 | 856.47987 (14010709)   832.82623 (14010709)   759.04774 (13121017)   700.27949 (15120217)
752.74801 (13011717)
 4190885.2 | 841.24597 (14010709)   770.87669 (13121017)   775.77073 (15120217)   847.66876 (13011717)
857.77202 (13011717)
 4190865.2 | 808.27791 (15120217)   881.01028 (13011717)   923.17990 (13011717)   879.56403 (13011717)
768.13778 (13011717)
 4190845.2 | 985.84347 (13011717)   968.06430 (13011717)   863.76085 (13011717)   759.21273 (13011617)
636.72419 (13011617)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: BLPM
***
                               INCLUDING SOURCE(S):   BLPM   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560817.30   560837.30   560857.30   560877.30
560897.30
 -
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 4190825.2 | 971.33959 (13011717)   841.40312 (13011617)   714.38228 (13011617)   556.32899 (13011617)
450.34906 (14111317)
 4190805.2 | 804.49809 (13011617)   629.72473 (13011617)   486.34460 (14111317)   532.60041 (14111317)
528.02786 (14111317)
 4190785.2 | 527.56412 (14111317)   579.76306 (14111317)   571.82940 (14111317)   646.67981 (17122817)
690.43369 (13121117)
 4190765.2 | 629.83486 (17122817)   719.06370 (17122817)   776.31457 (13121117)   829.51990 (13121117)
832.23547 (13121117)
 4190745.2 | 875.97821 (13121117)   919.74342 (13121117)   903.11456 (13121117)   835.71369 (13121117)
755.98880 (14121317)
 4190725.2 | 976.90122 (13121117)   877.99372 (13121117)   867.42553 (13012308)   910.40657 (13012308)
912.59932 (13012308)
 4190705.2 | 1006.97094 (13012308)   1023.83402 (13012308)   992.87404 (13012308)   923.16002 (13012308)
923.13524 (13010717)
 4190685.2 | 1057.16140 (13012308)   1042.66691 (13010717)   1041.44983 (13010717)   1000.80754 (13010717)
929.16754 (13010717)
 4190665.2 | 1132.89544 (13010717)   1039.48330 (13010717)   921.58956 (13010717)   792.90136 (13010717)
664.46061 (13010717)
 4190645.2 | 860.04104 (13010717)   746.28147 (14010417)   729.77462 (14010417)   689.12481 (14010417)
641.26558 (14122717)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: BLPM
***
                               INCLUDING SOURCE(S):   BLPM   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560917.30   560937.30   560957.30   560977.30

560997.30
 -

4191625.2 | 319.13906 (15010507)   295.12409 (15010507)   257.09736 (15010507)   215.53869 (17110407)
245.94615 (17031607)
4191605.2 | 313.34744 (15010507)   278.10012 (15010507)   235.81149 (15010507)   231.48447 (17031607)
294.03808 (17031607)
4191585.2 | 299.50328 (15010507)   258.85952 (15010507)   214.92216 (17031607)   284.14481 (17031607)
332.25582 (17031607)
4191565.2 | 281.25205 (15010507)   232.71528 (15010507)   271.38175 (17031607)   329.33198 (17031607)
355.80994 (17031607)
4191545.2 | 256.43104 (15010507)   255.06987 (17031607)   321.78645 (17031607)   360.90123 (17031607)
358.50135 (17031607)
4191525.2 | 236.85327 (17031607)   311.10956 (17031607)   362.33052 (17031607)   371.54796 (17031607)
338.93605 (17031607)
4191505.2 | 297.93888 (17031607)   360.69702 (17031607)   382.98566 (17031607)   359.92753 (17031607)
300.92565 (17031607)
4191485.2 | 355.48114 (17031607)   391.44269 (17031607)   380.90575 (17031607)   327.34904 (17031607)
249.26909 (17031607)
4191465.2 | 397.72328 (17031607)   398.93394 (17031607)   354.28921 (17031607)   277.19327 (17031607)
261.80893 (15020708)
4191445.2 | 416.22992 (17031607)   380.08493 (17031607)   305.15353 (17031607)   252.04253 (15020708)
332.99301 (15020708)
4191425.2 | 404.98277 (17031607)   335.28160 (17031607)   244.33379 (15020708)   329.57638 (15020708)
403.87783 (15020708)
4191405.2 | 364.98405 (17031607)   273.12083 (17031607)   322.52061 (15020708)   403.26914 (15020708)
460.16659 (15020708)
4191385.2 | 305.16722 (17031607)   316.43538 (15020708)   404.19250 (15020708)   468.54671 (15020708)
493.67202 (15020708)
4191365.2 | 308.21176 (15020708)   401.31642 (15020708)   473.93187 (15020708)   507.16390 (15020708)
494.79335 (15020708)
4191345.2 | 399.37982 (15020708)   480.79296 (15020708)   521.29857 (15020708)   514.15801 (15020708)
542.09697 (15012009)
4191325.2 | 483.46444 (15020708)   534.60842 (15020708)   533.99026 (15020708)   553.68590 (15012009)
593.08571 (15012009)
4191305.2 | 548.13711 (15020708)   554.38718 (15020708)   566.20202 (15012009)   611.45622 (15012009)
596.79500 (15012009)
4191285.2 | 575.29591 (15020708)   576.84503 (15012009)   630.80439 (15012009)   619.14517 (15012009)
549.12894 (15012009)
4191265.2 | 587.69035 (15012009)   650.26015 (15012009)   642.72603 (15012009)   571.79477 (15012009)
460.02991 (15012009)
4191245.2 | 670.44697 (15012009)   667.64661 (15012009)   595.75581 (15012009)   479.08318 (15012009)
461.31908 (14122009)
4191225.2 | 694.02126 (15012009)   621.37827 (15012009)   499.26760 (15012009)   478.55811 (14122009)
494.95222 (16122217)
4191205.2 | 648.91909 (15012009)   521.02947 (15012009)   498.36756 (14122009)   516.87972 (16122217)
526.20423 (16122217)
4191185.2 | 544.46288 (15012009)   516.75162 (14122009)   539.16827 (16122217)   546.51193 (16122217)
499.21960 (16122217)
4191165.2 | 539.02464 (14122009)   560.47687 (16122217)   564.02904 (16122217)   523.43011 (16120517)
562.19293 (16120517)
4191145.2 | 588.63657 (16122217)   586.96598 (16122217)   552.80498 (16120517)   587.26030 (16120517)
566.30320 (16120517)
4191125.2 | 610.03982 (16122217)   585.35840 (16120517)   612.37721 (16120517)   580.94075 (16120517)
500.83062 (16120517)
4191105.2 | 618.03223 (16120517)   638.58976 (16120517)   595.05419 (16120517)   526.89343 (14012907)
582.48045 (14012907)
4191085.2 | 664.62568 (16120517)   607.20524 (16120517)   568.31733 (14012907)   616.61492 (14012907)
617.56036 (14012907)
4191065.2 | 618.37035 (16120517)   611.33758 (14012907)   649.67380 (14012907)   637.16649 (14012907)
579.53371 (14012907)
4191045.2 | 655.88084 (14012907)   682.64001 (14012907)   653.38572 (14012907)   578.69943 (14012907)
546.74047 (14010709)
4191025.2 | 713.52864 (14012907)   666.00885 (14012907)   572.64731 (14012907)   595.43138 (14010709)
614.04382 (14010709)
4191005.2 | 674.38220 (14012907)   586.25908 (14010709)   639.76102 (14010709)   634.06713 (14010709)
579.31284 (13121017)
4190985.2 | 649.91148 (14010709)   681.11978 (14010709)   644.68488 (14010709)   597.44366 (13121017)

538.11236 (13121017)
 4190965.2 | 713.55971 (14010709)   646.84229 (13121017)   605.43064 (13121017)   595.49495 (15120217)
635.44166 (13011717)
 4190945.2 | 672.96980 (13121017)   612.79002 (15120217)   645.64376 (13011717)   702.22626 (13011717)
708.00182 (13011717)
 4190925.2 | 679.48647 (15120217)   733.54882 (13011717)   756.38443 (13011717)   724.06328 (13011717)
645.74161 (13011717)
 4190905.2 | 806.43868 (13011717)   792.27437 (13011717)   716.46210 (13011717)   637.33316 (13011617)
558.11163 (13011617)
 4190885.2 | 796.98081 (13011717)   699.40929 (13011617)   617.91277 (13011617)   507.94652 (13011617)
391.29285 (13011617)
 4190865.2 | 685.88737 (13011617)   569.53723 (13011617)   439.44156 (13011617)   388.81050 (14111317)
421.04800 (14111317)
 4190845.2 | 493.75070 (13011617)   418.62129 (14111317)   455.57953 (14111317)   454.01792 (14111317)
478.31571 (17122817)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: BLPM
***
                                INCLUDING SOURCE(S):   BLPM   ,

                                 *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                      ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560917.30   560937.30   560957.30   560977.30
560997.30
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- - - - - - - -

 4190825.2 | 491.64021 (14111317)   489.53807 (14111317)   529.68395 (17122817)   572.86394 (17122817)
607.46487 (13121117)
 4190805.2 | 584.17558 (17122817)   627.23573 (17122817)   676.74875 (13121117)   700.63998 (13121117)
687.93163 (13121117)
 4190785.2 | 748.76737 (13121117)   765.25291 (13121117)   741.62787 (13121117)   682.64890 (13121117)
616.26653 (14121317)
 4190765.2 | 789.40035 (13121117)   711.56617 (13121117)   697.93775 (14121317)   735.76924 (13012308)
746.56464 (13012308)
 4190745.2 | 799.88979 (13012308)   825.45393 (13012308)   818.44267 (13012308)   782.23805 (13012308)
722.71061 (13012308)
 4190725.2 | 878.26228 (13012308)   814.64515 (13012308)   825.38016 (13010717)   826.78399 (13010717)
802.12077 (13010717)
 4190705.2 | 923.66975 (13010717)   892.91517 (13010717)   836.85823 (13010717)   762.57626 (13010717)
676.82653 (13010717)
 4190685.2 | 836.16241 (13010717)   732.04164 (13010717)   625.67499 (13010717)   562.76527 (14010417)
558.92776 (14010417)
 4190665.2 | 642.13667 (14010417)   623.76542 (14010417)   588.31916 (14010417)   549.61933 (14122717)
567.24192 (14122717)
 4190645.2 | 661.04863 (14122717)   663.69627 (14122717)   650.76792 (14122717)   624.57746 (14122717)
587.87924 (14122717)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: BLPM
***
                                INCLUDING SOURCE(S):   BLPM   ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	561017.30	561037.30	561057.30	561077.30	561097.30
4191625.2	301.18879 (17031607)	328.75836 (17031607)	323.43424 (17031607)	286.60174 (17031607)	229.70562 (17031607)
4191605.2	332.11348 (17031607)	336.21322 (17031607)	305.74915 (17031607)	250.78616 (17031607)	187.31570 (17031607)
4191585.2	346.27427 (17031607)	324.47115 (17031607)	273.69348 (17031607)	207.70510 (17031607)	228.20156 (15020708)
4191565.2	341.96765 (17031607)	295.35082 (17031607)	229.37104 (17031607)	223.50647 (15020708)	285.95761 (15020708)
4191545.2	317.43285 (17031607)	251.69799 (17031607)	216.56160 (15020708)	283.77500 (15020708)	341.97756 (15020708)
4191525.2	276.44756 (17031607)	209.49431 (15020708)	278.65445 (15020708)	341.70979 (15020708)	387.84799 (15020708)
4191505.2	224.61141 (17031607)	274.06011 (15020708)	342.32812 (15020708)	392.47549 (15020708)	416.43522 (15020708)
4191485.2	266.45165 (15020708)	338.62144 (15020708)	396.57623 (15020708)	426.51352 (15020708)	423.83915 (15020708)
4191465.2	337.86952 (15020708)	399.61005 (15020708)	435.23891 (15020708)	438.54061 (15020708)	430.15913 (15012009)
4191445.2	401.19424 (15020708)	443.99566 (15020708)	450.96939 (15020708)	436.25962 (15012009)	486.47091 (15012009)
4191425.2	453.10191 (15020708)	464.91047 (15020708)	441.47994 (15012009)	496.75995 (15012009)	510.84690 (15012009)
4191405.2	479.02130 (15020708)	457.94287 (15020708)	507.51475 (15012009)	526.07851 (15012009)	500.65265 (15012009)
4191385.2	475.90122 (15020708)	519.11114 (15012009)	542.07683 (15012009)	518.02627 (15012009)	453.39697 (15012009)
4191365.2	531.16939 (15012009)	558.81983 (15012009)	536.21811 (15012009)	470.09843 (15012009)	379.24559 (15012009)
4191345.2	575.74038 (15012009)	555.38934 (15012009)	488.01374 (15012009)	393.79376 (15012009)	387.95228 (14122009)
4191325.2	575.58162 (15012009)	507.20180 (15012009)	408.63299 (15012009)	400.62669 (14122009)	406.64175 (16122217)
4191305.2	527.63063 (15012009)	424.43999 (15012009)	414.41516 (14122009)	421.64087 (16122217)	446.10220 (16122217)
4191285.2	442.01325 (15012009)	428.77233 (14122009)	438.65866 (16122217)	458.37133 (16122217)	443.53602 (16122217)
4191265.2	445.09914 (14122009)	456.06402 (16122217)	473.71759 (16122217)	449.34790 (16122217)	454.33560 (16120517)
4191245.2	475.70410 (16122217)	489.97420 (16122217)	460.64998 (16122217)	469.15459 (16120517)	488.00126 (16120517)
4191225.2	508.53832 (16122217)	472.80129 (16122217)	490.00102 (16120517)	496.94837 (16120517)	470.93914 (16120517)
4191205.2	485.82566 (16122217)	513.10246 (16120517)	513.05842 (16120517)	472.06343 (16120517)	418.55772 (14012907)
4191185.2	536.93719 (16120517)	530.63852 (16120517)	481.62621 (16120517)	444.48574 (14012907)	492.09886 (14012907)
4191165.2	548.47936 (16120517)	489.33091 (16120517)	477.39790 (14012907)	512.94330 (14012907)	518.35040 (14012907)
4191145.2	495.38537 (16120517)	512.07531 (14012907)	542.19302 (14012907)	535.35874 (14012907)	496.38948 (14012907)
4191125.2	546.65333 (14012907)	568.19516 (14012907)	551.06322 (14012907)	500.78265 (14012907)	427.00239 (14012907)
4191105.2	594.50419 (14012907)	564.10597 (14012907)	499.19524 (14012907)	463.41235 (14010709)	502.49763 (14010709)
4191085.2	574.54544 (14012907)	496.95377 (14012907)	504.85085 (14010709)	529.94513 (14010709)	513.80122 (14010709)
4191065.2	495.87521 (14010709)	548.08933 (14010709)	553.89697 (14010709)	516.28543 (14010709)	487.37425 (13121017)
4191045.2	584.69728 (14010709)	572.49517 (14010709)	525.24849 (13121017)	491.15377 (13121017)	

471.96254 (15120217)
 4191025.2 | 575.96228 (14010709)   540.29608 (13121017)   491.42247 (13121017)   517.38802 (15120217)
547.77318 (13011717)
 4191005.2 | 543.74749 (13121017)   530.98729 (15120217)   559.85480 (13011717)   601.16835 (13011717)
601.40975 (13011717)
 4190985.2 | 574.64982 (15120217)   620.07354 (13011717)   637.95828 (13011717)   615.12936 (13011717)
556.40561 (13011717)
 4190965.2 | 671.64049 (13011717)   659.99145 (13011717)   607.04182 (13011717)   545.35603 (13011617)
493.91449 (13011617)
 4190945.2 | 663.81516 (13011717)   585.42506 (13011617)   535.16894 (13011617)   460.64584 (13011617)
374.77970 (13011617)
 4190925.2 | 582.73877 (13011617)   504.53104 (13011617)   411.74517 (13011617)   318.02391 (13011617)
321.00106 (14111317)
 4190905.2 | 455.12580 (13011617)   350.81800 (13011617)   340.54147 (14111317)   369.55766 (14111317)
372.42176 (14111317)
 4190885.2 | 361.95575 (14111317)   393.00029 (14111317)   396.58338 (14111317)   402.34431 (17122817)
445.42177 (17122817)
 4190865.2 | 422.30996 (14111317)   438.06707 (17122817)   483.91796 (17122817)   503.64622 (17122817)
541.72880 (13121117)
 4190845.2 | 524.91714 (17122817)   553.40322 (13121117)   590.68296 (13121117)   601.50803 (13121117)
587.22452 (13121117)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: BLPM
***
                               INCLUDING SOURCE(S):   BLPM   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 561017.30   561037.30   561057.30   561077.30
561097.30
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 4190825.2 | 642.55418 (13121117)   646.02824 (13121117)   621.27729 (13121117)   573.38218 (13121117)
519.16462 (14121317)
 4190805.2 | 651.64666 (13121117)   590.81902 (13121117)   579.56996 (14121317)   611.31134 (13012308)
629.29552 (13012308)
 4190785.2 | 650.25218 (13012308)   679.91147 (13012308)   685.77832 (13012308)   669.60037 (13012308)
635.65999 (13012308)
 4190765.2 | 735.48772 (13012308)   702.27096 (13012308)   654.38170 (13010717)   675.80775 (13010717)
678.61270 (13010717)
 4190745.2 | 741.47301 (13010717)   745.15171 (13010717)   728.17238 (13010717)   692.43376 (13010717)
643.13817 (13010717)
 4190725.2 | 754.67324 (13010717)   695.60027 (13010717)   627.25994 (13010717)   553.34796 (13010717)
478.43074 (13010717)
 4190705.2 | 584.27984 (13010717)   497.91401 (13010717)   497.64184 (14010417)   492.15431 (14010417)
474.47696 (14010417)
 4190685.2 | 537.50227 (14010417)   507.13640 (14010417)   476.66420 (14122717)   494.06929 (14122717)
500.96241 (14122717)
 4190665.2 | 569.29335 (14122717)   563.02539 (14122717)   547.17185 (14122717)   521.21850 (14122717)
489.99148 (14122717)
 4190645.2 | 541.58772 (14122717)   493.42247 (14122717)   517.22077 (14091907)   533.50277 (14091907)
548.62452 (14091907)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BLPM ***

INCLUDING SOURCE(S): BLPM ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	561117.30	561137.30	561157.30	561177.30	561197.30
4191625.2	180.60110 (15020708)	238.26716 (15020708)	292.59214 (15020708)	333.96903 (15020708)	356.89297 (15020708)
4191605.2	234.17372 (15020708)	290.19356 (15020708)	336.78707 (15020708)	363.64547 (15020708)	366.69791 (15020708)
4191585.2	289.03343 (15020708)	338.71573 (15020708)	369.85695 (15020708)	376.63632 (15020708)	359.10240 (15020708)
4191565.2	339.81879 (15020708)	376.58243 (15020708)	386.48849 (15020708)	371.33825 (15020708)	398.16628 (15012009)
4191545.2	381.61315 (15020708)	396.50796 (15020708)	383.83067 (15020708)	404.33398 (15012009)	432.91564 (15012009)
4191525.2	406.83207 (15020708)	396.85776 (15020708)	411.08017 (15012009)	443.21972 (15012009)	442.83333 (15012009)
4191505.2	410.03134 (15020708)	418.03945 (15012009)	453.29967 (15012009)	455.43468 (15012009)	425.23908 (15012009)
4191485.2	423.42528 (15012009)	463.63602 (15012009)	468.54046 (15012009)	438.71246 (15012009)	381.05265 (15012009)
4191465.2	474.56184 (15012009)	482.17930 (15012009)	452.93453 (15012009)	394.24479 (15012009)	320.14172 (15012009)
4191445.2	496.28275 (15012009)	468.06188 (15012009)	408.07758 (15012009)	330.88803 (15012009)	333.22946 (14122009)
4191425.2	484.01064 (15012009)	421.89617 (15012009)	341.44544 (15012009)	342.73872 (14122009)	349.18768 (14122009)
4191405.2	437.38183 (15012009)	352.38965 (15012009)	353.18409 (14122009)	360.40776 (14122009)	385.78016 (16122217)
4191385.2	366.35409 (15012009)	364.60026 (14122009)	369.99628 (14122009)	390.98741 (16122217)	385.86298 (16122217)
4191365.2	375.90217 (14122009)	380.65193 (14122009)	403.15720 (16122217)	396.04366 (16122217)	360.85860 (16122217)
4191345.2	392.67032 (16122217)	415.92551 (16122217)	406.07181 (16122217)	376.43916 (16120517)	405.06480 (16120517)
4191325.2	429.51857 (16122217)	416.60962 (16122217)	393.50167 (16120517)	419.79940 (16120517)	417.40348 (16120517)
4191305.2	431.68021 (16122217)	414.90072 (16120517)	434.85944 (16120517)	427.53786 (16120517)	392.93938 (16120517)
4191285.2	438.75489 (16120517)	461.97989 (16120517)	440.50890 (16120517)	397.99013 (16120517)	365.07813 (14012907)
4191265.2	478.89200 (16120517)	463.92842 (16120517)	410.58713 (16120517)	397.11881 (14012907)	435.52295 (14012907)
4191245.2	468.50682 (16120517)	410.11045 (16120517)	425.39774 (14012907)	466.26141 (14012907)	472.35133 (14012907)
4191225.2	408.25814 (16120517)	446.03727 (14012907)	479.17802 (14012907)	484.00836 (14012907)	454.91666 (14012907)
4191205.2	472.64963 (14012907)	495.38145 (14012907)	484.28320 (14012907)	445.99930 (14012907)	389.89188 (14012907)
4191185.2	509.52202 (14012907)	491.73010 (14012907)	443.65941 (14012907)	379.21242 (14012907)	410.38180 (14010709)
4191165.2	491.44287 (14012907)	438.65144 (14012907)	399.68339 (14010709)	438.45757 (14010709)	447.43529 (14010709)
4191145.2	433.70542 (14012907)	435.06604 (14010709)	463.68417 (14010709)	458.70902 (14010709)	426.82211 (14010709)
4191125.2	469.24629 (14010709)	485.06484 (14010709)	466.61500 (14010709)	434.78155 (13121017)	413.77779 (13121017)
4191105.2	503.36673 (14010709)	468.82716 (14010709)	446.85248 (13121017)	409.57318 (13121017)	

422.04251 (15120217)
 4191085.2 | 475.11871 (13121017)   450.22755 (13121017)   427.99146 (15120217)   449.98486 (15120217)
479.86155 (13011717)
 4191065.2 | 445.10304 (13121017)   464.31540 (15120217)   487.38805 (13011717)   517.37539 (13011717)
519.17633 (13011717)
 4191045.2 | 493.84323 (15120217)   533.89800 (13011717)   546.38579 (13011717)   528.95815 (13011717)
485.76378 (13011717)
 4191025.2 | 569.99232 (13011717)   563.50522 (13011717)   525.48664 (13011717)   473.44689 (13011617)
438.80553 (13011617)
 4191005.2 | 565.49829 (13011717)   507.05169 (13011717)   471.55704 (13011617)   418.07203 (13011617)
352.36933 (13011617)
 4190985.2 | 506.66044 (13011617)   453.52487 (13011617)   384.28324 (13011617)   309.81183 (13011617)
262.22333 (15120117)
 4190965.2 | 421.61068 (13011617)   340.99932 (13011617)   276.70978 (15120117)   285.47263 (14111317)
307.96109 (14111317)
 4190945.2 | 292.79252 (15120117)   303.04476 (14111317)   326.15112 (14111317)   329.91924 (14111317)
316.11964 (14111317)
 4190925.2 | 346.57948 (14111317)   350.18642 (14111317)   339.74791 (17122817)   380.57282 (17122817)
406.40407 (17122817)
 4190905.2 | 368.39568 (17122817)   410.81135 (17122817)   435.35016 (17122817)   456.87905 (13121117)
481.76808 (13121117)
 4190885.2 | 466.88678 (17122817)   496.49103 (13121117)   518.11941 (13121117)   520.18238 (13121117)
504.24617 (13121117)
 4190865.2 | 557.04361 (13121117)   552.31621 (13121117)   527.69866 (13121117)   487.09343 (13121117)
441.80275 (14121317)
 4190845.2 | 551.74026 (13121117)   501.06106 (13121117)   490.49115 (14121317)   515.06738 (13012308)
534.69675 (13012308)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: BLPM
***
                               INCLUDING SOURCE(S):   BLPM   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 561117.30   561137.30   561157.30   561177.30
561197.30
 -
- - - - - - - -

 4190825.2 | 544.15662 (13012308)   571.87532 (13012308)   582.77512 (13012308)   577.69743 (13012308)
558.64216 (13012308)
 4190805.2 | 628.31579 (13012308)   610.30296 (13012308)   577.68409 (13012308)   551.19300 (13010717)
567.50683 (13010717)
 4190785.2 | 598.95069 (13010717)   617.64337 (13010717)   620.61859 (13010717)   609.18179 (13010717)
585.37750 (13010717)
 4190765.2 | 664.14681 (13010717)   635.13411 (13010717)   594.41195 (13010717)   545.09290 (13010717)
490.79954 (13010717)
 4190745.2 | 584.39817 (13010717)   520.81588 (13010717)   456.11076 (13010717)   394.08067 (14010417)
401.73661 (14010417)
 4190725.2 | 443.69268 (14010417)   445.56473 (14010417)   437.41388 (14010417)   420.52977 (14010417)
396.61306 (14010417)
 4190705.2 | 447.35649 (14010417)   420.77352 (14122717)   435.57942 (14122717)   442.74267 (14122717)
442.51267 (14122717)
 4190685.2 | 498.22628 (14122717)   487.13098 (14122717)   468.87207 (14122717)   444.92398 (14122717)
416.57654 (14122717)
 4190665.2 | 454.19100 (14122717)   422.79176 (14091907)   443.08156 (14091907)   459.12882 (14091907)
470.75634 (14091907)
 4190645.2 | 557.68492 (14091907)   558.69966 (14091907)   554.34634 (14091907)   545.26684 (14091907)
532.10362 (14091907)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BLPM ***

INCLUDING SOURCE(S): BLPM ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	561217.30	561237.30	561257.30	561277.30	561297.30
4191625.2	357.02256 (15020708)	338.91471 (15012009)	378.29036 (15012009)	395.23911 (15012009)	386.36237 (15012009)
4191605.2	346.79191 (15020708)	385.06206 (15012009)	404.33006 (15012009)	396.86136 (15012009)	365.18628 (15012009)
4191585.2	392.09013 (15012009)	413.43735 (15012009)	407.72977 (15012009)	376.18691 (15012009)	325.56416 (15012009)
4191565.2	422.95467 (15012009)	419.00354 (15012009)	387.77940 (15012009)	335.61565 (15012009)	272.90605 (15012009)
4191545.2	430.69582 (15012009)	399.81168 (15012009)	346.03663 (15012009)	281.52590 (15012009)	289.51819 (14122009)
4191525.2	412.28806 (15012009)	356.98439 (15012009)	290.58682 (15012009)	297.49345 (14122009)	306.42568 (14122009)
4191505.2	368.63727 (15012009)	300.04037 (15012009)	305.82284 (14122009)	314.43020 (14122009)	326.76370 (16122217)
4191485.2	310.13118 (15012009)	314.84619 (14122009)	322.89910 (14122009)	336.42792 (16122217)	340.62096 (16122217)
4191465.2	324.09637 (14122009)	332.35846 (14122009)	346.89129 (16122217)	349.17835 (16122217)	329.37942 (16122217)
4191445.2	340.40461 (14122009)	356.28990 (16122217)	357.02094 (16122217)	335.33197 (16122217)	339.24326 (16120517)
4191425.2	366.42775 (16122217)	366.75964 (16122217)	344.11712 (16122217)	355.61438 (16120517)	371.98925 (16120517)
4191405.2	381.48927 (16122217)	349.57812 (16122217)	369.33856 (16120517)	384.00135 (16120517)	371.65704 (16120517)
4191385.2	355.05907 (16122217)	382.60298 (16120517)	384.24369 (16120517)	370.16417 (16120517)	335.40773 (16120517)
4191365.2	389.92721 (16120517)	397.19716 (16120517)	377.14014 (16120517)	337.97828 (16120517)	323.48157 (14012907)
4191345.2	406.54694 (16120517)	383.75100 (16120517)	339.00228 (16120517)	342.53677 (14012907)	370.85182 (14012907)
4191325.2	388.26130 (16120517)	339.42960 (16120517)	362.18925 (14012907)	387.39351 (14012907)	393.80891 (14012907)
4191305.2	341.90775 (14012907)	381.84953 (14012907)	403.50365 (14012907)	405.03413 (14012907)	387.63600 (14012907)
4191285.2	401.64557 (14012907)	418.10853 (14012907)	414.73453 (14012907)	391.44809 (14012907)	351.66723 (14012907)
4191265.2	438.32139 (14012907)	423.55746 (14012907)	394.86155 (14012907)	346.31584 (14012907)	336.50400 (14010709)
4191245.2	440.47536 (14012907)	392.72738 (14012907)	344.59172 (14012907)	366.81444 (14010709)	385.98008 (14010709)
4191225.2	397.65268 (14012907)	351.51898 (14010709)	397.72870 (14010709)	416.88012 (14010709)	405.85858 (14010709)
4191205.2	384.23934 (14010709)	417.12779 (14010709)	425.04395 (14010709)	407.06710 (14010709)	391.78072 (13121017)
4191185.2	433.63215 (14010709)	429.95955 (14010709)	399.22464 (14010709)	395.52027 (13121017)	364.01232 (13121017)
4191165.2	427.55959 (14010709)	404.42362 (13121017)	393.83619 (13121017)	363.27560 (15120217)	

391.26509 (15120217)
 4191145.2 | 409.79328 (13121017)   379.73921 (13121017)   395.36994 (15120217)   408.71826 (15120217)
430.49477 (13011717)
 4191125.2 | 387.53388 (15120217)   411.28558 (15120217)   436.42591 (13011717)   457.09611 (13011717)
454.21528 (13011717)
 4191105.2 | 435.34767 (13011717)   466.57055 (13011717)   477.15727 (13011717)   463.93090 (13011717)
430.27699 (13011717)
 4191085.2 | 498.09064 (13011717)   490.63342 (13011717)   461.48023 (13011717)   416.07135 (13011617)
393.03526 (13011617)
 4191065.2 | 494.74073 (13011717)   448.54715 (13011717)   418.31632 (13011617)   380.12501 (13011617)
330.12352 (13011617)
 4191045.2 | 445.23406 (13011617)   408.37041 (13011617)   356.50927 (13011617)   298.01574 (13011617)
238.95477 (13011617)
 4191025.2 | 385.90586 (13011617)   323.80010 (13011617)   259.75667 (13011617)   237.94514 (15120117)
245.44567 (14111317)
 4191005.2 | 283.74390 (13011617)   249.87045 (15120117)   257.57956 (14111317)   276.70688 (14111317)
281.80825 (14111317)
 4190985.2 | 271.23979 (14111317)   292.03553 (14111317)   296.65234 (14111317)   286.33683 (14111317)
306.18298 (17122817)
 4190965.2 | 312.62791 (14111317)   300.68520 (14111317)   328.56065 (17122817)   355.26428 (17122817)
368.35218 (17122817)
 4190945.2 | 353.62506 (17122817)   380.26415 (17122817)   390.83711 (17122817)   416.32848 (13121117)
431.61749 (13121117)
 4190925.2 | 421.71583 (13121117)   449.39745 (13121117)   460.21001 (13121117)   456.77674 (13121117)
440.34738 (13121117)
 4190905.2 | 488.88935 (13121117)   479.51685 (13121117)   457.01309 (13121117)   422.23039 (13121117)
382.80327 (14121317)
 4190885.2 | 472.74699 (13121117)   429.46014 (13121117)   420.53006 (14121317)   439.17852 (13012308)
458.63014 (13012308)
 4190865.2 | 462.30824 (14121317)   486.46720 (13012308)   498.76439 (13012308)   499.80625 (13012308)
490.02748 (13012308)
 4190845.2 | 539.26138 (13012308)   530.24872 (13012308)   510.47806 (13012308)   479.63500 (13012308)
467.29244 (13010717)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: BLPM
***
                               INCLUDING SOURCE(S):   BLPM   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 561217.30   561237.30   561257.30   561277.30
561297.30
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- - - - - - - -

 4190825.2 | 527.02464 (13012308)   507.72074 (13010717)   520.99479 (13010717)   522.10100 (13010717)
513.52848 (13010717)
 4190805.2 | 570.63488 (13010717)   561.23093 (13010717)   539.25597 (13010717)   509.95634 (13010717)
474.13882 (13010717)
 4190785.2 | 551.39694 (13010717)   509.22614 (13010717)   460.72512 (13010717)   411.42992 (13010717)
362.78169 (13010717)
 4190765.2 | 434.61422 (13010717)   379.01299 (13010717)   360.19304 (14010417)   363.56065 (14010417)
360.56250 (14010417)
 4190745.2 | 400.62922 (14010417)   391.65629 (14010417)   375.33236 (14010417)   353.50522 (14010417)
336.60200 (15120917)
 4190725.2 | 375.09996 (15120917)   387.52081 (14122717)   394.70686 (14122717)   395.20778 (14122717)
389.57594 (14122717)
 4190705.2 | 435.47978 (14122717)   422.56993 (14122717)   404.66942 (14122717)   382.33656 (14122717)
356.56443 (14122717)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BLPM ***

INCLUDING SOURCE(S): BLPM ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	561317.30	561337.30	561357.30	561377.30	561397.30
4191625.2	354.78451 (15012009)	305.93317 (15012009)	248.83832 (15012009)	260.61811 (14122009)	270.91121 (14122009)
4191605.2	315.88195 (15012009)	256.51135 (15012009)	267.30597 (14122009)	277.42339 (14122009)	283.25616 (16122217)
4191585.2	264.73895 (15012009)	274.12146 (14122009)	284.17921 (14122009)	291.28905 (16122217)	300.54465 (16122217)
4191565.2	281.88233 (14122009)	290.93838 (14122009)	299.57875 (16122217)	307.88914 (16122217)	298.69105 (16122217)
4191545.2	298.75891 (14122009)	307.95411 (16122217)	315.51124 (16122217)	304.68011 (16122217)	278.20940 (16120517)
4191525.2	317.52787 (16122217)	323.15582 (16122217)	310.76438 (16122217)	289.23130 (16120517)	311.55493 (16120517)
4191505.2	332.11305 (16122217)	316.64280 (16122217)	300.40433 (16120517)	321.53541 (16120517)	325.73284 (16120517)
4191485.2	323.01645 (16122217)	311.89144 (16120517)	331.26020 (16120517)	332.67301 (16120517)	318.25277 (16120517)
4191465.2	323.65080 (16120517)	341.98799 (16120517)	341.61827 (16120517)	321.85853 (16120517)	288.96673 (16120517)
4191445.2	352.55136 (16120517)	349.17419 (16120517)	327.03491 (16120517)	288.82649 (16120517)	288.79451 (14012907)
4191425.2	355.85603 (16120517)	330.08797 (16120517)	289.16973 (16120517)	303.90908 (14012907)	328.40616 (14012907)
4191405.2	334.80744 (16120517)	288.12709 (16120517)	320.68622 (14012907)	342.09008 (14012907)	348.81207 (14012907)
4191385.2	304.71215 (14012907)	337.18553 (14012907)	355.41307 (14012907)	358.04898 (14012907)	345.61895 (14012907)
4191365.2	354.11521 (14012907)	369.03712 (14012907)	367.38639 (14012907)	350.39089 (14012907)	319.64712 (14012907)
4191345.2	381.80260 (14012907)	375.36272 (14012907)	353.13318 (14012907)	318.02450 (14012907)	276.84990 (15010817)
4191325.2	382.10445 (14012907)	354.30600 (14012907)	314.20162 (14012907)	298.88571 (14010709)	326.48416 (14010709)
4191305.2	353.86717 (14012907)	308.83800 (14012907)	322.04077 (14010709)	344.99701 (14010709)	349.45434 (14010709)
4191285.2	310.24060 (14010709)	344.47412 (14010709)	360.87523 (14010709)	358.02199 (14010709)	337.41812 (14010709)
4191265.2	364.68276 (14010709)	373.71384 (14010709)	363.02216 (14010709)	336.53865 (13121017)	329.22094 (13121017)
4191245.2	386.98569 (14010709)	362.91120 (14010709)	346.79736 (13121017)	330.65231 (13121017)	299.09959 (13121017)
4191225.2	370.65267 (13121017)	353.35988 (13121017)	327.64561 (13121017)	325.07245 (15120217)	

339.31161 (15120217)
 4191205.2 | 367.77875 (13121017)   327.21516 (15120217)   348.12713 (15120217)   354.90672 (13011717)
380.19659 (13011717)
 4191185.2 | 364.79548 (15120217)   372.17054 (15120217)   387.32405 (13011717)   405.17498 (13011717)
404.75490 (13011717)
 4191165.2 | 399.98725 (13011717)   420.79043 (13011717)   422.82011 (13011717)   412.85159 (13011717)
385.62326 (13011717)
 4191145.2 | 449.53113 (13011717)   434.98468 (13011717)   410.58973 (13011717)   374.09169 (13011717)
355.10274 (13011617)
 4191125.2 | 436.58854 (13011717)   398.77830 (13011717)   374.13624 (13011617)   348.26906 (13011617)
309.37232 (13011617)
 4191105.2 | 394.46669 (13011617)   368.78522 (13011617)   330.36465 (13011617)   285.34298 (13011617)
236.25865 (13011617)
 4191085.2 | 354.98207 (13011617)   306.20986 (13011617)   254.11403 (13011617)   203.87928 (13011617)
208.54225 (15120117)
 4191065.2 | 275.87750 (13011617)   220.49779 (13011617)   217.19595 (15120117)   224.04879 (14111317)
239.66241 (14111317)
 4191045.2 | 227.46037 (15120117)   234.21154 (14111317)   250.73586 (14111317)   256.17935 (14111317)
250.00907 (14111317)
 4191025.2 | 263.18271 (14111317)   268.16531 (14111317)   260.84260 (14111317)   267.89673 (17122817)
293.79200 (17122817)
 4191005.2 | 273.04384 (14111317)   285.78078 (17122817)   312.14186 (17122817)   328.84393 (17122817)
336.49036 (13121117)
 4190985.2 | 332.75291 (17122817)   347.49479 (17122817)   360.32561 (13121117)   380.84897 (13121117)
389.85028 (13121117)
 4190965.2 | 387.15665 (13121117)   404.91489 (13121117)   410.75000 (13121117)   405.89919 (13121117)
389.85720 (13121117)
 4190945.2 | 433.40568 (13121117)   422.69237 (13121117)   401.23475 (13121117)   371.65342 (13121117)
337.05124 (13113017)
 4190925.2 | 412.48579 (13121117)   375.85512 (13121117)   367.00809 (14121317)   382.20137 (13012308)
401.07371 (13012308)
 4190905.2 | 400.50477 (14121317)   419.19899 (13012308)   433.73625 (13012308)   439.34169 (13012308)
436.28256 (13012308)
 4190885.2 | 467.43559 (13012308)   466.00004 (13012308)   455.14694 (13012308)   436.21339 (13012308)
411.16193 (13012308)
 4190865.2 | 470.95687 (13012308)   443.66532 (13012308)   438.28687 (13010717)   449.74590 (13010717)
453.89015 (13010717)
 4190845.2 | 483.53153 (13010717)   487.00855 (13010717)   480.51752 (13010717)   466.92162 (13010717)
447.27073 (13010717)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: BLPM
***
                                INCLUDING SOURCE(S):   BLPM   ,

                                 *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                      ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 561317.30   561337.30   561357.30   561377.30
561397.30
 -
- - - - - - - -

 4190825.2 | 499.47264 (13010717)   476.14934 (13010717)   446.10719 (13010717)   411.37955 (13010717)
374.71558 (13010717)
 4190805.2 | 430.78393 (13010717)   389.81838 (13010717)   349.09897 (13010717)   306.89769 (13010717)
300.46405 (14010417)
 4190785.2 | 322.99818 (14010417)   329.17697 (14010417)   328.90255 (14010417)   326.57530 (14010417)
318.73444 (14010417)
 4190765.2 | 352.33007 (14010417)   336.42787 (14010417)   315.20105 (14010417)   303.70086 (15120917)
311.50166 (14122717)

*** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: BLPM
***

INCLUDING SOURCE(S):   BLPM   ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10   IN MICROGRAMS/M**3   **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
560122.00	4190978.00	1572.06933	(17112408)	560142.00	4190978.00	1487.78661	(14012908)
560162.00	4190978.00	1083.06888	(14012908)	560182.00	4190978.00	1456.26026	(15011607)
560202.00	4190978.00	1401.58099	(15011607)	560222.00	4190978.00	1299.50214	(13011807)
560242.00	4190978.00	1175.72952	(14012008)	560262.00	4190978.00	1436.96313	(15010517)
560102.00	4190998.00	1358.41498	(13040307)	560122.00	4190998.00	1523.33684	(17112408)
560142.00	4190998.00	1389.42100	(14012908)	560162.00	4190998.00	969.36198	(14012908)
560182.00	4190998.00	1395.66434	(15011607)	560202.00	4190998.00	1323.92369	(15011607)
560222.00	4190998.00	1236.07076	(13011807)	560242.00	4190998.00	1085.78895	(14012008)
560262.00	4190998.00	1326.45154	(14012008)	560282.00	4190998.00	1349.38809	(15010517)
560302.00	4190998.00	888.17807	(16012817)	560322.00	4190998.00	1368.96609	(15112108)
560102.00	4191018.00	1194.46936	(13040307)	560122.00	4191018.00	1457.73061	(17112408)
560142.00	4191018.00	1291.37375	(14012908)	560162.00	4191018.00	931.88575	(16122807)
560182.00	4191018.00	1337.87521	(15011607)	560202.00	4191018.00	1251.95148	(15011607)
560222.00	4191018.00	1176.55871	(13011807)	560242.00	4191018.00	1002.22447	(14012008)
560262.00	4191018.00	1255.97303	(14012008)	560282.00	4191018.00	1325.87093	(15010517)
560302.00	4191018.00	822.15620	(15010517)	560322.00	4191018.00	1234.13122	(15112108)
560342.00	4191018.00	1323.92949	(14112517)	560362.00	4191018.00	1374.29252	(14112517)
560382.00	4191018.00	1037.41745	(16112517)	560402.00	4191018.00	852.70189	(16112517)
560102.00	4191038.00	1193.70110	(17112408)	560122.00	4191038.00	1381.51137	

(17112408)
        560142.00   4191038.00   1195.94773 (14012908)   560162.00   4191038.00   906.18216
(16122807)
        560182.00   4191038.00   1283.29733 (15011607)   560202.00   4191038.00   1186.05940
(15011607)
        560222.00   4191038.00   1121.68453 (13011807)   560242.00   4191038.00   927.83865
(13011807)
        560262.00   4191038.00   1187.80336 (14012008)   560282.00   4191038.00   1289.37700
(15010517)
        560302.00   4191038.00   872.99425 (15010517)   560322.00   4191038.00   1086.67905
(15112108)
        560342.00   4191038.00   1281.76828 (15112108)   560362.00   4191038.00   1344.81535
(14112517)
        560382.00   4191038.00   1072.46718 (14112517)   560402.00   4191038.00   925.57524
(16112517)
        560422.00   4191038.00   903.66158 (15021907)   560442.00   4191038.00   1151.51042
(15021907)
        560462.00   4191038.00   1184.22807 (13121417)   560082.00   4191058.00   1286.05399
(13040307)
        560102.00   4191058.00   1205.87901 (17112408)   560122.00   4191058.00   1298.48892
(17112408)
        560142.00   4191058.00   1104.90105 (14012908)   560162.00   4191058.00   883.41034
(15011607)
        560182.00   4191058.00   1231.50226 (15011607)   560202.00   4191058.00   1125.54748
(15011607)
        560222.00   4191058.00   1071.09838 (13011807)   560242.00   4191058.00   897.78184
(13011807)
        560262.00   4191058.00   1122.05349 (14012008)   560282.00   4191058.00   1243.84309
(15010517)
        560302.00   4191058.00   912.59355 (15010517)   560322.00   4191058.00   941.10328
(15112108)
        560342.00   4191058.00   1231.08027 (15112108)   560362.00   4191058.00   1283.33846
(14112517)
        560382.00   4191058.00   1132.09259 (14112517)   560402.00   4191058.00   940.96857
(16112517)
        560422.00   4191058.00   722.96398 (15021907)   560442.00   4191058.00   1035.18430
(15021907)
        560462.00   4191058.00   1117.93869 (13121417)   560082.00   4191078.00   1174.53960
(13040307)
        560102.00   4191078.00   1201.56611 (17112408)   560122.00   4191078.00   1211.76315
(17112408)
        560142.00   4191078.00   1018.47926 (14012908)   560162.00   4191078.00   873.29637
(15011607)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: BLPM
***
                               INCLUDING SOURCE(S):   BLPM   ,

                                         *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                    ** CONC OF PM_10   IN MICROGRAMS/M**3   **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC
(YYMMDDHH)
 -
- - - - - - - -
        560182.00   4191078.00   1182.39237 (15011607)   560202.00   4191078.00   1069.76246
(15011607)
        560222.00   4191078.00   1024.26924 (13011807)   560242.00   4191078.00   869.18123
(13011807)
        560262.00   4191078.00   1059.34685 (14012008)   560282.00   4191078.00   1191.85120
(15010517)

560302.00	4191078.00	941.33622	(15010517)	560322.00	4191078.00	803.66779	(15112108)
560342.00	4191078.00	1155.64204	(15112108)	560362.00	4191078.00	1198.44356	(14112517)
560382.00	4191078.00	1159.98695	(14112517)	560402.00	4191078.00	903.55161	(16112517)
560422.00	4191078.00	752.94182	(16112517)	560442.00	4191078.00	888.75104	(15021907)
560462.00	4191078.00	1060.07578	(15021907)	560482.00	4191078.00	1075.00294	(13121417)
560502.00	4191078.00	1029.83409	(13121308)	560082.00	4191098.00	1058.14059	(13040307)
560102.00	4191098.00	1183.57497	(17112408)	560122.00	4191098.00	1129.35066	(14012908)
560142.00	4191098.00	936.80033	(14012908)	560162.00	4191098.00	861.41830	(15011607)
560182.00	4191098.00	1136.14942	(15011607)	560202.00	4191098.00	1018.27067	(15011607)
560222.00	4191098.00	980.80354	(13011807)	560242.00	4191098.00	841.77843	(13011807)
560262.00	4191098.00	999.35108	(14012008)	560282.00	4191098.00	1135.39602	(15010517)
560302.00	4191098.00	959.48034	(15010517)	560322.00	4191098.00	716.64921	(16012817)
560342.00	4191098.00	1062.81697	(15112108)	560362.00	4191098.00	1097.55858	(14112517)
560382.00	4191098.00	1156.79407	(14112517)	560402.00	4191098.00	893.78234	(14112517)
560422.00	4191098.00	810.03765	(16112517)	560442.00	4191098.00	734.83964	(15021907)
560462.00	4191098.00	977.17721	(15021907)	560482.00	4191098.00	1032.29434	(13121417)
560502.00	4191098.00	955.49823	(13121308)	560522.00	4191098.00	958.08394	(13121308)
560062.00	4191118.00	1163.88369	(13040307)	560082.00	4191118.00	942.00783	(13040307)
560102.00	4191118.00	1154.29117	(17112408)	560122.00	4191118.00	1075.67719	(14012908)
560142.00	4191118.00	861.02177	(14012908)	560162.00	4191118.00	848.48939	(15011607)
560182.00	4191118.00	1092.20767	(15011607)	560202.00	4191118.00	970.69555	(15011607)
560222.00	4191118.00	940.32567	(13011807)	560242.00	4191118.00	815.28038	(13011807)
560262.00	4191118.00	942.47638	(14012008)	560282.00	4191118.00	1076.19135	(15010517)
560302.00	4191118.00	967.99553	(15010517)	560322.00	4191118.00	654.55249	(16012817)
560342.00	4191118.00	959.71622	(15112108)	560362.00	4191118.00	1065.75687	(15112108)
560382.00	4191118.00	1126.85688	(14112517)	560402.00	4191118.00	952.34515	(14112517)
560422.00	4191118.00	823.50791	(16112517)	560442.00	4191118.00	594.71023	(16112517)
560462.00	4191118.00	862.55402	(15021907)	560482.00	4191118.00	973.65731	(15021907)
560502.00	4191118.00	977.29483	(13121417)	560522.00	4191118.00	943.04575	(13121308)
560062.00	4191138.00	1097.09999	(13040307)	560082.00	4191138.00	940.71016	(14122007)
560102.00	4191138.00	1115.79891	(17112408)	560122.00	4191138.00	1020.43642	(14012908)
560142.00	4191138.00	790.30950	(14012908)	560162.00	4191138.00	834.80092	(15011607)
560182.00	4191138.00	1050.50165	(15011607)	560202.00	4191138.00	926.60049	(15011607)
560222.00	4191138.00	902.51670	(13011807)	560242.00	4191138.00	790.08505	(13011807)
560262.00	4191138.00	888.35976	(14012008)	560282.00	4191138.00	1015.67464	

(15010517)
560302.00 4191138.00 967.66246 (15010517) 560322.00 4191138.00 600.28537
(15010517)
560342.00 4191138.00 853.65575 (15112108) 560362.00 4191138.00 1035.93794
(15112108)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BLPM
***
INCLUDING SOURCE(S): BLPM ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
560382.00	4191138.00	1075.73827	(14112517)	560402.00	4191138.00	988.05865	(14112517)
560422.00	4191138.00	796.54315	(16112517)	560442.00	4191138.00	670.77682	(16112517)
560462.00	4191138.00	733.58788	(15021907)	560482.00	4191138.00	917.13243	(15021907)
560502.00	4191138.00	953.08734	(13121417)	560062.00	4191158.00	1019.73788	(13040307)
560082.00	4191158.00	939.92287	(17112408)	560102.00	4191158.00	1070.49752	(17112408)
560122.00	4191158.00	964.52365	(14012908)	560142.00	4191158.00	724.70875	(14012908)
560162.00	4191158.00	820.42808	(15011607)	560182.00	4191158.00	1011.10824	(15011607)
560202.00	4191158.00	885.62163	(15011607)	560222.00	4191158.00	867.21347	(13011807)
560242.00	4191158.00	766.25847	(13011807)	560262.00	4191158.00	837.50196	(14012008)
560282.00	4191158.00	954.96457	(15010517)	560302.00	4191158.00	959.35231	(15010517)
560322.00	4191158.00	637.45877	(15010517)	560342.00	4191158.00	749.22254	(15112108)
560362.00	4191158.00	987.08671	(15112108)	560382.00	4191158.00	1008.40243	(14112517)
560402.00	4191158.00	1000.19326	(14112517)	560422.00	4191158.00	755.70812	(14112517)
560442.00	4191158.00	717.08877	(16112517)	560462.00	4191158.00	604.24950	(15021907)
560482.00	4191158.00	829.58467	(15021907)	560502.00	4191158.00	891.45076	(15021907)
560062.00	4191178.00	937.62947	(13040307)	560082.00	4191178.00	947.17445	(17112408)
560102.00	4191178.00	1020.16309	(17112408)	560122.00	4191178.00	908.86517	(14012908)
560142.00	4191178.00	664.32719	(14012908)	560162.00	4191178.00	805.62213	(15011607)
560182.00	4191178.00	973.67119	(15011607)	560202.00	4191178.00	847.36607	(15011607)
560222.00	4191178.00	834.17639	(13011807)	560242.00	4191178.00	743.39644	(13011807)
560322.00	4191178.00	668.68641	(15010517)	560342.00	4191178.00	650.08080	(15112108)
560362.00	4191178.00	923.97600	(15112108)	560382.00	4191178.00	929.91239	(14112517)

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       560402.00   4191178.00      990.38456  (14112517)              560422.00   4191178.00      810.05594
(14112517)
       560442.00   4191178.00      729.13109  (16112517)              560462.00   4191178.00      540.79412
(16112517)
       560482.00   4191178.00      723.29122  (15021907)              560502.00   4191178.00      853.90274
(15021907)
       560062.00   4191198.00      853.04249  (13040307)              560082.00   4191198.00      945.15241
(17112408)
       560102.00   4191198.00      966.26782  (17112408)              560122.00   4191198.00      854.27902
(14012908)
       560142.00   4191198.00      614.91807  (13021507)              560162.00   4191198.00      790.46657
(15011607)
       560182.00   4191198.00      938.17702  (15011607)              560202.00   4191198.00      811.77702
(15011607)
       560222.00   4191198.00      803.22652  (13011807)              560362.00   4191198.00      850.74324
(15112108)
       560382.00   4191198.00      904.27790  (15112108)              560402.00   4191198.00      962.20418
(14112517)
       560422.00   4191198.00      848.84987  (14112517)              560442.00   4191198.00      709.42091
(16112517)
       560462.00   4191198.00      602.87108  (16112517)              560482.00   4191198.00      611.58746
(15021907)
       560042.00   4191218.00      954.50962  (13040307)              560062.00   4191218.00      766.92076
(13040307)
       560082.00   4191218.00      933.96350  (17112408)              560102.00   4191218.00      910.36551
(17112408)
       560122.00   4191218.00      800.89459  (14012908)              560142.00   4191218.00      578.78740
(16122807)
       560162.00   4191218.00      775.17981  (15011607)              560182.00   4191218.00      904.60693
(15011607)
       560202.00   4191218.00      778.44354  (15011607)              560222.00   4191218.00      774.17295
(13011807)
       560342.00   4191218.00      550.65775  (16012817)              560362.00   4191218.00      772.17958
(15112108)
       560382.00   4191218.00      886.93549  (15112108)              560402.00   4191218.00      919.16340
(14112517)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

PAGE  1049
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

                           *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  BLPM
***
                               INCLUDING SOURCE(S):     BLPM        ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                     ** CONC OF PM_10    IN MICROGRAMS/M**3                          **

     X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)  Y-COORD (M)        CONC
(YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
       560422.00   4191218.00      869.42146  (14112517)              560442.00   4191218.00      663.73290
(16112517)
       560462.00   4191218.00      640.64297  (16112517)              560482.00   4191218.00      501.69797
(15021907)
       560082.00   4191238.00      915.66884  (17112408)              560102.00   4191238.00      859.85676
(14012908)
       560122.00   4191238.00      749.55239  (14012908)              560142.00   4191238.00      572.61194
(16122807)
       560162.00   4191238.00      759.79505  (15011607)              560182.00   4191238.00      872.74905
(15011607)
       560202.00   4191238.00      747.27820  (15011607)              560222.00   4191238.00      746.83372
(13011807)
       560342.00   4191238.00      504.90990  (16012817)              560362.00   4191238.00      692.04290
```

(15112108)
        560382.00   4191238.00   854.62566 (15112108)   560402.00   4191238.00   864.44059
(14112517)
        560422.00   4191238.00   872.69190 (14112517)   560442.00   4191238.00   696.67365
(14112517)
        560462.00   4191238.00   651.11741 (16112517)   560182.00   4191258.00   842.38360
(15011607)
        560202.00   4191258.00   718.05394 (15011607)   560322.00   4191258.00   734.35375
(15010517)
        560342.00   4191258.00   458.90620 (15010517)   560362.00   4191258.00   614.02978
(15112108)
        560382.00   4191258.00   810.70129 (15112108)   560402.00   4191258.00   801.76177
(14112517)
        560422.00   4191258.00   860.07647 (14112517)   560442.00   4191258.00   734.65133
(14112517)
        560462.00   4191258.00   636.10337 (16112517)   560322.00   4191278.00   737.32743
(15010517)
        560342.00   4191278.00   487.12248 (15010517)   560362.00   4191278.00   539.34169
(15112108)
        560382.00   4191278.00   757.83298 (15112108)   560402.00   4191278.00   779.90432
(15112108)
        560422.00   4191278.00   834.06034 (14112517)   560442.00   4191278.00   759.26928
(14112517)
        559982.00   4191298.00   572.77403 (13040307)   560002.00   4191298.00   780.06133
(13040307)
        560022.00   4191298.00   837.33957 (13040307)   560042.00   4191298.00   705.08872
(13040307)
        560062.00   4191298.00   772.06178 (17112408)   560302.00   4191298.00   767.00105
(15010517)
        560322.00   4191298.00   735.46849 (15010517)   560342.00   4191298.00   511.91548
(15010517)
        560362.00   4191298.00   501.53732 (16012817)   560382.00   4191298.00   698.96587
(15112108)
        560402.00   4191298.00   770.17436 (15112108)   560422.00   4191298.00   797.62625
(14112517)
        560442.00   4191298.00   769.47627 (14112517)   559962.00   4191318.00   384.13067
(13040307)
        559982.00   4191318.00   614.08871 (13040307)   560002.00   4191318.00   785.14993
(13040307)
        560022.00   4191318.00   797.01599 (13040307)   560042.00   4191318.00   642.95226
(13102807)
        560062.00   4191318.00   770.41120 (17112408)   560082.00   4191318.00   794.05647
(17112408)
        560102.00   4191318.00   721.80079 (14012908)   560122.00   4191318.00   567.29567
(14012908)
        560142.00   4191318.00   534.79284 (16122807)   560162.00   4191318.00   698.27829
(15011607)
        560302.00   4191318.00   731.04585 (15010517)   560322.00   4191318.00   729.13218
(15010517)
        560342.00   4191318.00   533.08931 (15010517)   560362.00   4191318.00   471.47657
(16012817)
        560382.00   4191318.00   637.25625 (15112108)   560402.00   4191318.00   748.55229
(15112108)
        560422.00   4191318.00   752.25256 (14112517)   559962.00   4191338.00   431.13973
(13040307)
        559982.00   4191338.00   646.55066 (13040307)   560002.00   4191338.00   779.43301
(13040307)
        560022.00   4191338.00   750.88963 (13040307)   560042.00   4191338.00   644.30044
(14122007)
        560062.00   4191338.00   762.95936 (17112408)   560082.00   4191338.00   756.50607
(17112408)
        560102.00   4191338.00   686.32708 (14012908)   560122.00   4191338.00   527.93523
(14012908)
        560142.00   4191338.00   522.92022 (16122807)   560162.00   4191338.00   683.24773
(15011607)
        560182.00   4191338.00   735.38479 (15011607)   560202.00   4191338.00   617.64215
(15011607)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BLPM ***

INCLUDING SOURCE(S): BLPM ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
560222.00	4191338.00	631.55174	(13011807)	560242.00	4191338.00	591.40526	(13011807)
560302.00	4191338.00	694.56136	(15010517)	560322.00	4191338.00	718.97094	(15010517)
560342.00	4191338.00	550.73891	(15010517)	560362.00	4191338.00	438.34909	(16012817)
560382.00	4191338.00	575.07606	(15112108)	560402.00	4191338.00	717.48948	(15112108)
560422.00	4191338.00	701.11022	(14112517)	559962.00	4191358.00	474.72775	(13040307)
559982.00	4191358.00	670.30525	(13040307)	560002.00	4191358.00	764.44767	(13040307)
560022.00	4191358.00	700.52763	(13040307)	560042.00	4191358.00	644.88147	(14122007)
560062.00	4191358.00	750.87036	(17112408)	560082.00	4191358.00	717.64201	(17112408)
560102.00	4191358.00	651.08543	(14012908)	560122.00	4191358.00	490.86307	(14012908)
560142.00	4191358.00	510.58760	(16122807)	560162.00	4191358.00	668.33071	(15011607)
560182.00	4191358.00	711.79270	(15011607)	560202.00	4191358.00	596.00585	(15011607)
560222.00	4191358.00	612.06471	(13011807)	560242.00	4191358.00	575.81282	(13011807)
560262.00	4191358.00	469.91080	(14012008)	560282.00	4191358.00	604.37385	(14012008)
560302.00	4191358.00	658.34458	(15010517)	560322.00	4191358.00	705.63298	(15010517)
560342.00	4191358.00	564.52719	(15010517)	560362.00	4191358.00	403.49174	(16012817)
560382.00	4191358.00	514.02440	(15112108)	560402.00	4191358.00	678.00344	(15112108)
559962.00	4191378.00	513.53151	(13040307)	559982.00	4191378.00	685.25427	(13040307)
560002.00	4191378.00	741.19515	(13040307)	560022.00	4191378.00	648.10364	(13040307)
560042.00	4191378.00	639.13342	(14122007)	560062.00	4191378.00	734.79368	(17112408)
560082.00	4191378.00	684.99649	(14012908)	560102.00	4191378.00	616.43408	(14012908)
560122.00	4191378.00	467.47512	(13021507)	560142.00	4191378.00	497.70769	(16122807)
560162.00	4191378.00	653.78766	(15011607)	560182.00	4191378.00	689.33159	(15011607)
560202.00	4191378.00	575.58205	(15011607)	560222.00	4191378.00	593.57386	(13011807)
560242.00	4191378.00	560.88350	(13011807)	560262.00	4191378.00	459.72442	(13011807)
560282.00	4191378.00	577.42741	(14012008)	560302.00	4191378.00	633.13455	(14012008)
560322.00	4191378.00	689.44837	(15010517)	560342.00	4191378.00	574.73526	

(15010517)
559982.00 4191398.00 691.24122 (13040307) 560002.00 4191398.00 711.58084
(13040307)
560022.00 4191398.00 595.00697 (13040307) 560042.00 4191398.00 642.25052
(17112408)
560062.00 4191398.00 715.06482 (17112408) 560082.00 4191398.00 663.00589
(14012908)
560102.00 4191398.00 582.72583 (14012908) 560122.00 4191398.00 446.19901
(13021507)
560142.00 4191398.00 488.71388 (15011607) 560162.00 4191398.00 639.60889
(15011607)
560182.00 4191398.00 667.91038 (15011607) 560202.00 4191398.00 556.26334
(15011607)
560222.00 4191398.00 576.01508 (13011807) 560242.00 4191398.00 546.52307
(13011807)
560262.00 4191398.00 451.67057 (13011807) 560282.00 4191398.00 551.36650
(14012008)
559982.00 4191418.00 688.04030 (13040307) 560002.00 4191418.00 676.03474
(13040307)
560022.00 4191418.00 552.38981 (13102807) 560042.00 4191418.00 645.51929
(17112408)
560062.00 4191418.00 692.55709 (17112408) 560082.00 4191418.00 640.02641
(14012908)
560102.00 4191418.00 550.06550 (14012908) 560122.00 4191418.00 425.19766
(13021507)
560142.00 4191418.00 485.17734 (15011607) 560162.00 4191418.00 625.53991
(15011607)
560182.00 4191418.00 647.45496 (15011607) 560202.00 4191418.00 537.91032
(15011607)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BLPM
***

INCLUDING SOURCE(S): BLPM ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
560222.00	4191418.00	559.32484	(13011807)	560242.00	4191418.00	532.82439	(13011807)
560262.00	4191418.00	443.62060	(13011807)	560002.00	4191438.00	635.96746	(13040307)
560022.00	4191438.00	548.21199	(14122007)	560042.00	4191438.00	644.50356	(17112408)
560062.00	4191438.00	667.94380	(17112408)	560082.00	4191438.00	616.40628	(14012908)
560102.00	4191438.00	518.66082	(14012908)	560122.00	4191438.00	404.22322	(13021507)
560142.00	4191438.00	481.45231	(15011607)	560162.00	4191438.00	611.69444	(15011607)
560182.00	4191438.00	627.89299	(15011607)	560202.00	4191438.00	520.44968	(15011607)
560222.00	4191438.00	543.44249	(13011807)	560242.00	4191438.00	519.58252	(13011807)
560262.00	4191438.00	435.77206	(13011807)	560042.00	4191458.00	637.87815	(17112408)
560062.00	4191458.00	641.39267	(17112408)	560082.00	4191458.00	592.05100	(14012908)

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        560102.00   4191458.00      488.45505  (14012908)              560122.00   4191458.00      395.52916
(16122807)
        560142.00   4191458.00      477.49594  (15011607)              560162.00   4191458.00      598.15300
(15011607)
        560182.00   4191458.00      609.17911  (15011607)              560202.00   4191458.00      503.84597
(15011607)
        560222.00   4191458.00      528.30145  (13011807)              560242.00   4191458.00      506.84747
(13011807)
        560262.00   4191458.00      427.94856  (13011807)              560142.00   4191478.00      472.54147
(15011607)
        560162.00   4191478.00      584.61235  (15011607)              560182.00   4191478.00      590.86505
(15011607)
        560202.00   4191478.00      487.94887  (15011607)              560222.00   4191478.00      513.85998
(13011807)
        560242.00   4191478.00      494.59716  (13011807)              560155.00   4190663.00     4712.32741
(13040307)
        560175.00   4190663.00     5473.30908  (17112408)              560115.00   4190683.00     3173.39376
(13012409)
        560135.00   4190683.00     2205.72259  (14122308)              560155.00   4190683.00     4785.52373
(13040307)
        560175.00   4190683.00     4957.27623  (17112408)              560095.00   4190703.00     2501.52714
(13012409)
        560115.00   4190703.00     2622.23276  (13012409)              560135.00   4190703.00     2317.05783
(13040307)
        560155.00   4190703.00     4461.16476  (13040307)              560175.00   4190703.00     4355.23620
(17112408)
        560095.00   4190723.00     2514.36642  (13012409)              560115.00   4190723.00     1984.09531
(14122308)
        560135.00   4190723.00     2801.88485  (13040307)              560155.00   4190723.00     3908.15803
(13040307)
        560175.00   4190723.00     3754.83724  (14012908)              560195.00   4190723.00     3673.55980
(15011607)
        560095.00   4190743.00     2209.90030  (13012409)              560115.00   4190743.00     1458.93417
(14122308)
        560135.00   4190743.00     3076.24058  (13040307)              560155.00   4190743.00     3272.37373
(13040307)
        560175.00   4190743.00     3326.48332  (14012908)              560195.00   4190743.00     3369.86803
(15011607)
        560075.00   4190763.00     2045.62388  (13012409)              560095.00   4190763.00     1752.37237
(14122308)
        560115.00   4190763.00     1447.51453  (13040307)              560135.00   4190763.00     3134.83823
(13040307)
        560155.00   4190763.00     3083.49952  (17112408)              560175.00   4190763.00     2925.49853
(14012908)
        560195.00   4190763.00     3100.75540  (15011607)              560215.00   4190763.00     2754.30835
(13011807)
        560075.00   4190783.00     1878.88530  (13012409)              560095.00   4190783.00     1391.93389
(14122308)
        560115.00   4190783.00     1798.23595  (13040307)              560135.00   4190783.00     3015.03216
(13040307)
        560155.00   4190783.00     2972.95821  (17112408)              560175.00   4190783.00     2560.91649
(14012908)
        560195.00   4190783.00     2861.61578  (15011607)              560215.00   4190783.00     2521.57269
(13011807)
        560235.00   4190783.00     2601.10743  (14012008)              560075.00   4190803.00     1574.91882
(13012409)
        560095.00   4190803.00     1040.32908  (14122308)              560115.00   4190803.00     2064.35699
(13040307)
        560135.00   4190803.00     2769.77491  (13040307)              560155.00   4190803.00     2797.59554
(17112408)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

PAGE  1052
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

                            *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  BLPM
```

***
INCLUDING SOURCE(S): BLPM ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
560175.00	4190803.00	2235.62296	(14012908)	560195.00	4190803.00	2648.69348	(15011607)
560215.00	4190803.00	2320.83269	(13011807)	560235.00	4190803.00	2343.40757	(14012008)
560255.00	4190803.00	2504.70254	(15010517)	560275.00	4190803.00	2341.04813	(15112108)
560075.00	4190823.00	1291.80225	(14122308)	560095.00	4190823.00	974.84377	(13040307)
560115.00	4190823.00	2221.41920	(13040307)	560135.00	4190823.00	2444.93679	(13040307)
560155.00	4190823.00	2561.17268	(17112408)	560175.00	4190823.00	1945.60419	(14012908)
560195.00	4190823.00	2458.53902	(15011607)	560215.00	4190823.00	2145.77581	(13011807)
560235.00	4190823.00	2113.45210	(14012008)	560255.00	4190823.00	2402.82002	(15010517)
560275.00	4190823.00	1914.66980	(15112108)	560295.00	4190823.00	2445.97110	(14112517)
560315.00	4190823.00	2199.08612	(14112517)	560115.00	4190843.00	2268.03651	(13040307)
560135.00	4190843.00	2103.81176	(13040307)	560155.00	4190843.00	2322.10246	(17112408)
560175.00	4190843.00	1691.48199	(14012908)	560195.00	4190843.00	2284.36305	(15011607)
560215.00	4190843.00	1991.89723	(13011807)	560235.00	4190843.00	1909.11878	(14012008)
560255.00	4190843.00	2271.49575	(15010517)	560275.00	4190843.00	1528.43094	(15112108)
560295.00	4190843.00	2250.09122	(15112108)	560315.00	4190843.00	2252.95664	(14112517)
560335.00	4190843.00	1652.92953	(16112517)	560195.00	4190863.00	2120.02407	(15011607)
560215.00	4190863.00	1855.87299	(13011807)	560235.00	4190863.00	1727.57061	(14012008)
560255.00	4190863.00	2121.91737	(15010517)	560275.00	4190863.00	1428.18554	(15010517)
560295.00	4190863.00	2081.26087	(15112108)	560315.00	4190863.00	2195.83986	(14112517)
560335.00	4190863.00	1624.64035	(16112517)	560075.00	4190883.00	687.89619	(13040307)
560095.00	4190883.00	1611.22292	(13040307)	560115.00	4190883.00	2096.10706	(13040307)
560255.00	4190883.00	1963.43218	(15010517)	560275.00	4190883.00	1500.22270	(15010517)
560295.00	4190883.00	1855.40942	(15112108)	560315.00	4190883.00	2052.05274	(14112517)
560335.00	4190883.00	1684.23271	(14112517)				

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BOATL
***

INCLUDING SOURCE(S): L0000445 , L0000446 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 559917.30	559937.30	559957.30	559977.30	559997.30
4191625.2	280.07104 (13040307)	298.78807 (13040307)	295.19020 (13040307)	269.75297 (13040307)	289.73723 (14122007)
4191605.2	278.81708 (13040307)	303.28370 (13040307)	305.05801 (13040307)	283.37974 (13040307)	293.72237 (14122007)
4191585.2	276.16063 (13040307)	306.53597 (13040307)	314.15788 (13040307)	296.87647 (13040307)	296.46509 (14122007)
4191565.2	272.04956 (13040307)	308.41196 (13040307)	322.32007 (13040307)	309.87736 (13040307)	296.90812 (14122007)
4191545.2	266.45264 (13040307)	308.45550 (13040307)	328.88156 (13040307)	322.11440 (13040307)	296.49907 (14122007)
4191525.2	259.27280 (13040307)	306.55617 (13040307)	333.70168 (13040307)	333.40113 (13040307)	304.05669 (13040307)
4191505.2	250.71210 (13040307)	303.59990 (13040307)	337.92328 (13040307)	344.78880 (13040307)	321.30857 (13040307)
4191485.2	240.73086 (13040307)	298.87214 (13040307)	340.49438 (13040307)	354.95016 (13040307)	337.66249 (13040307)
4191465.2	229.41224 (13040307)	292.33037 (13040307)	341.24828 (13040307)	363.82541 (13040307)	353.26846 (13040307)
4191445.2	216.95553 (13040307)	284.75254 (13040307)	341.20624 (13040307)	372.46669 (13040307)	369.53180 (13040307)
4191425.2	203.34156 (13040307)	274.80433 (13040307)	338.59017 (13040307)	379.12430 (13040307)	384.73883 (13040307)
4191405.2	188.83741 (13040307)	262.89839 (13040307)	333.44263 (13040307)	383.42402 (13040307)	398.45410 (13040307)
4191385.2	174.01603 (13040307)	249.47220 (13040307)	325.69333 (13040307)	384.85227 (13040307)	410.04048 (13040307)
4191365.2	158.49246 (13040307)	234.57505 (13040307)	315.66274 (13040307)	383.81758 (13040307)	419.80966 (13040307)
4191345.2	142.63441 (13040307)	218.32777 (13040307)	303.38910 (13040307)	380.13829 (13040307)	427.42573 (13040307)
4191325.2	156.54543 (14122308)	201.07344 (13040307)	288.96958 (13040307)	373.67447 (13040307)	432.55207 (13040307)
4191305.2	175.21097 (14122308)	183.30771 (13040307)	272.56448 (13040307)	364.02532 (13040307)	434.74472 (13040307)
4191285.2	194.72739 (14122308)	165.16740 (13040307)	254.48922 (13040307)	351.13218 (13040307)	433.80521 (13040307)
4191265.2	214.69355 (14122308)	177.26340 (14122308)	235.07450 (13040307)	336.74322 (13040307)	429.74997 (13040307)
4191245.2	234.65549 (14122308)	199.00606 (14122308)	214.35731 (13040307)	319.29323 (13040307)	422.11066 (13040307)
4191225.2	254.02460 (14122308)	221.64122 (14122308)	192.84825 (13040307)	299.07411 (13040307)	410.64363 (13040307)
4191205.2	272.10104 (14122308)	244.67354 (14122308)	202.35213 (14122308)	276.63571 (13040307)	394.55670 (13040307)
4191185.2	288.08978 (14122308)	267.45640 (14122308)	227.85768 (14122308)	252.18951 (13040307)	375.16322 (13040307)
4191165.2	301.13082 (14122308)	289.18970 (14122308)	254.27040 (14122308)	226.36571 (13040307)	352.72453 (13040307)
4191145.2	310.34563 (14122308)	308.93131 (14122308)	281.13380 (14122308)	233.03462 (14122308)	327.62251 (13040307)
4191125.2	314.90036 (14122308)	325.62710 (14122308)	307.26536 (14122308)	263.54153 (14122308)	299.92229 (13040307)
4191105.2	337.38585 (16010407)	338.16333 (14122308)	331.59485 (14122308)	294.86787 (14122308)	270.09035 (13040307)
4191085.2	359.10620 (16010407)	345.39142 (14122308)	352.87608 (14122308)	326.14009 (14122308)	271.24330 (14122308)
4191065.2	374.56332 (16010407)	365.96784 (16010407)	369.69927 (14122308)	356.07859 (14122308)	

307.75539 (14122308)
 4191045.2 | 381.73682 (16010407)   392.35747 (16010407)   380.62279 (14122308)   383.12701 (14122308)
345.10002 (14122308)
 4191025.2 | 378.48794 (16010407)   410.87835 (16010407)   398.97237 (16010407)   405.50620 (14122308)
381.83019 (14122308)
 4191005.2 | 392.64011 (13121607)   419.22075 (16010407)   430.58310 (16010407)   421.31995 (14122308)
416.08712 (14122308)
 4190985.2 | 405.77034 (13121607)   415.49212 (16010407)   453.08946 (16010407)   437.06764 (16010407)
445.64049 (14122308)
 4190965.2 | 402.71609 (13121607)   433.85129 (13121607)   463.41301 (16010407)   475.42750 (16010407)
468.00159 (14122308)
 4190945.2 | 382.09387 (13121607)   445.56149 (13121607)   459.07480 (16010407)   503.09592 (16010407)
480.68167 (16010407)
 4190925.2 | 381.47354 (16120817)   437.37705 (13121607)   482.18880 (13121607)   516.01570 (16010407)
527.67336 (16010407)
 4190905.2 | 424.40987 (16122907)   408.16570 (13121607)   491.36198 (13121607)   510.88397 (16010407)
562.03636 (16010407)
 4190885.2 | 478.77407 (16122907)   428.71413 (16122907)   475.88194 (13121607)   539.24381 (13121607)
579.01870 (16010407)
 4190865.2 | 530.70709 (13032907)   500.85424 (16122907)   460.32925 (16120817)   544.30688 (13121607)
575.44267 (13121607)
 4190845.2 | 573.29576 (13032907)   557.81867 (13032907)   517.78045 (16122907)   518.43166 (13121607)
607.74122 (13121607)

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 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: BOATL
***
                               INCLUDING SOURCE(S):   L0000445   , L0000446   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 559917.30   559937.30   559957.30   559977.30
559997.30
 -
- - - - - - - -

 4190825.2 | 580.11409 (13032907)   617.19046 (13032907)   583.92245 (16122907)   527.46728 (16122907)
605.10040 (13121607)
 4190805.2 | 619.33670 (16011807)   637.65774 (13032907)   662.97989 (13032907)   619.53245 (16122907)
569.42938 (16120817)
 4190785.2 | 647.43661 (16011807)   665.31462 (16011807)   699.55634 (13032907)   707.78829 (13032907)
648.72810 (16122907)
 4190765.2 | 639.17107 (15102707)   705.73874 (16011807)   717.85577 (16011807)   770.33797 (13032907)
756.16234 (13032907)
 4190745.2 | 641.53724 (15102707)   698.59363 (15102707)   776.24131 (16011807)   778.52045 (16011807)
849.02393 (13032907)
 4190725.2 | 725.80409 (15120208)   711.56232 (15120208)   767.98233 (15102707)   855.96295 (16011807)
869.30988 (13032907)
 4190705.2 | 740.17448 (16011808)   796.00105 (15120208)   793.11520 (15120208)   849.26981 (15102707)
949.04797 (16011807)
 4190685.2 | 803.35563 (16011808)   833.11621 (16011808)   874.65866 (15120208)   889.03710 (15120208)
946.25721 (15102707)
 4190665.2 | 751.14140 (13121108)   869.78763 (16011808)   936.93346 (16011808)   967.36642 (15020308)
1003.28301 (15120208)
 4190645.2 | 853.86334 (13121108)   877.47248 (13121108)   933.54114 (16011808)   1051.30131 (16011808)
1084.04302 (15020308)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BOATL ***

INCLUDING SOURCE(S): L0000445 , L0000446 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	560017.30	560037.30	560057.30	560077.30	560097.30
4191625.2	301.57267 (17112408)	301.63885 (17112408)	277.23676 (17112408)	241.94968 (14012908)	227.47335 (13021507)
4191605.2	306.53284 (17112408)	310.73083 (17112408)	289.08449 (17112408)	250.97031 (14012908)	233.87131 (13021507)
4191585.2	310.48371 (17112408)	319.37285 (17112408)	301.19626 (17112408)	260.28436 (14012908)	240.24640 (13021507)
4191565.2	312.87879 (14122007)	326.83025 (17112408)	312.78394 (17112408)	272.76347 (17112408)	246.45078 (13021507)
4191545.2	319.24385 (14122007)	334.15901 (17112408)	324.02124 (17112408)	285.94536 (17112408)	252.68092 (13021507)
4191525.2	325.48236 (14122007)	341.28713 (17112408)	334.94168 (17112408)	299.35707 (17112408)	260.40284 (14012908)
4191505.2	331.36062 (14122007)	348.01252 (17112408)	346.56436 (17112408)	313.60856 (17112408)	271.54630 (14012908)
4191485.2	335.91180 (14122007)	354.25814 (17112408)	359.12005 (17112408)	329.53115 (17112408)	283.92235 (14012908)
4191465.2	339.00409 (14122007)	359.92245 (17112408)	371.81018 (17112408)	345.95321 (17112408)	296.77385 (14012908)
4191445.2	342.07090 (14122007)	366.77122 (14122007)	383.14382 (17112408)	361.40156 (17112408)	309.16466 (14012908)
4191425.2	353.75025 (13040307)	376.20147 (14122007)	393.81598 (17112408)	377.07568 (17112408)	324.46988 (17112408)
4191405.2	373.95097 (13040307)	383.90633 (14122007)	403.80595 (17112408)	392.89365 (17112408)	342.59880 (17112408)
4191385.2	393.59787 (13040307)	390.21326 (14122007)	413.06114 (17112408)	408.75762 (17112408)	361.47127 (17112408)
4191365.2	412.66197 (13040307)	394.91384 (14122007)	421.42656 (17112408)	424.55210 (17112408)	381.05835 (17112408)
4191345.2	430.80379 (13040307)	397.79934 (14122007)	428.73574 (17112408)	440.14234 (17112408)	401.31655 (17112408)
4191325.2	447.64329 (13040307)	413.14303 (13040307)	435.44830 (14122007)	455.37276 (17112408)	422.18512 (17112408)
4191305.2	462.76334 (13040307)	437.89236 (13040307)	446.61235 (14122007)	470.06558 (17112408)	443.58305 (17112408)
4191285.2	475.71584 (13040307)	462.20161 (13040307)	456.04207 (14122007)	484.01974 (17112408)	465.40578 (17112408)
4191265.2	486.03113 (13040307)	485.62810 (13040307)	463.42013 (14122007)	497.01029 (17112408)	487.52160 (17112408)
4191245.2	493.23101 (13040307)	507.66297 (13040307)	468.42217 (14122007)	508.78840 (17112408)	509.76783 (17112408)
4191225.2	496.84591 (13040307)	527.73392 (13040307)	490.45837 (13040307)	519.08222 (17112408)	531.94682 (17112408)
4191205.2	495.07204 (13040307)	543.94616 (13040307)	521.76790 (13040307)	527.93387 (14122007)	553.82196 (17112408)
4191185.2	489.44051 (13040307)	557.22135 (13040307)	551.63146 (13040307)	541.86592 (14122007)	575.11385 (17112408)
4191165.2	479.88525 (13040307)	567.02268 (13040307)	579.34982 (13040307)	552.75234 (14122007)	595.49684 (17112408)
4191145.2	465.45953 (13040307)	572.49370 (13040307)	606.31488 (13040307)	561.21726 (14122007)	614.59643 (17112408)
4191125.2	446.12917 (13040307)	572.66171 (13040307)	630.18620 (13040307)	593.53689 (13040307)	

631.98784 (17112408)
 4191105.2 | 422.03630 (13040307)   566.94710 (13040307)   649.97880 (13040307)   634.66242 (13040307)
647.19645 (17112408)
 4191085.2 | 393.52313 (13040307)   554.89661 (13040307)   664.64796 (13040307)   674.60137 (13040307)
659.70079 (17112408)
 4191065.2 | 361.14615 (13040307)   536.23709 (13040307)   673.13001 (13040307)   712.22097 (13040307)
677.94262 (14122007)
 4191045.2 | 325.67647 (13040307)   510.93071 (13040307)   674.39875 (13040307)   745.73133 (13040307)
692.62042 (14122007)
 4191025.2 | 319.89860 (14122308)   479.22607 (13040307)   667.53803 (13040307)   772.84859 (13040307)
739.16318 (13040307)
 4191005.2 | 364.43371 (14122308)   441.69835 (13040307)   650.10309 (13040307)   792.67232 (13040307)
793.22874 (13040307)
 4190985.2 | 409.50265 (14122308)   398.92443 (13040307)   621.75533 (13040307)   802.59036 (13040307)
846.78810 (13040307)
 4190965.2 | 452.92606 (14122308)   383.22943 (14122308)   587.53728 (13040307)   802.56403 (13040307)
889.63605 (13040307)
 4190945.2 | 491.54085 (14122308)   437.68588 (14122308)   543.86676 (13040307)   792.68752 (13040307)
928.21628 (13040307)
 4190925.2 | 522.09884 (14122308)   491.26412 (14122308)   492.53665 (13040307)   771.13146 (13040307)
959.58055 (13040307)
 4190905.2 | 542.12075 (14122308)   542.39443 (14122308)   465.66440 (14122308)   736.20029 (13040307)
980.27952 (13040307)
 4190885.2 | 590.27314 (16010407)   585.70215 (14122308)   535.01377 (14122308)   687.97116 (13040307)
986.16337 (13040307)
 4190865.2 | 634.93073 (16010407)   616.34689 (14122308)   602.58256 (14122308)   627.41677 (13040307)
974.63480 (13040307)
 4190845.2 | 655.93331 (16010407)   664.80474 (16010407)   662.89960 (14122308)   581.44757 (14122308)
943.68332 (13040307)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: BOATL
***
                               INCLUDING SOURCE(S):   L0000445   , L0000446   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560017.30   560037.30   560057.30   560077.30
560097.30
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- - - - - - - -

 4190825.2 | 655.28753 (13121607)   721.89600 (16010407)   709.81758 (14122308)   670.89681 (14122308)
892.28958 (13040307)
 4190805.2 | 686.97122 (13121607)   752.40095 (16010407)   761.78004 (16010407)   755.09532 (14122308)
820.84686 (13040307)
 4190785.2 | 676.35538 (13121607)   759.98981 (13121607)   835.57134 (16010407)   824.79910 (14122308)
747.48714 (14122308)
 4190765.2 | 669.91504 (16122907)   790.03434 (13121607)   872.97129 (16010407)   881.39895 (16010407)
865.57335 (14122308)
 4190745.2 | 800.84426 (13032907)   759.22391 (13121607)   882.80824 (13121607)   979.58617 (16010407)
970.58030 (14122308)
 4190725.2 | 932.49239 (13032907)   845.76694 (16122907)   909.64574 (13121607)   1034.60095 (16010407)
1046.16256 (14122308)
 4190705.2 | 985.11370 (13032907)   1020.70121 (13032907)   889.92216 (16120817)   1053.13089 (13121607)
1174.70607 (16010407)
 4190685.2 | 1058.66717 (16011807)   1119.60034 (13032907)   1112.94253 (13032907)   1064.53875 (13121607)
1246.12542 (16010407)
 4190665.2 | 1063.55539 (15102707)   1188.99562 (16011807)   1275.34383 (13032907)   1194.26757 (13032907)
1261.68246 (13121607)

 4190645.2 | 1140.75197 (15120208)   1207.67483 (15102707)   1345.64252 (16011807)   1442.24141 (13032907)
1252.35890 (13032907)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: BOATL
***
                               INCLUDING SOURCE(S):   L0000445   , L0000446   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560117.30   560137.30   560157.30   560177.30
560197.30
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- - - - - - - -

 4191625.2 | 232.53565 (16122807)   262.31688 (15011607)   287.93950 (15011607)   290.48007 (15011607)
269.24120 (15011607)
 4191605.2 | 236.42983 (16122807)   266.50882 (15011607)   294.06042 (15011607)   297.61523 (15011607)
276.20344 (15011607)
 4191585.2 | 240.25388 (16122807)   270.75272 (15011607)   300.36342 (15011607)   305.02461 (15011607)
283.45836 (15011607)
 4191565.2 | 243.19218 (16122807)   274.02050 (15011607)   305.70763 (15011607)   311.55007 (15011607)
290.42309 (15011607)
 4191545.2 | 246.93771 (16122807)   278.14630 (15011607)   311.75471 (15011607)   318.89299 (15011607)
298.11597 (15011607)
 4191525.2 | 251.12073 (16122807)   283.14767 (15011607)   318.76272 (15011607)   327.33455 (15011607)
306.49320 (15011607)
 4191505.2 | 254.47074 (16122807)   288.45314 (15011607)   328.15227 (15011607)   338.36575 (15011607)
317.05790 (15011607)
 4191485.2 | 263.55211 (13021507)   293.91606 (15011607)   336.78196 (15011607)   348.76510 (15011607)
326.98191 (15011607)
 4191465.2 | 274.01127 (13021507)   299.30072 (15011607)   344.93847 (15011607)   358.83193 (15011607)
336.77392 (15011607)
 4191445.2 | 283.64824 (13021507)   303.85613 (15011607)   352.80882 (15011607)   368.76630 (15011607)
346.79290 (15011607)
 4191425.2 | 293.38196 (13021507)   308.41440 (15011607)   360.91509 (15011607)   379.12949 (15011607)
357.29929 (15011607)
 4191405.2 | 303.17164 (13021507)   312.96367 (15011607)   369.26279 (15011607)   389.94625 (15011607)
368.32647 (15011607)
 4191385.2 | 312.96946 (13021507)   318.98826 (16122807)   377.85706 (15011607)   401.24302 (15011607)
379.91078 (15011607)
 4191365.2 | 323.45302 (14012908)   326.19097 (16122807)   386.70248 (15011607)   413.04812 (15011607)
392.09183 (15011607)
 4191345.2 | 339.56393 (14012908)   333.33975 (16122807)   395.80296 (15011607)   425.39184 (15011607)
404.91291 (15011607)
 4191325.2 | 356.37820 (14012908)   340.39792 (16122807)   405.16154 (15011607)   438.30665 (15011607)
418.42136 (15011607)
 4191305.2 | 373.89393 (14012908)   347.32378 (16122807)   414.78018 (15011607)   451.82731 (15011607)
432.66907 (15011607)
 4191285.2 | 392.61111 (17112408)   354.07012 (16122807)   424.65949 (15011607)   465.99107 (15011607)
447.71301 (15011607)
 4191265.2 | 417.91760 (17112408)   364.71954 (13021507)   434.79844 (15011607)   480.83783 (15011607)
463.61584 (15011607)
 4191245.2 | 444.53042 (17112408)   380.41104 (13021507)   445.19399 (15011607)   496.41036 (15011607)
480.44662 (15011607)
 4191225.2 | 472.42591 (17112408)   396.39343 (13021507)   455.84068 (15011607)   512.75444 (15011607)
498.28161 (15011607)
 4191205.2 | 501.55429 (17112408)   414.07015 (14012908)   466.73002 (15011607)   529.91903 (15011607)
517.20509 (15011607)
 4191185.2 | 531.83352 (17112408)   438.71640 (14012908)   477.85007 (15011607)   547.95662 (15011607)

537.31069 (15011607)
 4191165.2 | 563.14211 (17112408)   464.76156 (14012908)   489.18473 (15011607)   566.92340 (15011607)
558.70249 (15011607)
 4191145.2 | 595.31099 (17112408)   492.23242 (14012908)   500.71273 (15011607)   586.87924 (15011607)
581.49633 (15011607)
 4191125.2 | 628.11431 (17112408)   525.89182 (17112408)   512.40677 (15011607)   607.88798 (15011607)
605.82159 (15011607)
 4191105.2 | 661.25941 (17112408)   565.69199 (17112408)   524.23235 (15011607)   630.01752 (15011607)
631.82311 (15011607)
 4191085.2 | 694.37590 (17112408)   608.00858 (17112408)   536.14652 (15011607)   653.33988 (15011607)
659.66347 (15011607)
 4191065.2 | 727.00464 (17112408)   652.81415 (17112408)   548.09624 (15011607)   677.93120 (15011607)
689.52569 (15011607)
 4191045.2 | 758.58714 (17112408)   700.01650 (17112408)   560.01668 (15011607)   703.87156 (15011607)
721.61635 (15011607)
 4191025.2 | 788.06702 (17112408)   749.43894 (17112408)   598.91984 (14012908)   731.24472 (15011607)
756.16936 (15011607)
 4191005.2 | 814.95355 (17112408)   800.79710 (17112408)   643.52368 (14012908)   760.13757 (15011607)
793.45035 (15011607)
 4190985.2 | 838.85297 (17112408)   853.67169 (17112408)   691.49903 (14012908)   790.63930 (15011607)
833.76202 (15011607)
 4190965.2 | 853.65639 (17112408)   905.13725 (17112408)   755.08914 (17112408)   822.84023 (15011607)
875.86362 (15011607)
 4190945.2 | 868.38979 (14122007)   952.59108 (17112408)   820.06350 (17112408)   851.80850 (15011607)
917.61456 (15011607)
 4190925.2 | 939.19299 (13040307)   992.37759 (17112408)   881.09008 (17112408)   874.02907 (15011607)
955.88299 (15011607)
 4190905.2 | 1016.78877 (13040307)   1040.86293 (17112408)   959.68176 (17112408)   909.92331 (15011607)
1009.83723 (15011607)
 4190885.2 | 1090.07438 (13040307)   1089.13395 (17112408)   1048.77600 (17112408)   949.17563 (15011607)
1072.34661 (15011607)
 4190865.2 | 1155.22167 (13040307)   1132.05114 (17112408)   1146.99354 (17112408)   990.49210 (15011607)
1142.95766 (15011607)
 4190845.2 | 1207.70020 (13040307)   1156.96653 (17112408)   1230.60959 (17112408)   1039.12479 (15011607)
1220.87579 (15011607)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: BOATL
***
                               INCLUDING SOURCE(S):   L0000445   , L0000446   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560117.30   560137.30   560157.30   560177.30
560197.30
 -
- - - - - - - -

 4190825.2 | 1242.45395 (13040307)   1274.08769 (13040307)   1330.85431 (17112408)   1088.46862 (15011607)
1305.23489 (15011607)
 4190805.2 | 1254.25102 (13040307)   1400.39383 (13040307)   1440.07443 (17112408)   1199.64468 (17112408)
1394.76885 (15011607)
 4190785.2 | 1238.24384 (13040307)   1510.04250 (13040307)   1535.69871 (17112408)   1345.51796 (17112408)
1494.27825 (15011607)
 4190765.2 | 1190.74649 (13040307)   1601.93607 (13040307)   1625.31162 (17112408)   1507.73820 (17112408)
1605.28251 (15011607)
 4190745.2 | 1110.17667 (13040307)   1666.21121 (13040307)   1704.10961 (17112408)   1686.57431 (17112408)
1729.58780 (15011607)
 4190725.2 | 998.01998 (13040307)   1692.26291 (13040307)   1887.70599 (13040307)   1881.35741 (17112408)
1869.34928 (15011607)

 4190705.2 | 1157.39077 (14122308)   1670.10192 (13040307)   2088.66703 (13040307)   2089.97737 (17112408)
2036.83162 (15011607)
 4190685.2 | 1285.29416 (14122308)   1592.35424 (13040307)   2265.66038 (13040307)   2308.24063 (17112408)
2233.58931 (15011607)
 4190665.2 | 1444.39579 (16010407)   1456.70015 (13040307)   2397.64127 (13040307)   2529.12787 (17112408)
2443.77253 (15011607)
 4190645.2 | 1550.68216 (16010407)   1634.67023 (14122308)   2461.00043 (13040307)   2742.07708 (17112408)
2685.45601 (15011607)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: BOATL
***
                                INCLUDING SOURCE(S):   L0000445   , L0000446   ,

                                 *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                      ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560217.30   560237.30   560257.30   560277.30
560297.30
 -
- - - - - - - -

 4191625.2 | 229.24777 (15011607)   192.03363 (14021108)   184.40255 (16020608)   213.76499 (16020608)
217.60175 (16020608)
 4191605.2 | 235.00723 (15011607)   195.91090 (14021108)   190.73978 (16020608)   219.80700 (16020608)
223.08549 (15010517)
 4191585.2 | 241.00556 (15011607)   199.91909 (14021108)   197.34303 (16020608)   226.00814 (16020608)
234.15320 (15010517)
 4191565.2 | 247.25683 (15011607)   204.06431 (14021108)   204.22440 (16020608)   232.36762 (16020608)
245.76358 (15010517)
 4191545.2 | 253.77621 (15011607)   208.35299 (14021108)   211.39642 (16020608)   238.88372 (16020608)
257.93529 (15010517)
 4191525.2 | 260.71164 (15011607)   212.89198 (14021108)   218.97318 (16020608)   245.55365 (16020608)
270.68588 (15010517)
 4191505.2 | 269.24098 (15011607)   218.56589 (14021108)   227.66508 (16020608)   253.03786 (16020608)
284.19422 (15010517)
 4191485.2 | 277.18591 (15011607)   223.71207 (14021108)   236.13263 (16020608)   260.33651 (16020608)
298.33093 (15010517)
 4191465.2 | 285.07082 (15011607)   228.72515 (14021108)   244.75229 (16020608)   267.49276 (16020608)
312.93176 (15010517)
 4191445.2 | 293.32886 (15011607)   233.92552 (14021108)   253.86114 (16020608)   275.32766 (16020608)
328.35355 (15010517)
 4191425.2 | 301.98522 (15011607)   239.32279 (14021108)   263.23598 (16020608)   282.99319 (16020608)
344.98870 (15010517)
 4191405.2 | 311.06733 (15011607)   244.92719 (14021108)   272.95523 (16020608)   290.62361 (16020608)
362.41447 (15010517)
 4191385.2 | 320.60509 (15011607)   250.74958 (14021108)   283.08768 (16020608)   300.04612 (15010517)
380.52695 (15010517)
 4191365.2 | 330.63116 (15011607)   256.80155 (14021108)   293.64862 (16020608)   317.63306 (15010517)
398.71682 (15010517)
 4191345.2 | 341.18129 (15011607)   263.09544 (14021108)   304.65301 (16020608)   336.28358 (15010517)
417.29132 (15010517)
 4191325.2 | 352.29466 (15011607)   269.64440 (14021108)   316.11523 (16020608)   356.04935 (15010517)
436.43347 (15010517)
 4191305.2 | 364.01430 (15011607)   276.46246 (14021108)   328.04883 (16020608)   376.98072 (15010517)
456.09526 (15010517)
 4191285.2 | 376.38756 (15011607)   283.56459 (14021108)   340.46613 (16020608)   399.12557 (15010517)
476.21341 (15010517)
 4191265.2 | 389.46667 (15011607)   294.13421 (16020608)   353.37780 (16020608)   422.52764 (15010517)
496.70654 (15010517)
 4191245.2 | 403.30935 (15011607)   308.10635 (16020608)   366.79231 (16020608)   447.22469 (15010517)

517.47238 (15010517)
 4191225.2 | 417.97953 (15011607)   322.94998 (16020608)   380.71532 (16020608)   473.24622 (15010517)
538.38463 (15010517)
 4191205.2 | 433.54813 (15011607)   338.73043 (16020608)   395.14887 (16020608)   500.61059 (15010517)
559.28953 (15010517)
 4191185.2 | 450.09423 (15011607)   355.51837 (16020608)   410.09047 (16020608)   529.32150 (15010517)
580.00227 (15010517)
 4191165.2 | 467.70608 (15011607)   373.39013 (16020608)   427.87815 (15010517)   559.36375 (15010517)
600.30323 (15010517)
 4191145.2 | 486.48239 (15011607)   392.42815 (16020608)   458.81936 (15010517)   590.69807 (15010517)
619.93422 (15010517)
 4191125.2 | 506.53392 (15011607)   412.72131 (16020608)   492.18928 (15010517)   623.25507 (15010517)
638.59492 (15010517)
 4191105.2 | 527.98539 (15011607)   434.36525 (16020608)   528.16132 (15010517)   656.92784 (15010517)
655.93980 (15010517)
 4191085.2 | 550.97763 (15011607)   457.46268 (16020608)   566.91128 (15010517)   691.56350 (15010517)
671.57581 (15010517)
 4191065.2 | 575.67027 (15011607)   482.12357 (16020608)   608.61350 (15010517)   726.95321 (15010517)
685.06144 (15010517)
 4191045.2 | 602.24481 (15011607)   508.46518 (16020608)   653.43547 (15010517)   762.82081 (15010517)
695.90767 (15010517)
 4191025.2 | 630.90846 (15011607)   536.61198 (16020608)   701.53035 (15010517)   798.81002 (15010517)
703.58166 (15010517)
 4191005.2 | 661.89870 (15011607)   566.69519 (16020608)   753.02707 (15010517)   834.47035 (15010517)
706.21484 (15010517)
 4190985.2 | 695.48886 (15011607)   598.55686 (16020608)   807.54176 (15010517)   868.16960 (15010517)
702.84857 (15010517)
 4190965.2 | 727.79286 (15011607)   627.04323 (16020608)   855.38437 (15010517)   889.60575 (15010517)
708.92516 (15112108)
 4190945.2 | 761.24768 (15011607)   664.77992 (15010517)   907.89313 (15010517)   912.36737 (15010517)
793.77404 (15112108)
 4190925.2 | 797.74352 (15011607)   726.84672 (15010517)   970.51649 (15010517)   937.94141 (15010517)
885.84575 (15112108)
 4190905.2 | 844.68644 (15011607)   804.72004 (15010517)   1047.61700 (15010517)   969.90080 (15010517)
990.56854 (15112108)
 4190885.2 | 900.60949 (15011607)   887.59112 (15010517)   1121.42080 (15010517)   990.17808 (15010517)
1089.09943 (15112108)
 4190865.2 | 963.62045 (15011607)   977.30160 (15010517)   1192.63356 (15010517)   999.26531 (15010517)
1177.71395 (15112108)
 4190845.2 | 1026.61773 (15011607)   1075.53271 (15010517)   1264.44015 (15010517)   1072.81848 (15112108)
1254.45728 (15112108)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: BOATL
***
                                INCLUDING SOURCE(S):   L0000445   , L0000446   ,

                                 *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                      ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560217.30   560237.30   560257.30   560277.30
560297.30
 -
- - - - - - - -

 4190825.2 | 1096.71364 (15011607)   1184.42097 (15010517)   1335.39594 (15010517)   1218.83811 (15112108)
1312.37468 (15112108)
 4190805.2 | 1175.07135 (15011607)   1304.86328 (15010517)   1403.58561 (15010517)   1368.84222 (15112108)
1386.50871 (14112517)
 4190785.2 | 1263.10785 (15011607)   1437.65670 (15010517)   1474.52072 (15010517)   1532.42038 (15112108)
1495.00631 (14112517)

 4190765.2 | 1362.56374 (15011607)   1592.65513 (15010517)   1540.35067 (15010517)   1675.19726 (15112108)
1566.24962 (14112517)
 4190745.2 | 1478.63627 (15011607)   1768.72049 (15010517)   1592.33079 (15010517)   1786.13190 (15112108)
1589.72432 (14112517)
 4190725.2 | 1608.54963 (15011607)   1946.01678 (15010517)   1814.76625 (15112108)   1933.49359 (14112517)
1558.27201 (16112517)
 4190705.2 | 1774.19162 (15011607)   2139.95884 (15010517)   2085.04617 (15112108)   2084.13608 (14112517)
1783.39297 (15021907)
 4190685.2 | 1971.19743 (15011607)   2345.91390 (15010517)   2348.14327 (15112108)   2174.38499 (14112517)
2156.69790 (13121417)
 4190665.2 | 2185.12587 (15011607)   2555.26775 (15010517)   2576.91269 (15112108)   2175.21810 (14112517)
2456.27967 (13121417)
 4190645.2 | 2440.22811 (15011607)   2765.07766 (15010517)   2907.54258 (14112517)   2600.81418 (13121417)
2530.38085 (13121417)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: BOATL
***
                                INCLUDING SOURCE(S):   L0000445   , L0000446   ,

                                 *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                      ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560317.30   560337.30   560357.30   560377.30
560397.30
 -
- - - - - - - -

 4191625.2 | 266.10638 (15010517)   300.78961 (15010517)   307.66411 (15010517)   283.00019 (15010517)
234.94986 (15010517)
 4191605.2 | 277.13663 (15010517)   309.95627 (15010517)   312.71394 (15010517)   283.70999 (15010517)
231.79551 (15010517)
 4191585.2 | 288.50879 (15010517)   318.94077 (15010517)   316.54240 (15010517)   283.42786 (15010517)
227.98041 (15010517)
 4191565.2 | 300.21224 (15010517)   328.19539 (15010517)   321.31163 (15010517)   282.38389 (15010517)
222.61822 (15010517)
 4191545.2 | 312.23219 (15010517)   337.36161 (15010517)   325.59681 (15010517)   280.93752 (15010517)
219.72633 (16012817)
 4191525.2 | 324.54898 (15010517)   346.38422 (15010517)   329.33225 (15010517)   279.19642 (15010517)
230.37324 (16012817)
 4191505.2 | 337.13745 (15010517)   355.20135 (15010517)   332.44903 (15010517)   276.68388 (15010517)
246.06016 (15112108)
 4191485.2 | 349.96609 (15010517)   363.74406 (15010517)   334.87539 (15010517)   273.36321 (15010517)
266.47252 (15112108)
 4191465.2 | 362.99620 (15010517)   371.93602 (15010517)   336.53742 (15010517)   269.20240 (15010517)
287.73887 (15112108)
 4191445.2 | 376.18101 (15010517)   379.69319 (15010517)   337.35978 (15010517)   264.17534 (15010517)
309.71271 (15112108)
 4191425.2 | 389.95389 (15010517)   386.92370 (15010517)   337.26671 (15010517)   259.80364 (16012817)
332.20200 (15112108)
 4191405.2 | 404.24559 (15010517)   393.78593 (15010517)   336.40377 (15010517)   280.61689 (15112108)
354.96381 (15112108)
 4191385.2 | 419.51418 (15010517)   402.42485 (15010517)   336.56999 (15010517)   307.42841 (15112108)
379.27489 (15112108)
 4191365.2 | 433.41811 (15010517)   408.40919 (15010517)   334.02542 (15010517)   334.72910 (15112108)
403.07916 (15112108)
 4191345.2 | 446.57822 (15010517)   412.62365 (15010517)   329.60743 (15010517)   362.66138 (15112108)
425.75298 (15112108)
 4191325.2 | 459.39396 (15010517)   415.73778 (15010517)   323.92995 (15010517)   391.02980 (15112108)
446.35835 (15112108)
 4191305.2 | 471.73085 (15010517)   417.61782 (15010517)   326.83737 (15112108)   419.78296 (15112108)

465.15153 (15112108)
 4191285.2 | 483.43755 (15010517)   418.12725 (15010517)   358.86967 (15112108)   448.48253 (15112108)
481.54433 (15112108)
 4191265.2 | 494.34486 (15010517)   417.12904 (15010517)   392.62627 (15112108)   476.59526 (15112108)
494.91263 (15112108)
 4191245.2 | 504.26534 (15010517)   414.48864 (15010517)   427.82998 (15112108)   503.48993 (15112108)
504.61572 (15112108)
 4191225.2 | 512.99333 (15010517)   410.07778 (15010517)   464.09021 (15112108)   528.43878 (15112108)
510.02196 (15112108)
 4191205.2 | 520.30551 (15010517)   403.77892 (15010517)   500.88548 (15112108)   550.62521 (15112108)
512.99158 (14112517)
 4191185.2 | 525.96226 (15010517)   424.57040 (15112108)   537.54762 (15112108)   569.16008 (15112108)
536.51748 (14112517)
 4191165.2 | 529.71004 (15010517)   468.60829 (15112108)   573.24959 (15112108)   583.10805 (15112108)
556.65874 (14112517)
 4191145.2 | 531.28495 (15010517)   514.83627 (15112108)   606.99962 (15112108)   591.52569 (15112108)
572.43848 (14112517)
 4191125.2 | 530.41789 (15010517)   562.66721 (15112108)   637.64491 (15112108)   597.99007 (14112517)
582.85055 (14112517)
 4191105.2 | 526.84146 (15010517)   611.28719 (15112108)   663.88894 (15112108)   627.22350 (14112517)
586.91075 (14112517)
 4191085.2 | 520.29898 (15010517)   659.62317 (15112108)   684.32652 (15112108)   651.74723 (14112517)
583.72329 (14112517)
 4191065.2 | 572.39859 (15112108)   706.31796 (15112108)   697.50087 (15112108)   670.10667 (14112517)
584.82718 (16112517)
 4191045.2 | 635.49909 (15112108)   749.71877 (15112108)   709.71352 (14112517)   680.80675 (14112517)
613.70480 (16112517)
 4191025.2 | 701.20163 (15112108)   787.88747 (15112108)   746.95813 (14112517)   682.40582 (14112517)
627.38601 (16112517)
 4191005.2 | 766.29794 (15112108)   816.65391 (15112108)   775.74951 (14112517)   671.38788 (14112517)
620.58544 (16112517)
 4190985.2 | 828.14723 (15112108)   833.21704 (15112108)   793.43006 (14112517)   695.83107 (16112517)
594.27190 (15021907)
 4190965.2 | 883.26979 (15112108)   849.45211 (14112517)   797.22828 (14112517)   711.61194 (16112517)
680.57887 (15021907)
 4190945.2 | 934.71599 (15112108)   893.52784 (14112517)   789.92274 (14112517)   704.63444 (16112517)
761.10169 (15021907)
 4190925.2 | 980.42592 (15112108)   930.37529 (14112517)   802.71067 (16112517)   724.02712 (15021907)
853.30059 (13121417)
 4190905.2 | 1023.98617 (15112108)   962.31096 (14112517)   836.13450 (16112517)   834.94246 (15021907)
945.30627 (13121417)
 4190885.2 | 1068.13296 (14112517)   971.48007 (14112517)   833.64113 (16112517)   942.37987 (13121417)
1003.47248 (13121417)
 4190865.2 | 1133.88943 (14112517)   961.92261 (16112517)   909.85832 (15021907)   1060.04414 (13121417)
1013.56245 (13121417)
 4190845.2 | 1182.73116 (14112517)   999.24335 (16112517)   1038.44263 (15021907)   1141.70380 (13121417)
1021.47987 (15020707)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: BOATL
***
                                  INCLUDING SOURCE(S):   L0000445   , L0000446   ,

                                   *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                        ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560317.30   560337.30   560357.30   560377.30
560397.30
 -
- - - - - - - -

 4190825.2 | 1211.24754 (14112517)   998.08802 (16112517)   1196.39847 (13121417)   1174.27663 (13121417)
1134.89469 (15020707)
 4190805.2 | 1211.28463 (14112517)   1169.57096 (15021907)   1325.94237 (13121417)   1187.17015 (15020707)
1197.64962 (13122017)
 4190785.2 | 1232.11967 (16112517)   1359.57155 (13121417)   1381.15652 (13121417)   1314.51561 (15020707)
1175.78467 (13122017)
 4190765.2 | 1303.38534 (15021907)   1540.87562 (13121417)   1385.40381 (15020707)   1375.53235 (13122017)
1107.82467 (17011317)
 4190745.2 | 1541.96019 (13121417)   1640.51387 (13121417)   1534.71621 (15020707)   1311.42071 (13122017)
1303.23567 (17031607)
 4190725.2 | 1811.57433 (13121417)   1644.91189 (15020707)   1593.92310 (13122017)   1332.96402 (17031607)
1461.47918 (17031607)
 4190705.2 | 1984.98870 (13121417)   1821.44702 (15020707)   1461.50097 (13122017)   1621.19482 (17031607)
1568.75029 (15020708)
 4190685.2 | 1996.04466 (13121308)   1864.12904 (13122017)   1755.90240 (17031607)   1686.00543 (15020708)
1925.10118 (15012009)
 4190665.2 | 2205.41809 (15020707)   1839.55170 (17031607)   1916.08480 (17031607)   2124.58506 (15012009)
2133.35209 (15012009)
 4190645.2 | 2200.02043 (13122017)   2224.17556 (17031607)   2354.52699 (15012009)   2426.00028 (15012009)
2005.62569 (16122217)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: BOATL
***
                               INCLUDING SOURCE(S):   L0000445   , L0000446   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560417.30   560437.30   560457.30   560477.30
560497.30
 -
- - - - - - - -

 4191625.2 | 207.11127 (16012817)   255.98311 (15112108)   292.46268 (15112108)   303.52489 (15112108)
286.51086 (15112108)
 4191605.2 | 219.59650 (15112108)   271.68994 (15112108)   304.36738 (15112108)   309.12753 (15112108)
285.02396 (15112108)
 4191585.2 | 236.59018 (15112108)   287.36450 (15112108)   315.38051 (15112108)   313.16614 (15112108)
294.24628 (14112517)
 4191565.2 | 253.20958 (15112108)   301.66638 (15112108)   324.04016 (15112108)   314.27076 (15112108)
302.35640 (14112517)
 4191545.2 | 270.54044 (15112108)   315.85479 (15112108)   331.73899 (15112108)   313.90912 (15112108)
309.55748 (14112517)
 4191525.2 | 288.98606 (15112108)   330.30207 (15112108)   338.84046 (15112108)   312.47235 (15112108)
316.12124 (14112517)
 4191505.2 | 307.64669 (15112108)   343.88587 (15112108)   344.18131 (15112108)   323.74159 (14112517)
321.08314 (14112517)
 4191485.2 | 326.31098 (15112108)   356.32206 (15112108)   347.52784 (15112108)   334.16114 (14112517)
324.54518 (14112517)
 4191465.2 | 344.72878 (15112108)   367.30706 (15112108)   348.66129 (15112108)   343.12333 (14112517)
325.99205 (14112517)
 4191445.2 | 362.61005 (15112108)   376.52361 (15112108)   347.50039 (14112517)   350.34739 (14112517)
324.47730 (14112517)
 4191425.2 | 379.62514 (15112108)   383.64854 (15112108)   361.00823 (14112517)   355.55220 (14112517)
320.91586 (14112517)
 4191405.2 | 395.40692 (15112108)   388.36267 (15112108)   373.02527 (14112517)   358.46566 (14112517)
315.07930 (14112517)
 4191385.2 | 411.25811 (15112108)   391.33392 (15112108)   383.19147 (14112517)   358.83589 (14112517)
331.30999 (16112517)
 4191365.2 | 424.82513 (15112108)   391.95051 (14112517)   392.00541 (14112517)   357.23213 (14112517)

345.38652 (16112517)
 4191345.2 | 435.46392 (15112108)   408.93739 (14112517)   398.53706 (14112517)   352.92247 (14112517)
355.07170 (16112517)
 4191325.2 | 442.30094 (15112108)   422.65747 (14112517)   399.61227 (14112517)   361.38720 (16112517)
358.10115 (16112517)
 4191305.2 | 445.73888 (15112108)   434.41258 (14112517)   398.77135 (14112517)   377.42627 (16112517)
355.19952 (16112517)
 4191285.2 | 446.52740 (14112517)   443.93688 (14112517)   395.67367 (14112517)   388.77512 (16112517)
346.31231 (16112517)
 4191265.2 | 465.85027 (14112517)   449.83642 (14112517)   398.07290 (16112517)   393.67246 (16112517)
330.93654 (16112517)
 4191245.2 | 482.66058 (14112517)   451.55964 (14112517)   418.90441 (16112517)   392.00281 (16112517)
345.33116 (15021907)
 4191225.2 | 496.27669 (14112517)   448.84030 (14112517)   433.01951 (16112517)   382.58438 (16112517)
384.45760 (15021907)
 4191205.2 | 505.99596 (14112517)   441.46543 (14112517)   439.29343 (16112517)   365.16504 (16112517)
421.79998 (15021907)
 4191185.2 | 511.12444 (14112517)   464.56287 (16112517)   436.44693 (16112517)   400.46978 (15021907)
455.44075 (15021907)
 4191165.2 | 511.01496 (14112517)   482.10026 (16112517)   423.93807 (16112517)   444.40870 (15021907)
493.34389 (13121417)
 4191145.2 | 505.11324 (14112517)   490.06189 (16112517)   413.04195 (15021907)   485.34496 (15021907)
535.71822 (13121417)
 4191125.2 | 518.89177 (16112517)   486.90943 (16112517)   464.98694 (15021907)   524.40841 (13121417)
567.75305 (13121417)
 4191105.2 | 541.20507 (16112517)   471.71803 (16112517)   514.88655 (15021907)   574.73343 (13121417)
586.16343 (13121417)
 4191085.2 | 551.67074 (16112517)   484.42454 (15021907)   559.69283 (15021907)   614.99905 (13121417)
588.61333 (13121417)
 4191065.2 | 548.15419 (16112517)   544.94863 (15021907)   616.48587 (13121417)   639.95876 (13121417)
572.17264 (13121417)
 4191045.2 | 529.36945 (16112517)   601.36338 (15021907)   667.32317 (13121417)   645.40293 (13121417)
589.05525 (15020707)
 4191025.2 | 573.15771 (15021907)   659.09402 (13121417)   700.73064 (13121417)   630.99962 (13121417)
645.01393 (15020707)
 4191005.2 | 640.60406 (15021907)   720.18346 (13121417)   710.68359 (13121417)   645.67933 (15020707)
672.58714 (15020707)
 4190985.2 | 698.53847 (15021907)   762.64224 (13121417)   694.70091 (13121417)   705.05951 (15020707)
695.29730 (13122017)
 4190965.2 | 779.72240 (13121417)   785.28065 (13121417)   709.51509 (15020707)   735.40647 (15020707)
689.34353 (13122017)
 4190945.2 | 846.41691 (13121417)   781.61336 (13121417)   784.79834 (15020707)   766.95943 (13122017)
640.58112 (13122017)
 4190925.2 | 887.37655 (13121417)   799.90704 (15020707)   822.07019 (13122017)   753.42549 (13122017)
654.26196 (17011317)
 4190905.2 | 887.75761 (13121417)   882.05735 (15020707)   851.01089 (13122017)   697.07018 (17011317)
655.12108 (17031607)
 4190885.2 | 899.52507 (15020707)   921.91859 (13122017)   814.41267 (13122017)   713.49730 (17011317)
790.48770 (17031607)
 4190865.2 | 993.26175 (15020707)   941.34543 (13122017)   783.05367 (17011317)   804.30684 (17031607)
863.36641 (17031607)
 4190845.2 | 1040.84990 (13122017)   879.02223 (13122017)   801.76476 (17031607)   927.89521 (17031607)
848.37304 (17031607)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: BOATL
***
                                INCLUDING SOURCE(S):   L0000445   , L0000446   ,

                                 *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                      ** CONC OF PM_10   IN MICROGRAMS/M**3   **

```
  Y-COORD  |                                              X-COORD (METERS)
  (METERS) |       560417.30              560437.30              560457.30              560477.30
560497.30
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

 4190825.2 |   1049.59426 (13122017)    875.58301 (17011317)    975.59659 (17031607)    949.69889 (17031607)
941.68716 (15020708)
 4190805.2 |    966.11577 (17011317)   1011.27319 (17031607)   1052.43111 (17031607)    988.26216 (15020708)
1068.10842 (15020708)
 4190785.2 |   1018.35999 (17031607)   1150.97773 (17031607)   1033.39760 (15020708)   1153.39673 (15020708)
1247.22982 (15012009)
 4190765.2 |   1238.14153 (17031607)   1134.13768 (17031607)   1246.33498 (15020708)   1350.49953 (15012009)
1262.71814 (15012009)
 4190745.2 |   1295.22287 (17031607)   1346.97390 (15020708)   1467.33919 (15012009)   1384.66191 (15012009)
1190.91802 (16122217)
 4190725.2 |   1454.86987 (15020708)   1600.09681 (15012009)   1526.88223 (15012009)   1306.04724 (16122217)
1263.63632 (16120517)
 4190705.2 |   1751.57475 (15012009)   1694.31631 (15012009)   1439.95697 (16122217)   1391.88749 (16120517)
1244.17097 (14012907)
 4190685.2 |   1893.52072 (15012009)   1597.04375 (16122217)   1537.25216 (16120517)   1394.10043 (14012907)
1294.00528 (14012907)
 4190665.2 |   1783.05865 (16122217)   1701.87410 (16120517)   1558.82575 (14012907)   1452.14994 (14010709)
1376.53657 (14010709)
 4190645.2 |   1887.71487 (16120517)   1735.73225 (14012907)   1642.76001 (14010709)   1504.39938 (13011717)
1538.95635 (13011717)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                        ***
  09:59:03

PAGE  1065
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

                           *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  BOATL
***
                               INCLUDING SOURCE(S):     L0000445    , L0000446    ,

                                *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10    IN MICROGRAMS/M**3                         **

  Y-COORD  |                                              X-COORD (METERS)
  (METERS) |       560517.30              560537.30              560557.30              560577.30
560597.30
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

 4191625.2 |    282.76239 (14112517)    273.24147 (14112517)    246.81058 (14112517)    247.37218 (16112517)
242.50041 (16112517)
 4191605.2 |    288.75447 (14112517)    273.38251 (14112517)    241.77456 (14112517)    253.97763 (16112517)
240.43632 (16112517)
 4191585.2 |    293.38299 (14112517)    271.44078 (14112517)    252.73415 (16112517)    257.22750 (16112517)
234.83345 (16112517)
 4191565.2 |    295.47953 (14112517)    267.75530 (14112517)    262.46614 (16112517)    257.71122 (16112517)
226.55376 (16112517)
 4191545.2 |    296.44139 (14112517)    263.20208 (14112517)    270.75996 (16112517)    256.08631 (16112517)
216.43908 (16112517)
 4191525.2 |    296.42006 (14112517)    270.77421 (16112517)    276.83158 (16112517)    251.80435 (16112517)
209.49252 (15021907)
 4191505.2 |    294.37284 (14112517)    283.26217 (16112517)    278.63947 (16112517)    243.34158 (16112517)
230.84321 (15021907)
 4191485.2 |    290.88560 (14112517)    293.48350 (16112517)    277.02631 (16112517)    231.63908 (16112517)
252.12947 (15021907)
 4191465.2 |    292.39829 (16112517)    300.48932 (16112517)    271.63844 (16112517)    233.93792 (15021907)
272.76549 (15021907)
 4191445.2 |    306.20363 (16112517)    301.86458 (16112517)    261.55055 (16112517)    257.69722 (15021907)
292.07437 (15021907)
 4191425.2 |    317.14094 (16112517)    299.82161 (16112517)    248.35139 (16112517)    281.59092 (15021907)
```

309.82449 (15021907)
 4191405.2 | 324.79564 (16112517)   293.93224 (16112517)   263.51372 (15021907)   304.63286 (15021907)
328.80049 (13121417)
 4191385.2 | 327.47256 (16112517)   281.85926 (16112517)   289.70612 (15021907)   325.13678 (15021907)
352.26884 (13121417)
 4191365.2 | 325.24028 (16112517)   266.22962 (15021907)   315.12289 (15021907)   342.26760 (15021907)
371.10879 (13121417)
 4191345.2 | 317.61727 (16112517)   296.03272 (15021907)   338.70102 (15021907)   367.74525 (13121417)
384.04785 (13121417)
 4191325.2 | 304.56715 (16112517)   325.55210 (15021907)   359.93472 (15021907)   390.88057 (13121417)
391.75015 (13121417)
 4191305.2 | 302.03818 (15021907)   353.72016 (15021907)   385.69936 (13121417)   408.45654 (13121417)
392.08338 (13121417)
 4191285.2 | 335.76269 (15021907)   379.29680 (15021907)   413.29699 (13121417)   419.01598 (13121417)
384.43709 (13121417)
 4191265.2 | 368.65611 (15021907)   404.35976 (13121417)   435.04821 (13121417)   421.32809 (13121417)
383.53072 (13121308)
 4191245.2 | 399.30674 (15021907)   437.23035 (13121417)   449.14730 (13121417)   414.54878 (13121417)
391.16027 (15020707)
 4191225.2 | 426.10353 (15021907)   464.03268 (13121417)   454.01046 (13121417)   410.89740 (13121308)
426.17305 (15020707)
 4191205.2 | 462.69593 (13121417)   482.52964 (13121417)   448.48290 (13121417)   420.41378 (15020707)
449.89141 (15020707)
 4191185.2 | 495.62425 (13121417)   490.68417 (13121417)   441.73134 (13121308)   458.66455 (15020707)
458.90843 (15020707)
 4191165.2 | 520.01891 (13121417)   486.92657 (13121417)   453.47278 (15020707)   483.69397 (15020707)
476.16010 (13122017)
 4191145.2 | 536.40418 (13121417)   477.58035 (13121308)   495.42159 (15020707)   494.81635 (13122017)
474.33017 (13122017)
 4191125.2 | 536.77359 (13121417)   493.81813 (15020707)   521.77583 (15020707)   509.29459 (13122017)
449.20542 (13122017)
 4191105.2 | 521.55117 (13121308)   542.15271 (15020707)   536.75920 (13122017)   499.28608 (13122017)
422.94657 (17011317)
 4191085.2 | 541.36908 (15020707)   572.01336 (15020707)   554.65886 (13122017)   473.74429 (13122017)
446.33458 (17011317)
 4191065.2 | 592.38236 (15020707)   590.13833 (13122017)   541.06171 (13122017)   470.39048 (17011317)
437.78955 (17011317)
 4191045.2 | 619.50814 (15020707)   597.44535 (13122017)   497.27535 (13122017)   478.66518 (17011317)
472.94616 (17031607)
 4191025.2 | 637.63936 (13122017)   570.25995 (13122017)   510.49952 (17011317)   463.38927 (17031607)
547.80069 (17031607)
 4191005.2 | 638.59093 (13122017)   533.50370 (17011317)   505.59535 (17011317)   554.98618 (17031607)
592.02597 (17031607)
 4190985.2 | 603.40839 (13122017)   555.19386 (17011317)   557.11766 (17031607)   620.37763 (17031607)
591.75587 (17031607)
 4190965.2 | 589.50896 (17011317)   546.79900 (17031607)   642.87553 (17031607)   637.46231 (17031607)
541.59743 (17031607)
 4190945.2 | 594.12418 (17011317)   657.36733 (17031607)   683.59778 (17031607)   600.06081 (17031607)
644.90733 (15020708)
 4190925.2 | 662.78869 (17031607)   726.62265 (17031607)   663.96912 (17031607)   665.32143 (15020708)
720.64247 (15020708)
 4190905.2 | 763.34478 (17031607)   730.81628 (17031607)   686.76503 (15020708)   757.92451 (15020708)
806.97701 (15012009)
 4190885.2 | 798.21595 (17031607)   707.06326 (15020708)   799.44188 (15020708)   846.18112 (15012009)
875.01156 (15012009)
 4190865.2 | 749.11571 (17031607)   843.23138 (15020708)   891.41554 (15012009)   930.01297 (15012009)
849.57599 (15012009)
 4190845.2 | 893.38735 (15020708)   946.37462 (15012009)   998.89971 (15012009)   912.00791 (15012009)
799.72202 (16122217)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: BOATL
***

INCLUDING SOURCE(S): L0000445 , L0000446 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	560517.30	560537.30	560557.30	560577.30	560597.30
4190825.2	1001.79731 (15012009)	1073.87493 (15012009)	984.81020 (15012009)	860.15528 (16122217)	845.70870 (16122217)
4190805.2	1155.56812 (15012009)	1065.40494 (15012009)	927.68406 (16122217)	902.34376 (16122217)	890.74148 (13121317)
4190785.2	1157.27479 (15012009)	1004.12476 (16122217)	964.79328 (16122217)	952.27353 (13121317)	857.99896 (14012907)
4190765.2	1091.16579 (16122217)	1050.29381 (16120517)	1017.91974 (13121317)	937.79807 (14012907)	897.63037 (14012907)
4190745.2	1150.41163 (16120517)	1087.89888 (16120517)	1022.92638 (14012907)	948.49171 (14012907)	955.86828 (14010709)
4190725.2	1162.28727 (16120517)	1112.25006 (14012907)	1039.44646 (14010709)	1030.65188 (14010709)	927.59634 (13121017)
4190705.2	1203.72601 (14012907)	1162.60510 (14010709)	1090.06653 (14010709)	1061.84660 (13011717)	1074.10463 (13011717)
4190685.2	1278.96232 (14010709)	1148.26003 (13011717)	1207.34852 (13011717)	1146.13606 (13011717)	995.95759 (13011717)
4190665.2	1352.77061 (13011717)	1325.87235 (13011717)	1171.87043 (13011717)	972.69139 (13011617)	769.47117 (13011617)
4190645.2	1392.32466 (13011717)	1144.59616 (13011617)	903.46644 (13011617)	979.62818 (13121117)	1027.06138 (13121117)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BOATL ***

INCLUDING SOURCE(S): L0000445 , L0000446 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	560617.30	560637.30	560657.30	560677.30	560697.30
4191625.2	214.43314 (16112517)	188.41012 (15021907)	218.68150 (15021907)	238.76397 (15021907)	254.72615 (13121417)
4191605.2	204.90791 (16112517)	205.64718 (15021907)	233.25004 (15021907)	248.63781 (15021907)	267.20757 (13121417)
4191585.2	192.24441 (16112517)	221.59461 (15021907)	245.39112 (15021907)	261.27651 (13121417)	275.36852 (13121417)
4191565.2	206.53562 (15021907)	245.29664 (15021907)	266.45467 (15021907)	283.89912 (13121417)	291.75416 (13121417)
4191545.2	226.09175 (15021907)	253.89751 (15021907)	270.30801 (13121417)	288.47398 (13121417)	287.13666 (13121417)
4191525.2	245.98375 (15021907)	269.53969 (15021907)	289.43024 (13121417)	299.94338 (13121417)	289.10503 (13121417)
4191505.2	264.10091 (15021907)	281.73729 (13121417)	304.04725 (13121417)	305.15861 (13121417)	284.68263 (13121417)
4191485.2	280.72988 (15021907)	301.61565 (13121417)	315.14849 (13121417)	305.67535 (13121417)	

276.95103 (13121308)
 4191465.2 | 295.21723 (15021907)   318.72707 (13121417)   322.00436 (13121417)   301.25162 (13121417)
283.57497 (13121308)
 4191445.2 | 314.24328 (13121417)   332.14796 (13121417)   324.00060 (13121417)   292.79859 (13121417)
287.00732 (13121308)
 4191425.2 | 334.90814 (13121417)   341.68016 (13121417)   321.33612 (13121417)   300.36631 (13121308)
309.79839 (15020707)
 4191405.2 | 352.01539 (13121417)   346.10836 (13121417)   313.33382 (13121417)   304.09152 (13121308)
327.88617 (15020707)
 4191385.2 | 363.35270 (13121417)   343.74978 (13121417)   318.63573 (13121308)   329.00754 (15020707)
338.59749 (15020707)
 4191365.2 | 368.50532 (13121417)   335.15739 (13121417)   322.66312 (13121308)   347.84284 (15020707)
343.46224 (13122017)
 4191345.2 | 366.81552 (13121417)   338.52794 (13121308)   350.10539 (15020707)   358.04837 (15020707)
353.08692 (13122017)
 4191325.2 | 358.59256 (13121417)   343.66476 (15020707)   370.33925 (15020707)   365.67273 (13122017)
352.52553 (13122017)
 4191305.2 | 359.61547 (13121308)   372.78976 (15020707)   380.24966 (15020707)   374.63615 (13122017)
340.10782 (13122017)
 4191285.2 | 365.12674 (15020707)   392.71435 (15020707)   388.76655 (13122017)   370.59951 (13122017)
316.29072 (13122017)
 4191265.2 | 397.28971 (15020707)   402.98728 (15020707)   396.40226 (13122017)   354.00773 (13122017)
319.63241 (17011317)
 4191245.2 | 419.73763 (15020707)   415.23175 (13122017)   389.57137 (13122017)   325.03317 (13122017)
330.63517 (17011317)
 4191225.2 | 429.52986 (15020707)   420.56671 (13122017)   367.95427 (13122017)   343.88142 (17011317)
326.00422 (17011317)
 4191205.2 | 444.26696 (13122017)   409.37278 (13122017)   351.44818 (17011317)   349.27096 (17011317)
308.12062 (17031607)
 4191185.2 | 446.52332 (13122017)   381.71164 (13122017)   368.43544 (17011317)   336.71245 (17011317)
363.65939 (17031607)
 4191165.2 | 429.87788 (13122017)   381.85051 (17011317)   366.40217 (17011317)   358.43563 (17031607)
408.58054 (17031607)
 4191145.2 | 394.95728 (13122017)   392.60263 (17011317)   348.99090 (17031607)   413.19183 (17031607)
434.96035 (17031607)
 4191125.2 | 410.92911 (17011317)   377.44413 (17011317)   410.61064 (17031607)   448.85093 (17031607)
436.09290 (17031607)
 4191105.2 | 417.04077 (17011317)   415.63033 (17031607)   477.56336 (17031607)   457.70222 (17031607)
410.34105 (17031607)
 4191085.2 | 399.88423 (17031607)   471.13891 (17031607)   487.39458 (17031607)   447.30108 (17031607)
403.55105 (15020708)
 4191065.2 | 477.46306 (17031607)   514.26272 (17031607)   484.76060 (17031607)   408.76915 (15020708)
473.24635 (15020708)
 4191045.2 | 531.49126 (17031607)   520.21748 (17031607)   446.77432 (17031607)   486.53804 (15020708)
523.83530 (15020708)
 4191025.2 | 558.65832 (17031607)   495.51525 (17031607)   503.00281 (15020708)   549.95437 (15020708)
562.36960 (15012009)
 4191005.2 | 543.18895 (17031607)   515.98943 (15020708)   574.37715 (15020708)   584.29923 (15012009)
630.55214 (15012009)
 4190985.2 | 526.53113 (15020708)   597.94380 (15020708)   612.00816 (15020708)   661.23166 (15012009)
652.18890 (15012009)
 4190965.2 | 621.73274 (15020708)   646.30236 (15020708)   694.10865 (15012009)   689.17266 (15012009)
619.52819 (15012009)
 4190945.2 | 682.71749 (15020708)   729.36560 (15012009)   729.56412 (15012009)   656.89802 (15012009)
580.78917 (16122217)
 4190925.2 | 767.19508 (15012009)   773.80078 (15012009)   698.06602 (15012009)   616.27354 (16122217)
629.33634 (16122217)
 4190905.2 | 822.39180 (15012009)   743.58948 (15012009)   655.37392 (16122217)   665.29965 (16122217)
642.57058 (13121317)
 4190885.2 | 794.13432 (15012009)   698.61758 (16122217)   704.50128 (16122217)   684.88244 (13121317)
662.49439 (13121317)
 4190865.2 | 746.63316 (16122217)   747.33013 (16122217)   730.62956 (13121317)   695.16355 (13121317)
638.79562 (14012907)
 4190845.2 | 794.23026 (16122217)   780.05116 (13121317)   728.64790 (13121317)   687.35867 (14012907)
669.39243 (14012907)

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: BOATL
***
                                INCLUDING SOURCE(S):   L0000445   , L0000446   ,

                                 *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                      ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560617.30   560637.30   560657.30   560677.30
560697.30
 -
- - - - - - - -

 4190825.2 | 833.36450 (13121317)   762.75637 (16120517)   738.25785 (14012907)   702.83439 (14012907)
684.09093 (14010709)
 4190805.2 | 797.75525 (16120517)   790.92911 (14012907)   734.14943 (14012907)   745.24518 (14010709)
720.24873 (14010709)
 4190785.2 | 844.48933 (14012907)   787.99094 (14010709)   802.72671 (14010709)   744.97370 (14010709)
708.59864 (13011717)
 4190765.2 | 873.11409 (14010709)   852.70841 (14010709)   775.73444 (13121017)   801.37663 (13011717)
805.70075 (13011717)
 4190745.2 | 890.46502 (14010709)   857.65604 (13011717)   886.64665 (13011717)   849.90264 (13011717)
761.81960 (13011717)
 4190725.2 | 972.92274 (13011717)   954.98462 (13011717)   868.51384 (13011717)   752.82994 (13011617)
636.75238 (13011617)
 4190705.2 | 995.22989 (13011717)   856.07898 (13011617)   726.51800 (13011617)   578.22730 (13011617)
634.73832 (13121117)
 4190685.2 | 836.36565 (13011617)   663.51687 (13011617)   726.33439 (13121117)   779.19254 (13121117)
794.38855 (13121117)
 4190665.2 | 838.99292 (13121117)   890.98740 (13121117)   895.10664 (13121117)   856.74297 (13121117)
786.06813 (13121117)
 4190645.2 | 1013.31120 (13121117)   948.73077 (13121117)   912.03913 (13012308)   903.05341 (13012308)
865.20910 (13012308)

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: BOATL
***
                                INCLUDING SOURCE(S):   L0000445   , L0000446   ,

                                 *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                      ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560717.30   560737.30   560757.30   560777.30
560797.30
 -
- - - - - - - -

 4191625.2 | 265.57074 (13121417)   260.05956 (13121417)   239.51085 (13121417)   231.55576 (13121308)
236.31105 (15020707)
 4191605.2 | 270.22740 (13121417)   256.79857 (13121417)   237.03488 (13121308)   232.35627 (13121308)
249.37924 (15020707)
 4191585.2 | 280.97010 (13121417)   266.63798 (13121417)   252.37074 (13121308)   246.58856 (15020707)
258.22508 (15020707)
 4191565.2 | 270.25927 (13121417)   257.38069 (13121308)   264.07311 (13121308)   267.60808 (15020707)
269.50353 (15020707)
 4191545.2 | 266.44438 (13121417)   254.09782 (13121308)   259.42002 (15020707)   278.11216 (15020707)

281.02025 (13122017)
 4191525.2 | 262.48567 (13121308)   257.19006 (13121308)   276.33271 (15020707)   274.69737 (15020707)
288.11207 (13122017)
 4191505.2 | 269.26009 (13121308)   276.13938 (15020707)   286.63859 (15020707)   282.79603 (13122017)
273.81449 (13122017)
 4191485.2 | 271.87945 (13121308)   292.68052 (15020707)   291.24130 (15020707)   289.55136 (13122017)
267.51744 (13122017)
 4191465.2 | 292.36066 (15020707)   303.45284 (15020707)   300.25585 (13122017)   287.95846 (13122017)
254.02210 (13122017)
 4191445.2 | 308.94584 (15020707)   306.53458 (15020707)   305.20231 (13122017)   279.03445 (13122017)
236.53697 (17011317)
 4191425.2 | 319.20559 (15020707)   316.24270 (13122017)   301.15212 (13122017)   261.84774 (13122017)
252.06771 (17011317)
 4191405.2 | 322.64054 (13122017)   319.15619 (13122017)   287.89049 (13122017)   254.80508 (17011317)
259.19610 (17011317)
 4191385.2 | 334.09783 (13122017)   313.07461 (13122017)   267.18474 (13122017)   267.58592 (17011317)
255.50019 (17011317)
 4191365.2 | 335.57183 (13122017)   297.44716 (13122017)   272.58475 (17011317)   270.95926 (17011317)
242.70316 (17011317)
 4191345.2 | 326.42386 (13122017)   273.76525 (17011317)   283.11567 (17011317)   263.78161 (17011317)
253.11726 (17031607)
 4191325.2 | 307.02238 (13122017)   291.78637 (17011317)   282.18749 (17011317)   245.19219 (17031607)
289.91362 (17031607)
 4191305.2 | 296.15917 (17011317)   298.50130 (17011317)   269.45398 (17011317)   286.81823 (17031607)
319.39660 (17031607)
 4191285.2 | 311.27826 (17011317)   292.27077 (17011317)   282.34063 (17031607)   322.79741 (17031607)
337.88598 (17031607)
 4191265.2 | 313.00642 (17011317)   273.82148 (17031607)   323.43454 (17031607)   347.82035 (17031607)
341.78931 (17031607)
 4191245.2 | 300.15898 (17011317)   321.46649 (17031607)   355.11219 (17031607)   358.03010 (17031607)
329.61219 (17031607)
 4191225.2 | 317.02796 (17031607)   361.85202 (17031607)   373.01744 (17031607)   351.25782 (17031607)
302.08162 (17031607)
 4191205.2 | 364.99781 (17031607)   388.98881 (17031607)   374.56137 (17031607)   327.37208 (17031607)
320.38221 (15020708)
 4191185.2 | 400.38522 (17031607)   396.26077 (17031607)   354.60246 (17031607)   323.50856 (15020708)
367.88249 (15020708)
 4191165.2 | 416.93074 (17031607)   381.55475 (17031607)   325.33068 (15020708)   375.27930 (15020708)
404.17710 (15020708)
 4191145.2 | 408.53400 (17031607)   346.33037 (17031607)   383.09439 (15020708)   417.89181 (15020708)
423.20371 (15020708)
 4191125.2 | 377.61106 (17031607)   390.35294 (15020708)   431.12567 (15020708)   441.75521 (15020708)
466.70426 (15012009)
 4191105.2 | 395.84809 (15020708)   444.67888 (15020708)   461.14441 (15020708)   483.24335 (15012009)
499.55890 (15012009)
 4191085.2 | 458.87049 (15020708)   480.33649 (15020708)   500.50168 (15012009)   521.12300 (15012009)
501.65943 (15012009)
 4191065.2 | 502.74439 (15020708)   520.75938 (15012009)   547.09799 (15012009)   528.70642 (15012009)
473.03419 (15012009)
 4191045.2 | 540.39129 (15012009)   574.01590 (15012009)   558.15570 (15012009)   499.64310 (15012009)
444.15335 (16122217)
 4191025.2 | 601.22217 (15012009)   586.57060 (15012009)   525.85936 (15012009)   467.05195 (16122217)
487.51579 (16122217)
 4191005.2 | 618.23550 (15012009)   554.37724 (15012009)   491.90665 (16122217)   511.64355 (16122217)
491.19034 (16122217)
 4190985.2 | 585.48719 (15012009)   518.95577 (16122217)   537.67126 (16122217)   512.30327 (16122217)
517.29287 (13121317)
 4190965.2 | 548.47582 (16122217)   565.80310 (16122217)   534.68753 (16122217)   543.66189 (13121317)
513.11932 (13121317)
 4190945.2 | 596.27051 (16122217)   567.27271 (13121317)   571.39669 (13121317)   531.68481 (13121317)
500.22037 (14012907)
 4190925.2 | 603.44820 (13121317)   600.48568 (13121317)   550.12756 (13121317)   532.49134 (14012907)
524.16985 (14012907)
 4190905.2 | 630.88271 (13121317)   568.57848 (16120517)   565.92709 (14012907)   547.57016 (14012907)
506.37538 (14010709)
 4190885.2 | 592.89870 (14012907)   600.21552 (14012907)   569.87194 (14012907)   553.18765 (14010709)
564.45468 (14010709)
 4190865.2 | 634.90976 (14012907)   590.40774 (14012907)   599.89131 (14010709)   594.34005 (14010709)
551.55674 (13121017)

 4190845.2 | 622.19000 (14010709)   644.82134 (14010709)   618.59867 (14010709)   573.53445 (13121017)
572.25556 (13011717)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: BOATL
***
                                INCLUDING SOURCE(S):   L0000445   , L0000446   ,

                                 *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                      ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560717.30   560737.30   560757.30   560777.30
560797.30
 -
- - - - - - - -

 4190825.2 | 685.82591 (14010709)   635.11563 (14010709)   601.29862 (15120217)   633.10181 (13011717)
634.24901 (13011717)
 4190805.2 | 661.72760 (13121017)   672.11091 (13011717)   687.79273 (13011717)   663.66216 (13011717)
607.23116 (13011717)
 4190785.2 | 743.96290 (13011717)   731.26846 (13011717)   677.42684 (13011717)   601.87657 (13011617)
531.67124 (13011617)
 4190765.2 | 757.84030 (13011717)   671.61166 (13011717)   593.61507 (13011617)   500.33776 (13011617)
421.31939 (14111317)
 4190745.2 | 666.46716 (13011617)   562.47832 (13011617)   460.98391 (14111317)   504.58671 (17122817)
543.11359 (13121117)
 4190725.2 | 509.57874 (17122817)   562.20494 (17122817)   608.74458 (13121117)   634.45118 (13121117)
636.04552 (13121117)
 4190705.2 | 686.43205 (13121117)   708.31255 (13121117)   701.04102 (13121117)   668.57227 (13121117)
616.87719 (13121117)
 4190685.2 | 774.34329 (13121117)   725.50881 (13121117)   696.23854 (13012308)   698.58183 (13012308)
682.34370 (13012308)
 4190665.2 | 794.40175 (13012308)   780.38151 (13012308)   745.56570 (13012308)   727.90806 (13010717)
716.51029 (13010717)
 4190645.2 | 837.16457 (13010717)   821.85500 (13010717)   787.58131 (13010717)   738.86185 (13010717)
680.28545 (13010717)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: BOATL
***
                                INCLUDING SOURCE(S):   L0000445   , L0000446   ,

                                 *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                      ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560817.30   560837.30   560857.30   560877.30
560897.30
 -
- - - - - - - -

 4191625.2 | 247.41585 (15020707)   243.16537 (13122017)   242.87295 (13122017)   225.87074 (13122017)
195.99363 (13122017)
 4191605.2 | 251.94909 (15020707)   250.51966 (13122017)   240.46600 (13122017)   214.79933 (13122017)

194.44657 (17011317)
 4191585.2 | 254.37510 (13122017)   252.02292 (13122017)   232.26190 (13122017)   199.24860 (13122017)
204.92367 (17011317)
 4191565.2 | 267.21950 (13122017)   248.23749 (13122017)   218.86945 (13122017)   206.29365 (17011317)
209.20734 (17011317)
 4191545.2 | 269.34044 (13122017)   238.46180 (13122017)   205.49851 (17011317)   214.93410 (17011317)
207.46547 (17011317)
 4191525.2 | 263.46698 (13122017)   223.23266 (13122017)   218.70646 (17011317)   217.48163 (17011317)
199.51850 (17011317)
 4191505.2 | 250.61732 (13122017)   219.64238 (17011317)   226.03168 (17011317)   213.66786 (17011317)
185.58331 (17011317)
 4191485.2 | 227.66301 (13122017)   231.86768 (17011317)   225.98500 (17011317)   202.28916 (17011317)
213.00859 (17031607)
 4191465.2 | 236.00229 (17011317)   237.25808 (17011317)   218.17224 (17011317)   207.58107 (17031607)
240.16584 (17031607)
 4191445.2 | 245.79595 (17011317)   233.59847 (17011317)   203.26853 (17011317)   238.08361 (17031607)
261.73515 (17031607)
 4191425.2 | 247.17287 (17011317)   221.36605 (17011317)   234.56671 (17031607)   263.91035 (17031607)
275.21031 (17031607)
 4191405.2 | 239.25392 (17011317)   228.37073 (17031607)   263.44381 (17031607)   281.81683 (17031607)
278.55913 (17031607)
 4191385.2 | 221.13969 (17011317)   265.09179 (17031607)   285.11048 (17031607)   289.50242 (17031607)
271.92734 (17031607)
 4191365.2 | 260.87814 (17031607)   294.66808 (17031607)   297.67695 (17031607)   286.25308 (17031607)
254.89749 (17031607)
 4191345.2 | 290.02798 (17031607)   314.05076 (17031607)   299.31482 (17031607)   272.08622 (17031607)
229.05539 (17031607)
 4191325.2 | 314.04676 (17031607)   321.01207 (17031607)   288.52653 (17031607)   247.53879 (17031607)
263.52000 (15020708)
 4191305.2 | 326.30955 (17031607)   313.60985 (17031607)   265.95403 (17031607)   265.58068 (15020708)
297.75590 (15020708)
 4191285.2 | 324.48527 (17031607)   291.98756 (17031607)   271.92776 (15020708)   303.07585 (15020708)
324.36231 (15020708)
 4191265.2 | 307.93714 (17031607)   272.76629 (15020708)   316.59211 (15020708)   342.69625 (15020708)
339.68345 (15020708)
 4191245.2 | 278.04975 (17031607)   320.42916 (15020708)   352.53984 (15020708)   350.57794 (15020708)
358.18429 (15012009)
 4191225.2 | 316.59154 (15020708)   360.53091 (15020708)   362.75391 (15020708)   367.89201 (15012009)
391.49503 (15012009)
 4191205.2 | 359.30915 (15020708)   377.48234 (15020708)   378.12772 (15012009)   404.56086 (15012009)
406.66447 (15012009)
 4191185.2 | 390.95348 (15020708)   389.96471 (15012009)   420.39826 (15012009)   423.68536 (15012009)
401.74436 (15012009)
 4191165.2 | 406.23688 (15020708)   435.71342 (15012009)   442.29222 (15012009)   420.41153 (15012009)
375.56302 (15012009)
 4191145.2 | 450.86784 (15012009)   460.23704 (15012009)   438.67109 (15012009)   391.93785 (15012009)
351.80599 (14122009)
 4191125.2 | 479.29609 (15012009)   458.21249 (15012009)   409.49366 (15012009)   366.27755 (14122009)
386.16024 (16122217)
 4191105.2 | 479.16143 (15012009)   428.35196 (15012009)   381.76775 (14122009)   402.81643 (16122217)
398.63807 (16122217)
 4191085.2 | 448.96818 (15012009)   400.93693 (16122217)   422.50490 (16122217)   415.95527 (16122217)
404.01397 (13121317)
 4191065.2 | 420.78569 (16122217)   442.89997 (16122217)   433.81243 (16122217)   424.28208 (13121317)
423.84122 (13121317)
 4191045.2 | 465.10744 (16122217)   452.47613 (16122217)   446.16539 (13121317)   440.95635 (13121317)
410.01595 (13121317)
 4191025.2 | 471.27262 (16122217)   468.58145 (13121317)   458.44591 (13121317)   421.07523 (13121317)
405.94884 (14012907)
 4191005.2 | 492.27634 (13121317)   476.36549 (13121317)   431.84960 (16120517)   428.76414 (14012907)
425.08637 (14012907)
 4190985.2 | 494.62865 (13121317)   442.55600 (16120517)   452.21471 (14012907)   442.25654 (14012907)
412.97397 (14012907)
 4190965.2 | 469.32120 (14012907)   476.11364 (14012907)   458.79030 (14012907)   421.85113 (14010709)
445.68266 (14010709)
 4190945.2 | 500.20903 (14012907)   474.32792 (14012907)   458.36456 (14010709)   473.49168 (14010709)
461.76318 (14010709)
 4190925.2 | 488.44024 (14012907)   495.02515 (14010709)   499.07014 (14010709)   474.39393 (14010709)
447.07694 (13121017)

 4190905.2 | 530.81976 (14010709)   521.23218 (14010709)   486.26340 (13121017)   456.54470 (15120217)
474.74390 (13011717)
 4190885.2 | 538.62686 (14010709)   503.62512 (13121017)   493.47118 (13011717)   517.00276 (13011717)
516.79557 (13011717)
 4190865.2 | 520.85797 (15120217)   545.35297 (13011717)   554.42541 (13011717)   537.54001 (13011717)
498.99745 (13011717)
 4190845.2 | 593.45726 (13011717)   584.06125 (13011717)   547.99870 (13011717)   494.05719 (13011617)
449.66215 (13011617)

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: BOATL
***
                                INCLUDING SOURCE(S):   L0000445   , L0000446   ,

                                 *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                      ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560817.30   560837.30   560857.30   560877.30
560897.30
 -
- - - - - - - -

 4190825.2 | 602.71122 (13011717)   545.90087 (13011717)   493.78773 (13011617)   432.85266 (13011617)
364.60215 (13011617)
 4190805.2 | 544.15072 (13011617)   478.61258 (13011617)   403.06920 (13011617)   357.36003 (14111317)
377.20749 (17122817)
 4190785.2 | 447.83130 (13011617)   387.11126 (14111317)   413.55448 (17122817)   439.26562 (13121117)
467.62680 (13121117)
 4190765.2 | 455.58893 (17122817)   487.22044 (13121117)   515.62885 (13121117)   527.45419 (13121117)
523.15174 (13121117)
 4190745.2 | 570.77992 (13121117)   578.47339 (13121117)   567.37586 (13121117)   540.26314 (13121117)
500.86191 (13121117)
 4190725.2 | 615.81523 (13121117)   577.87717 (13121117)   552.99364 (13012308)   559.64397 (13012308)
553.79266 (13012308)
 4190705.2 | 622.39951 (13012308)   619.61014 (13012308)   602.67390 (13012308)   574.09658 (13012308)
570.09007 (13010717)
 4190685.2 | 650.72137 (13012308)   640.83496 (13010717)   632.18059 (13010717)   611.92991 (13010717)
582.31883 (13010717)
 4190665.2 | 690.43398 (13010717)   652.81293 (13010717)   606.89897 (13010717)   555.77143 (13010717)
502.14586 (13010717)
 4190645.2 | 616.07735 (13010717)   549.83774 (13010717)   484.42642 (13010717)   458.37880 (14010417)
440.26059 (14122717)

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: BOATL
***
                                INCLUDING SOURCE(S):   L0000445   , L0000446   ,

                                 *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                      ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560917.30   560937.30   560957.30   560977.30
560997.30

- -

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 4191625.2 |    194.01582 (17011317)    194.72319 (17011317)    181.89110 (17011317)    158.47813 (17011317)
182.94300 (17031607)
 4191605.2 |    200.76326 (17011317)    192.43129 (17011317)    171.62127 (17011317)    179.28700 (17031607)
202.84546 (17031607)
 4191585.2 |    201.86502 (17011317)    184.54993 (17011317)    174.57017 (17031607)    201.50425 (17031607)
218.75302 (17031607)
 4191565.2 |    196.36625 (17011317)    171.08805 (17011317)    198.92413 (17031607)    220.28337 (17031607)
229.31315 (17031607)
 4191545.2 |    185.29261 (17011317)    194.46374 (17031607)    220.09627 (17031607)    233.49193 (17031607)
232.93258 (17031607)
 4191525.2 |    189.39821 (17031607)    218.56760 (17031607)    236.24364 (17031607)    239.70971 (17031607)
228.95821 (17031607)
 4191505.2 |    216.25780 (17031607)    238.54293 (17031607)    246.43630 (17031607)    239.00139 (17031607)
218.09316 (17031607)
 4191485.2 |    239.82237 (17031607)    252.25821 (17031607)    249.19949 (17031607)    230.85241 (17031607)
201.03465 (17031607)
 4191465.2 |    257.84204 (17031607)    258.33116 (17031607)    243.67891 (17031607)    215.34509 (17031607)
193.43031 (15020708)
 4191445.2 |    267.84247 (17031607)    255.83130 (17031607)    228.76384 (17031607)    192.62500 (15020708)
222.01620 (15020708)
 4191425.2 |    267.68652 (17031607)    243.27523 (17031607)    206.77638 (17031607)    223.19028 (15020708)
247.71391 (15020708)
 4191405.2 |    257.13521 (17031607)    222.08008 (17031607)    224.35115 (15020708)    251.43280 (15020708)
268.46520 (15020708)
 4191385.2 |    238.18941 (17031607)    225.12495 (15020708)    254.92045 (15020708)    274.52324 (15020708)
281.73590 (15020708)
 4191365.2 |    225.46612 (15020708)    258.13178 (15020708)    280.52239 (15020708)    290.00343 (15020708)
285.80905 (15020708)
 4191345.2 |    261.01674 (15020708)    286.42467 (15020708)    298.42393 (15020708)    295.88181 (15020708)
314.74597 (15012009)
 4191325.2 |    292.18608 (15020708)    306.97611 (15020708)    306.32724 (15020708)    323.00369 (15012009)
334.14949 (15012009)
 4191305.2 |    315.63327 (15020708)    317.14776 (15020708)    331.50542 (15012009)    344.63473 (15012009)
339.83763 (15012009)
 4191285.2 |    328.34266 (15020708)    340.25002 (15012009)    355.58819 (15012009)    351.80047 (15012009)
330.35276 (15012009)
 4191265.2 |    349.23405 (15012009)    367.03330 (15012009)    364.41512 (15012009)    342.75972 (15012009)
306.23135 (15012009)
 4191245.2 |    378.99408 (15012009)    377.72893 (15012009)    355.91623 (15012009)    317.95785 (15012009)
290.49031 (14122009)
 4191225.2 |    391.79338 (15012009)    369.88550 (15012009)    330.42131 (15012009)    300.95306 (14122009)
314.96361 (16122217)
 4191205.2 |    384.73758 (15012009)    343.93864 (15012009)    313.05613 (14122009)    327.94907 (16122217)
329.99216 (16122217)
 4191185.2 |    358.36618 (15012009)    324.05054 (14122009)    341.04645 (16122217)    342.93943 (16122217)
326.63717 (16122217)
 4191165.2 |    337.58373 (14122009)    353.39887 (16122217)    354.07437 (16122217)    336.85287 (16122217)
344.86657 (13121317)
 4191145.2 |    370.31106 (16122217)    369.01363 (16122217)    347.79292 (13121317)    359.58122 (13121317)
352.40691 (13121317)
 4191125.2 |    384.14883 (16122217)    365.89536 (13121317)    374.52891 (13121317)    363.74802 (13121317)
335.59457 (13121317)
 4191105.2 |    383.74610 (13121317)    390.58411 (13121317)    375.68878 (13121317)    342.55618 (13121317)
338.24730 (14012907)
 4191085.2 |    407.01319 (13121317)    386.99042 (13121317)    349.23185 (16120517)    355.20351 (14012907)
353.84455 (14012907)
 4191065.2 |    398.72539 (13121317)    362.71813 (14012907)    372.20079 (14012907)    366.64328 (14012907)
347.45946 (14012907)
 4191045.2 |    383.90291 (14012907)    389.78785 (14012907)    378.81534 (14012907)    354.21515 (14012907)
355.26140 (14010709)
 4191025.2 |    407.26778 (14012907)    390.81243 (14012907)    359.60027 (14012907)    378.40129 (14010709)
383.09828 (14010709)
 4191005.2 |    402.36652 (14012907)    385.70596 (14010709)    400.56593 (14010709)    397.33108 (14010709)
376.27956 (14010709)
 4190985.2 |    416.15164 (14010709)    423.71802 (14010709)    409.56669 (14010709)    385.53235 (13121017)
364.15681 (13121017)
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 4190965.2 | 444.97845 (14010709)   421.25237 (14010709)   397.47958 (13121017)   384.95621 (15120217)
398.68976 (13011717)
 4190945.2 | 433.10991 (13121017)   407.09421 (13121017)   414.22743 (13011717)   428.93537 (13011717)
428.25294 (13011717)
 4190925.2 | 436.05712 (15120217)   453.85758 (13011717)   456.57626 (13011717)   443.24055 (13011717)
415.69174 (13011717)
 4190905.2 | 488.23775 (13011717)   480.58452 (13011717)   452.32401 (13011717)   411.99651 (13011717)
381.61302 (13011617)
 4190885.2 | 494.73516 (13011717)   454.87112 (13011717)   415.45785 (13011617)   373.54991 (13011617)
324.86689 (13011617)
 4190865.2 | 453.73301 (13011617)   410.72005 (13011617)   357.44508 (13011617)   300.56977 (13011617)
285.53530 (14111317)
 4190845.2 | 393.13652 (13011617)   331.30407 (13011617)   308.12687 (14111317)   316.44095 (17122817)
337.88998 (17122817)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: BOATL
***
                                INCLUDING SOURCE(S):   L0000445   , L0000446   ,

                                 *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                      ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560917.30   560937.30   560957.30   560977.30
560997.30
 -
- - - - - - - -

 4190825.2 | 331.28991 (14111317)   345.55283 (17122817)   369.62057 (17122817)   387.34883 (13121117)
402.14680 (13121117)
 4190805.2 | 402.18005 (17122817)   425.64859 (13121117)   441.92605 (13121117)   444.71272 (13121117)
435.31307 (13121117)
 4190785.2 | 482.18022 (13121117)   482.91073 (13121117)   470.94165 (13121117)   446.56437 (13121117)
413.14070 (13121117)
 4190765.2 | 504.53351 (13121117)   474.32383 (13121117)   452.35196 (13012308)   459.03111 (13012308)
456.70071 (13012308)
 4190745.2 | 503.69925 (13012308)   505.99458 (13012308)   498.36572 (13012308)   481.43952 (13012308)
457.84734 (13010717)
 4190725.2 | 536.97819 (13012308)   511.18101 (13012308)   511.66679 (13010717)   506.27882 (13010717)
492.70367 (13010717)
 4190705.2 | 563.41277 (13010717)   547.41211 (13010717)   523.72253 (13010717)   494.09622 (13010717)
459.78423 (13010717)
 4190685.2 | 545.70896 (13010717)   504.38887 (13010717)   460.43409 (13010717)   415.62275 (13010717)
371.00906 (13010717)
 4190665.2 | 448.27175 (13010717)   412.04754 (14010417)   395.63376 (14010417)   381.00016 (14122717)
382.14788 (14122717)
 4190645.2 | 440.99404 (14122717)   436.19234 (14122717)   426.54458 (14122717)   412.81635 (14122717)
395.55244 (14122717)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: BOATL
***
                                INCLUDING SOURCE(S):   L0000445   , L0000446   ,

                                 *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 561017.30	561037.30	561057.30	561077.30	561097.30
4191625.2	202.94290 (17031607)	212.56271 (17031607)	210.77022 (17031607)	198.12693 (17031607)	176.95207 (17031607)
4191605.2	216.11061 (17031607)	217.56482 (17031607)	207.27579 (17031607)	187.21968 (17031607)	160.68839 (17031607)
4191585.2	223.28639 (17031607)	216.25680 (17031607)	198.27943 (17031607)	171.58087 (17031607)	167.18341 (15020708)
4191565.2	224.43918 (17031607)	208.45983 (17031607)	183.38350 (17031607)	167.48331 (15020708)	190.16546 (15020708)
4191545.2	218.88196 (17031607)	194.75713 (17031607)	167.09938 (15020708)	191.73037 (15020708)	210.72569 (15020708)
4191525.2	206.77083 (17031607)	175.99444 (17031607)	192.62965 (15020708)	213.83767 (15020708)	227.40793 (15020708)
4191505.2	187.86637 (17031607)	192.95718 (15020708)	216.30762 (15020708)	231.68400 (15020708)	238.49457 (15020708)
4191485.2	192.83970 (15020708)	218.10427 (15020708)	236.18471 (15020708)	244.67114 (15020708)	243.37369 (15020708)
4191465.2	220.09026 (15020708)	239.73980 (15020708)	250.36169 (15020708)	251.34926 (15020708)	257.83449 (15012009)
4191445.2	243.92683 (15020708)	256.29828 (15020708)	257.99877 (15020708)	262.80188 (15012009)	277.33825 (15012009)
4191425.2	262.38091 (15020708)	265.72246 (15020708)	267.93863 (15012009)	284.12128 (15012009)	287.98525 (15012009)
4191405.2	273.63799 (15020708)	273.43317 (15012009)	291.42299 (15012009)	296.45123 (15012009)	288.39014 (15012009)
4191385.2	278.99783 (15012009)	298.95835 (15012009)	305.28115 (15012009)	297.68289 (15012009)	277.73796 (15012009)
4191365.2	306.73158 (15012009)	314.49404 (15012009)	307.44120 (15012009)	287.15500 (15012009)	256.48068 (15012009)
4191345.2	324.10986 (15012009)	317.69654 (15012009)	297.08417 (15012009)	265.59860 (15012009)	245.60139 (14122009)
4191325.2	328.48303 (15012009)	307.56434 (15012009)	274.74394 (15012009)	259.27919 (14122009)	270.17487 (16122217)
4191305.2	318.63821 (15012009)	284.39564 (15012009)	261.79986 (14122009)	279.79873 (16122217)	296.75328 (16122217)
4191285.2	295.18277 (15012009)	270.57692 (14122009)	297.11765 (16122217)	304.51393 (16122217)	300.95561 (16122217)
4191265.2	280.61867 (14122009)	291.79265 (16122217)	314.52371 (16122217)	305.17444 (16122217)	301.67532 (16120517)
4191245.2	303.58306 (16122217)	307.13994 (16122217)	313.90100 (16122217)	308.86075 (16120517)	318.19238 (16120517)
4191225.2	318.84653 (16122217)	306.07354 (16122217)	321.09298 (16120517)	323.69655 (13121317)	316.07576 (16120517)
4191205.2	316.15991 (16122217)	316.32517 (13121317)	315.46457 (13121317)	310.15262 (13121317)	294.89309 (16120517)
4191185.2	330.11572 (13121317)	327.18681 (13121317)	309.44007 (13121317)	287.55589 (16120517)	308.81768 (14012907)
4191165.2	339.49950 (13121317)	318.15762 (13121317)	287.19186 (14012907)	307.75816 (14012907)	319.74315 (14012907)
4191145.2	326.61065 (13121317)	303.87721 (14012907)	311.34658 (14012907)	307.30623 (14012907)	303.66479 (14012907)
4191125.2	320.70886 (14012907)	325.11602 (14012907)	318.13347 (14012907)	301.05700 (14012907)	284.74054 (14010709)
4191105.2	339.94224 (14012907)	328.52345 (14012907)	306.21443 (14012907)	304.97805 (14010709)	316.63196 (14010709)
4191085.2	338.89400 (14012907)	312.53033 (14012907)	324.59889 (14010709)	331.55389 (14010709)	325.11782 (14010709)
4191065.2	331.39440 (14010709)	346.62276 (14010709)	346.44160 (14010709)	332.13656 (14010709)	316.01949 (13121017)
4191045.2	366.01477 (14010709)	360.76311 (14010709)	340.19185 (14010709)	323.36950 (13121017)	309.80876 (15120217)

 4191025.2 | 368.41853 (14010709)   349.71600 (13121017)   332.52340 (13121017)   333.30485 (15120217)
342.54074 (13011717)
 4191005.2 | 357.60367 (13121017)   346.03946 (15120217)   356.85156 (13011717)   367.88311 (13011717)
364.95139 (13011717)
 4190985.2 | 368.01805 (15120217)   383.04835 (13011717)   386.53723 (13011717)   377.26466 (13011717)
355.85474 (13011717)
 4190965.2 | 407.68754 (13011717)   401.38034 (13011717)   381.83781 (13011717)   353.05394 (13011717)
330.60252 (13011617)
 4190945.2 | 411.53369 (13011717)   382.05969 (13011717)   353.21804 (13011617)   325.98576 (13011617)
292.07897 (13011617)
 4190925.2 | 379.72791 (13011617)   350.79618 (13011617)   314.79104 (13011617)   274.85315 (13011617)
232.76080 (13011617)
 4190905.2 | 341.21649 (13011617)   297.23588 (13011617)   252.03907 (13011617)   252.09744 (14111317)
251.68608 (14111317)
 4190885.2 | 273.50248 (13011617)   267.29970 (14111317)   270.10202 (17122817)   291.54076 (17122817)
304.48446 (17122817)
 4190865.2 | 290.68223 (17122817)   313.49902 (17122817)   327.62813 (17122817)   344.06206 (13121117)
353.78288 (13121117)
 4190845.2 | 354.06528 (13121117)   372.20479 (13121117)   381.64744 (13121117)   382.07728 (13121117)
374.30876 (13121117)

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: BOATL
***
                               INCLUDING SOURCE(S):   L0000445   , L0000446   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 561017.30   561037.30   561057.30   561077.30
561097.30
 -
- - - - - - - -

 4190825.2 | 411.11945 (13121117)   409.25612 (13121117)   397.98907 (13121117)   378.86800 (13121117)
353.91413 (13121117)
 4190805.2 | 420.84306 (13121117)   397.73612 (13121117)   378.52713 (13012308)   386.88945 (13012308)
388.94532 (13012308)
 4190785.2 | 415.83422 (13012308)   421.78092 (13012308)   419.88231 (13012308)   410.82497 (13012308)
396.19590 (13012308)
 4190765.2 | 449.26415 (13012308)   435.04657 (13012308)   418.70790 (13010717)   421.27028 (13010717)
417.98470 (13010717)
 4190745.2 | 460.82172 (13010717)   457.63412 (13010717)   448.19860 (13010717)   432.41216 (13010717)
412.27637 (13010717)
 4190725.2 | 471.31795 (13010717)   447.80368 (13010717)   421.20620 (13010717)   391.47919 (13010717)
359.75172 (13010717)
 4190705.2 | 420.51379 (13010717)   383.53430 (13010717)   347.40569 (13010717)   327.37794 (14010417)
318.27784 (14010417)
 4190685.2 | 357.75356 (14010417)   343.92222 (14010417)   332.94450 (14122717)   335.64811 (14122717)
334.52783 (14122717)
 4190665.2 | 377.04719 (14122717)   370.85825 (14122717)   361.92298 (14122717)   349.10393 (14122717)
335.20420 (14122717)
 4190645.2 | 374.21611 (14122717)   359.35292 (14091907)   363.95697 (14091907)   364.12212 (14091907)
365.80761 (14091907)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BOATL ***

INCLUDING SOURCE(S): L0000445 , L0000446 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	561117.30	561137.30	561157.30	561177.30	561197.30
4191625.2	150.41731 (17031607)	166.91961 (15020708)	185.26455 (15020708)	198.26542 (15020708)	204.82960 (15020708)
4191605.2	167.16933 (15020708)	186.97298 (15020708)	201.41596 (15020708)	209.24033 (15020708)	209.88009 (15020708)
4191585.2	188.50734 (15020708)	204.48208 (15020708)	213.66886 (15020708)	215.35160 (15020708)	213.25623 (15012009)
4191565.2	207.44453 (15020708)	218.10229 (15020708)	220.93416 (15020708)	216.74761 (15012009)	232.01592 (15012009)
4191545.2	222.52572 (15020708)	226.62177 (15020708)	222.41832 (15020708)	236.84646 (15012009)	244.91378 (15012009)
4191525.2	232.40683 (15020708)	229.12350 (15020708)	241.78170 (15012009)	250.93039 (15012009)	250.51234 (15012009)
4191505.2	236.03433 (15020708)	246.82000 (15012009)	257.14587 (15012009)	257.41230 (15012009)	247.96468 (15012009)
4191485.2	251.95886 (15012009)	263.56655 (15012009)	264.59453 (15012009)	255.32480 (15012009)	237.19330 (15012009)
4191465.2	270.19868 (15012009)	272.07365 (15012009)	263.02517 (15012009)	244.52534 (15012009)	218.95670 (15012009)
4191445.2	279.86512 (15012009)	271.08717 (15012009)	252.21970 (15012009)	225.77943 (15012009)	212.08779 (14122009)
4191425.2	279.53387 (15012009)	259.87424 (15012009)	232.43886 (15012009)	217.88678 (14122009)	229.78641 (16122217)
4191405.2	268.64962 (15012009)	246.89448 (15012009)	235.74468 (14122009)	244.41098 (16122217)	258.52610 (16122217)
4191385.2	248.41899 (15012009)	231.32338 (14122009)	238.76421 (16122217)	246.43432 (16122217)	244.12753 (16122217)
4191365.2	238.23210 (14122009)	246.40778 (16122217)	253.83807 (16122217)	251.00588 (16122217)	238.68120 (16122217)
4191345.2	268.38119 (16122217)	277.13726 (16122217)	273.24078 (16122217)	257.75270 (16122217)	265.63408 (13121317)
4191325.2	285.84601 (16122217)	280.79672 (16122217)	264.87313 (16120517)	274.63557 (13121317)	273.57916 (13121317)
4191305.2	292.01894 (16122217)	278.55053 (16120517)	283.91659 (13121317)	271.94098 (13121317)	258.74975 (13121317)
4191285.2	294.02903 (16120517)	302.37350 (16120517)	290.41355 (13121317)	257.69772 (13121317)	235.47639 (16120517)
4191265.2	313.19590 (16120517)	309.37940 (16120517)	289.75847 (16120517)	266.21965 (14012907)	277.45110 (14012907)
4191245.2	313.45227 (16120517)	292.65336 (16120517)	282.31024 (14012907)	298.07422 (14012907)	297.93251 (14012907)
4191225.2	294.06163 (16120517)	288.23547 (14012907)	301.62701 (14012907)	305.33709 (14012907)	294.22603 (14012907)
4191205.2	302.11482 (14012907)	309.38445 (14012907)	303.44115 (14012907)	287.62487 (14012907)	266.03753 (14012907)
4191185.2	316.36192 (14012907)	309.20391 (14012907)	288.88908 (14012907)	261.71641 (14012907)	278.36386 (14010709)
4191165.2	309.27771 (14012907)	289.25237 (14012907)	279.33814 (14010709)	293.22990 (14010709)	295.97992 (14010709)
4191145.2	292.08451 (14012907)	297.34783 (14010709)	307.32236 (14010709)	297.55969 (14010709)	277.54489 (14010709)
4191125.2	306.83111 (14010709)	311.33853 (14010709)	303.92898 (14010709)	280.78200 (13121017)	273.06561 (13121017)
4191105.2	315.81447 (14010709)	303.31954 (14010709)	290.35565 (13121017)	276.62369 (13121017)	274.93313 (15120217)

 4191085.2 | 306.79931 (14010709)   296.84025 (13121017)   283.16509 (15120217)   289.26058 (15120217)
299.19394 (13011717)
 4191065.2 | 300.77728 (13121017)   300.69019 (15120217)   308.71715 (13011717)   316.66250 (13011717)
315.66354 (13011717)
 4191045.2 | 317.38951 (13011717)   329.48987 (13011717)   331.74789 (13011717)   324.55413 (13011717)
309.04835 (13011717)
 4191025.2 | 356.14384 (13011717)   343.40908 (13011717)   329.61836 (13011717)   307.70535 (13011717)
289.34447 (13011617)
 4191005.2 | 350.23235 (13011717)   330.01730 (13011717)   307.65859 (13011617)   287.87221 (13011617)
262.33550 (13011617)
 4190985.2 | 327.37985 (13011617)   307.77788 (13011617)   281.32214 (13011617)   250.45964 (13011617)
217.55774 (13011617)
 4190965.2 | 303.57879 (13011617)   270.72493 (13011617)   234.78188 (13011617)   204.25394 (14111317)
211.45623 (14111317)
 4190945.2 | 254.27038 (13011617)   216.64536 (14111317)   223.49022 (14111317)   223.56555 (14111317)
235.65716 (17122817)
 4190925.2 | 236.97075 (14111317)   237.00620 (14111317)   252.07734 (17122817)   265.36545 (17122817)
273.20787 (13121117)
 4190905.2 | 270.12896 (17122817)   283.57240 (17122817)   293.88725 (13121117)   305.74835 (13121117)
311.80466 (13121117)
 4190885.2 | 316.76907 (13121117)   328.06361 (13121117)   332.74368 (13121117)   330.99060 (13121117)
323.33106 (13121117)
 4190865.2 | 355.41257 (13121117)   351.30691 (13121117)   340.54891 (13121117)   324.37907 (13121117)
303.97511 (13121117)
 4190845.2 | 359.56662 (13121117)   340.04396 (13121117)   321.97806 (13012308)   330.06813 (13012308)
333.48841 (13012308)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: BOATL
***
                               INCLUDING SOURCE(S):   L0000445   , L0000446   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 561117.30   561137.30   561157.30   561177.30
561197.30
 -
- - - - - - - -

 4190825.2 | 353.01132 (13012308)   358.96624 (13012308)   359.28409 (13012308)   354.57477 (13012308)
345.45731 (13012308)
 4190805.2 | 385.07461 (13012308)   375.88431 (13012308)   362.13810 (13012308)   352.99730 (13010717)
355.03117 (13010717)
 4190785.2 | 383.47482 (13010717)   385.74599 (13010717)   383.11041 (13010717)   376.02010 (13010717)
365.03696 (13010717)
 4190765.2 | 409.43075 (13010717)   396.32527 (13010717)   379.46256 (13010717)   359.66151 (13010717)
337.72200 (13010717)
 4190745.2 | 388.82825 (13010717)   363.06617 (13010717)   335.90761 (13010717)   308.16151 (13010717)
280.51346 (13010717)
 4190725.2 | 327.54983 (13010717)   297.86178 (14010417)   292.30986 (14010417)   283.87015 (14010417)
273.01265 (14010417)
 4190705.2 | 305.91157 (14010417)   295.97354 (14122717)   298.10910 (14122717)   297.58164 (14122717)
294.60056 (14122717)
 4190685.2 | 330.09068 (14122717)   322.97576 (14122717)   313.56663 (14122717)   302.25668 (14122717)
289.43356 (14122717)
 4190665.2 | 319.62785 (14122717)   310.52299 (14091907)   314.43453 (14091907)   316.61695 (14091907)
317.16693 (14091907)
 4190645.2 | 365.49706 (14091907)   361.59801 (14091907)   356.10366 (14091907)   349.21578 (14091907)
341.13272 (14091907)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BOATL ***

INCLUDING SOURCE(S): L0000445 , L0000446 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	561217.30	561237.30	561257.30	561277.30	561297.30
4191625.2	204.52423 (15020708)	206.34414 (15012009)	218.15950 (15012009)	222.70936 (15012009)	219.78753 (15012009)
4191605.2	209.78647 (15012009)	222.67230 (15012009)	227.99370 (15012009)	225.46935 (15012009)	215.62047 (15012009)
4191585.2	227.29107 (15012009)	233.45175 (15012009)	231.37136 (15012009)	221.55040 (15012009)	205.22358 (15012009)
4191565.2	239.08968 (15012009)	237.50461 (15012009)	227.73438 (15012009)	211.05489 (15012009)	189.28945 (15012009)
4191545.2	243.88081 (15012009)	234.18726 (15012009)	217.15016 (15012009)	194.69128 (15012009)	185.16798 (14122009)
4191525.2	240.92498 (15012009)	223.52605 (15012009)	200.34203 (15012009)	190.08212 (14122009)	193.78898 (16122217)
4191505.2	230.20059 (15012009)	206.25791 (15012009)	195.21647 (14122009)	199.41039 (16122217)	207.76070 (16122217)
4191485.2	212.65623 (15012009)	200.80216 (14122009)	205.38891 (16122217)	213.59665 (16122217)	214.58576 (16122217)
4191465.2	206.50517 (14122009)	212.21398 (16122217)	219.89662 (16122217)	220.08338 (16122217)	213.00827 (16122217)
4191445.2	217.65973 (16122217)	225.43130 (16122217)	231.94952 (16122217)	230.50021 (16122217)	227.28800 (16120517)
4191425.2	239.26537 (16122217)	245.61096 (16122217)	237.87537 (16122217)	237.86684 (16120517)	244.12772 (16120517)
4191405.2	256.10497 (16122217)	242.48791 (16122217)	245.88329 (16120517)	251.91186 (16120517)	246.60631 (16120517)
4191385.2	247.20911 (16122217)	253.41591 (16120517)	244.21049 (13121317)	237.67346 (13121317)	218.64807 (13121317)
4191365.2	249.49460 (13121317)	259.81862 (13121317)	236.78579 (13121317)	222.78675 (13121317)	203.11154 (16120517)
4191345.2	250.43685 (13121317)	242.45129 (13121317)	226.21269 (13121317)	208.45413 (14012907)	216.26988 (14012907)
4191325.2	246.98953 (13121317)	229.47285 (13121317)	217.60014 (14012907)	224.39093 (14012907)	225.48954 (14012907)
4191305.2	231.90160 (16120517)	226.68918 (14012907)	232.49346 (14012907)	232.12193 (14012907)	225.89162 (14012907)
4191285.2	236.07637 (14012907)	249.79338 (14012907)	238.27363 (14012907)	230.40249 (14012907)	217.10999 (14012907)
4191265.2	271.74660 (14012907)	244.41515 (14012907)	254.06310 (14012907)	226.26754 (15010817)	224.09036 (14010709)
4191245.2	278.77904 (14012907)	245.44050 (14012907)	242.84745 (14012907)	252.55103 (14010709)	257.21813 (14010709)
4191225.2	267.59253 (14012907)	249.15996 (14010709)	270.10024 (14010709)	277.69475 (14010709)	272.91925 (14010709)
4191205.2	266.55629 (14010709)	279.01646 (14010709)	282.66610 (14010709)	277.34202 (14010709)	267.49197 (13121017)
4191185.2	287.62929 (14010709)	287.10253 (14010709)	276.57802 (14010709)	271.84939 (13121017)	260.17283 (13121017)
4191165.2	287.86693 (14010709)	275.71144 (13121017)	274.49137 (13121017)	258.00847 (15120217)	267.95550 (15120217)

 4191145.2 | 273.21204 (13121017)   269.67031 (13121017)   273.56049 (15120217)   277.35397 (15120217)
285.05848 (13011717)
 4191125.2 | 258.24113 (15120217)   279.76861 (15120217)   292.59840 (13011717)   297.38384 (13011717)
284.96942 (13011717)
 4191105.2 | 279.39478 (13011717)   296.81236 (13011717)   290.21009 (13011717)   284.76954 (13011717)
272.54877 (13011717)
 4191085.2 | 303.43040 (13011717)   299.41552 (13011717)   288.80086 (13011717)   271.82112 (13011717)
256.53919 (13011617)
 4191065.2 | 306.31255 (13011717)   289.79815 (13011717)   270.80575 (13011617)   256.56385 (13011617)
237.54800 (13011617)
 4191045.2 | 286.89821 (13011717)   272.34399 (13011617)   252.84108 (13011617)   229.29023 (13011617)
203.60730 (13011617)
 4191025.2 | 269.61163 (13011617)   245.05364 (13011617)   217.58686 (13011617)   189.31215 (13011617)
176.08866 (14111317)
 4191005.2 | 233.49170 (13011617)   203.02539 (13011617)   184.63418 (14111317)   190.69352 (14111317)
191.72156 (14111317)
 4190985.2 | 194.27198 (14111317)   200.92566 (14111317)   201.58883 (14111317)   207.58418 (17122817)
219.98012 (17122817)
 4190965.2 | 212.15880 (14111317)   221.00832 (17122817)   233.74933 (17122817)   241.75411 (17122817)
249.75030 (13121117)
 4190945.2 | 249.05891 (17122817)   256.86022 (17122817)   266.91360 (13121117)   274.60909 (13121117)
277.85109 (13121117)
 4190925.2 | 285.96502 (13121117)   293.55407 (13121117)   294.70467 (13121117)   291.43421 (13121117)
283.98515 (13121117)
 4190905.2 | 311.75702 (13121117)   306.31768 (13121117)   296.95424 (13121117)   283.17730 (13121117)
266.06895 (13121117)
 4190885.2 | 310.37955 (13121117)   293.28468 (13121117)   276.75898 (13012308)   284.49680 (13012308)
288.56768 (13012308)
 4190865.2 | 302.33700 (13012308)   308.55248 (13012308)   309.57755 (13012308)   307.31320 (13012308)
301.71454 (13012308)
 4190845.2 | 331.84627 (13012308)   325.82325 (13012308)   316.69697 (13012308)   303.44537 (13012308)
298.91380 (13010717)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: BOATL
***
                                INCLUDING SOURCE(S):   L0000445   , L0000446   ,

                                 *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                      ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 561217.30   561237.30   561257.30   561277.30
561297.30
 -
- - - - - - - -

 4190825.2 | 332.06250 (13012308)   325.03229 (13010717)   326.12963 (13010717)   323.01157 (13010717)
317.11587 (13010717)
 4190805.2 | 352.90620 (13010717)   346.72653 (13010717)   335.83368 (13010717)   323.15844 (13010717)
308.52492 (13010717)
 4190785.2 | 350.78882 (13010717)   333.68534 (13010717)   313.35972 (13010717)   292.74654 (13010717)
271.98707 (13010717)
 4190765.2 | 314.39155 (13010717)   290.20487 (13010717)   265.03829 (13010717)   244.90102 (14010417)
241.79840 (14010417)
 4190745.2 | 268.28621 (14010417)   262.84066 (14010417)   254.71992 (14010417)   244.66044 (14010417)
237.09867 (14122717)
 4190725.2 | 264.68447 (14122717)   266.89863 (14122717)   266.84176 (14122717)   264.20295 (14122717)
259.35370 (14122717)
 4190705.2 | 289.41556 (14122717)   282.30210 (14122717)   273.54821 (14122717)   263.06964 (14122717)
251.14823 (14122717)
 4190685.2 | 275.46690 (14122717)   270.63609 (14091907)   274.13743 (14091907)   276.31836 (14091907)

277.06374 (14091907)
 4190665.2 | 316.19765 (14091907)   313.83384 (14091907)   310.20745 (14091907)   305.45400 (14091907)
299.58620 (14091907)
 4190645.2 | 332.04555 (14091907)   322.13521 (14091907)   311.57051 (14091907)   300.50688 (14091907)
289.02855 (14091907)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: BOATL
***
                               INCLUDING SOURCE(S):   L0000445   , L0000446   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 561317.30   561337.30   561357.30   561377.30
561397.30
 -
- - - - - - - -

 4191625.2 | 209.93073 (15012009)   193.87141 (15012009)   184.14263 (15012009)   175.94834 (14122009)
179.69657 (14122009)
 4191605.2 | 199.64079 (15012009)   178.78119 (15012009)   180.29434 (14122009)   183.99888 (14122009)
192.39199 (16122217)
 4191585.2 | 184.12162 (15012009)   175.64250 (14122009)   188.47146 (14122009)   197.43208 (16122217)
200.89897 (16122217)
 4191565.2 | 180.46104 (14122009)   183.08611 (14122009)   202.67257 (16122217)   205.82712 (16122217)
202.08101 (16122217)
 4191545.2 | 188.41036 (16122217)   196.32450 (16122217)   210.92861 (16122217)   206.50543 (16122217)
195.55387 (16122217)
 4191525.2 | 202.16277 (16122217)   203.48280 (16122217)   211.05168 (16122217)   199.12084 (16122217)
205.79544 (13121317)
 4191505.2 | 209.18170 (16122217)   203.30384 (16122217)   203.90655 (16120517)   211.88438 (13121317)
213.44237 (13121317)
 4191485.2 | 208.13651 (16122217)   198.78927 (13121317)   211.27032 (13121317)   212.36280 (13121317)
212.34966 (13121317)
 4191465.2 | 211.39218 (13121317)   211.16774 (13121317)   210.87747 (13121317)   209.89562 (13121317)
202.74757 (16120517)
 4191445.2 | 217.32860 (13121317)   215.92382 (13121317)   207.85964 (13121317)   199.32135 (16120517)
190.28760 (14012907)
 4191425.2 | 227.39356 (13121317)   211.36853 (13121317)   196.19420 (13121317)   192.00499 (14012907)
206.43542 (14012907)
 4191405.2 | 229.50906 (16120517)   209.71600 (16120517)   206.63019 (14012907)   213.77836 (14012907)
215.65033 (14012907)
 4191385.2 | 200.79482 (16120517)   200.16484 (14012907)   204.96804 (14012907)   205.04741 (14012907)
207.51702 (14012907)
 4191365.2 | 208.26907 (14012907)   211.99618 (14012907)   210.72221 (14012907)   204.74775 (14012907)
194.26140 (14012907)
 4191345.2 | 218.76559 (14012907)   215.99567 (14012907)   208.38216 (14012907)   197.01024 (15010817)
190.06999 (14010709)
 4191325.2 | 221.06982 (14012907)   211.69027 (14012907)   201.08898 (15010817)   201.31646 (14010709)
209.63789 (14010709)
 4191305.2 | 214.61858 (14012907)   204.55295 (15010817)   212.11574 (14010709)   219.02955 (14010709)
219.65931 (14010709)
 4191285.2 | 211.81800 (14010709)   222.77109 (14010709)   227.46108 (14010709)   225.78486 (14010709)
218.16361 (14010709)
 4191265.2 | 238.25630 (14010709)   234.79037 (14010709)   230.69133 (14010709)   220.13150 (14010709)
214.96797 (13121017)
 4191245.2 | 257.46029 (14010709)   239.94767 (14010709)   224.88452 (13121017)   218.59835 (13121017)
206.74424 (13121017)
 4191225.2 | 256.17517 (14010709)   243.10558 (13121017)   220.83315 (13121017)   215.53120 (15120217)
219.22383 (15120217)

4191205.2 | 256.78992 (13121017) 234.61967 (13121017) 226.67694 (15120217) 229.12508 (13011717)
235.96737 (13011717)
4191185.2 | 254.43199 (15120217) 253.21807 (15120217) 243.29940 (13011717) 248.10784 (13011717)
246.64525 (13011717)
4191165.2 | 273.93233 (13011717) 276.03826 (13011717) 257.47807 (13011717) 253.53301 (13011717)
243.45319 (13011717)
4191145.2 | 292.73866 (13011717) 282.58873 (13011717) 256.40041 (13011717) 243.88139 (13011717)
230.18965 (13011617)
4191125.2 | 286.82948 (13011717) 263.21849 (13011717) 240.91309 (13011617) 231.67283 (13011617)
216.95891 (13011617)
4191105.2 | 255.05831 (13011717) 242.87886 (13011617) 228.64163 (13011617) 211.49520 (13011617)
190.78697 (13011617)
4191085.2 | 242.63088 (13011617) 223.66474 (13011617) 201.98498 (13011617) 179.81419 (13011617)
156.42441 (13011617)
4191065.2 | 215.71897 (13011617) 191.09892 (13011617) 165.97851 (13011617) 161.00602 (14111317)
165.95266 (14111317)
4191045.2 | 177.39136 (13011617) 168.17020 (14111317) 173.34772 (14111317) 174.69368 (14111317)
174.47853 (17122817)
4191025.2 | 181.67621 (14111317) 182.64274 (14111317) 184.23095 (17122817) 196.34939 (17122817)
204.80321 (17122817)
4191005.2 | 195.34566 (17122817) 207.37036 (17122817) 215.75793 (17122817) 220.63028 (17122817)
229.58110 (13121117)
4190985.2 | 228.18059 (17122817) 234.14143 (13121117) 242.96125 (13121117) 248.68985 (13121117)
250.23138 (13121117)
4190965.2 | 258.10801 (13121117) 262.37249 (13121117) 262.70558 (13121117) 259.79260 (13121117)
252.84620 (13121117)
4190945.2 | 276.62599 (13121117) 271.25502 (13121117) 262.33520 (13121117) 250.89020 (13121117)
236.42292 (13121117)
4190925.2 | 272.67170 (13121117) 258.20697 (13121117) 242.62628 (13012308) 250.32504 (13012308)
254.78865 (13012308)
4190905.2 | 262.83343 (13012308) 268.60725 (13012308) 271.29435 (13012308) 271.22154 (13012308)
268.51108 (13012308)
4190885.2 | 289.18957 (13012308) 286.55432 (13012308) 280.94638 (13012308) 272.71848 (13012308)
262.79177 (13012308)
4190865.2 | 293.32582 (13012308) 282.16471 (13012308) 280.53636 (13010717) 282.09844 (13010717)
281.61202 (13010717)
4190845.2 | 303.04700 (13010717) 301.83056 (13010717) 297.11431 (13010717) 290.42610 (13010717)
282.13810 (13010717)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BOATL ***

INCLUDING SOURCE(S): L0000445 , L0000446 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD | X-COORD (METERS)
(METERS) | 561317.30 561337.30 561357.30 561377.30
561397.30
- -

4190825.2 | 310.76934 (13010717) 300.99699 (13010717) 288.79089 (13010717) 274.79738 (13010717)
260.14654 (13010717)
4190805.2 | 290.02539 (13010717) 273.62512 (13010717) 257.05787 (13010717) 238.47035 (13010717)
220.34037 (13010717)
4190785.2 | 251.05446 (13010717) 228.80041 (13010717) 226.95011 (14010417) 219.43652 (14010417)
215.45792 (14010417)
4190765.2 | 237.32616 (14010417) 229.36821 (14010417) 223.69616 (14010417) 213.47801 (14122717)
216.67097 (14122717)
4190745.2 | 239.92719 (14122717) 240.11850 (14122717) 238.19598 (14122717) 233.93846 (14122717)

230.59638 (14122717)
 4190725.2 | 252.91991 (14122717)   245.63299 (14122717)   237.77990 (14122717)   229.61034 (14122717)
220.19769 (14122717)
 4190705.2 | 237.73050 (14122717)   239.74073 (14091907)   243.71225 (14091907)   241.53918 (14091907)
242.95283 (14091907)
 4190685.2 | 275.64375 (14091907)   272.54026 (14091907)   276.40464 (14091907)   266.59606 (14091907)
263.47071 (14091907)
 4190665.2 | 292.34990 (14091907)   284.06155 (14091907)   275.11310 (14091907)   265.56041 (14091907)
257.42385 (14091907)
 4190645.2 | 277.12607 (14091907)   264.71996 (14091907)   252.03675 (14091907)   239.42652 (14091907)
227.89900 (14091907)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                          *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: BOATL
***
                              INCLUDING SOURCE(S):   L0000445   , L0000446   ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC
(YYMMDDHH)
 -
- - - - - - - -
        560122.00   4190978.00   869.27457 (17112408)   560142.00   4190978.00   849.55537
(17112408)
        560162.00   4190978.00   675.57034 (14012908)   560182.00   4190978.00   830.28167
(15011607)
        560202.00   4190978.00   830.44728 (15011607)   560222.00   4190978.00   654.03919
(15011607)
        560242.00   4190978.00   649.05422 (15010517)   560262.00   4190978.00   859.15153
(15010517)
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(17112408)
        560142.00   4190998.00   792.52104 (17112408)   560162.00   4190998.00   638.94279
(15011607)
        560182.00   4190998.00   795.36779 (15011607)   560202.00   4190998.00   789.91737
(15011607)
        560222.00   4190998.00   624.42490 (15011607)   560242.00   4190998.00   598.16383
(15010517)
        560262.00   4190998.00   808.91275 (15010517)   560282.00   4190998.00   831.20196
(15010517)
        560302.00   4190998.00   649.98027 (15010517)   560322.00   4190998.00   815.57016
(15112108)
        560102.00   4191018.00   731.87117 (13040307)   560122.00   4191018.00   806.19420
(17112408)
        560142.00   4191018.00   737.45347 (17112408)   560162.00   4191018.00   623.08740
(15011607)
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(15011607)
        560222.00   4191018.00   595.74395 (15011607)   560242.00   4191018.00   564.22580
(16020608)
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(15010517)
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(15112108)
        560342.00   4191018.00   789.99526 (15112108)   560362.00   4191018.00   751.53236
(14112517)
        560382.00   4191018.00   648.10689 (16112517)   560402.00   4191018.00   602.73938
(16112517)
        560102.00   4191038.00   716.49184 (14122007)   560122.00   4191038.00   770.86201
(17112408)

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(15011607)
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(16020608)
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(15010517)
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(15112108)
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       560422.00   4191038.00      555.29900  (15021907)              560442.00   4191038.00      638.06535
(13121417)
       560462.00   4191038.00      681.92483  (13121417)              560082.00   4191058.00      718.15136
(13040307)
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(17112408)
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(15011607)
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(15011607)
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(16020608)
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(15112108)
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(14112517)
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(16112517)
       560422.00   4191058.00      513.15904  (16112517)              560442.00   4191058.00      582.65718
(15021907)
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(13040307)
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(17112408)
       560142.00   4191078.00      589.45268  (17112408)              560162.00   4191078.00      576.55763
(15011607)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

PAGE  1084
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

                           *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  BOATL
***
                               INCLUDING SOURCE(S):     L0000445    , L0000446    ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                    ** CONC OF PM_10    IN MICROGRAMS/M**3                          **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)  Y-COORD (M)        CONC
(YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -
       560182.00   4191078.00      675.43458  (15011607)              560202.00   4191078.00      653.57666
(15011607)
       560222.00   4191078.00      521.59558  (15011607)              560242.00   4191078.00      485.75610
(16020608)
       560262.00   4191078.00      621.09825  (15010517)              560282.00   4191078.00      712.21654
(15010517)
       560302.00   4191078.00      648.40590  (15010517)              560322.00   4191078.00      575.61302
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(15112108)
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(15112108)
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(16112517)
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(15021907)
560462.00 4191078.00 596.86647 (13121417) 560482.00 4191078.00 624.36627
(13121417)
560502.00 4191078.00 564.13003 (13121417) 560082.00 4191098.00 631.86139
(13040307)
560102.00 4191098.00 667.50005 (17112408) 560122.00 4191098.00 660.83840
(17112408)
560142.00 4191098.00 546.08349 (17112408) 560162.00 4191098.00 561.58244
(15011607)
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560262.00 4191098.00 580.87289 (15010517) 560282.00 4191098.00 680.92482
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(15112108)
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(14112517)
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(13121417)
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(13121308)
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560102.00 4191118.00 648.16926 (17112408) 560122.00 4191118.00 624.64589
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(15011607)
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560262.00 4191118.00 543.20748 (15010517) 560282.00 4191118.00 649.86381
(15010517)
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(15010517)
560342.00 4191118.00 606.15710 (15112108) 560362.00 4191118.00 645.58742
(15112108)
560382.00 4191118.00 611.19373 (14112517) 560402.00 4191118.00 567.59882
(14112517)
560422.00 4191118.00 527.23085 (16112517) 560442.00 4191118.00 458.38429
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560462.00 4191118.00 499.98660 (15021907) 560482.00 4191118.00 557.77336
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(14122007)
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(17112408)
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(15011607)
560182.00 4191138.00 602.46397 (15011607) 560202.00 4191138.00 574.58466
(15011607)
560222.00 4191138.00 461.56794 (15011607) 560242.00 4191138.00 419.84558
(16020608)
560262.00 4191138.00 507.99451 (15010517) 560282.00 4191138.00 619.28775
(15010517)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BOATL ***

INCLUDING SOURCE(S): L0000445 , L0000446 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
560302.00	4191138.00	614.05101	(15010517)	560322.00	4191138.00	496.15615	(15010517)
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560382.00	4191138.00	584.63519	(14112517)	560402.00	4191138.00	565.11325	(14112517)
560422.00	4191138.00	506.82133	(16112517)	560442.00	4191138.00	473.61232	(16112517)
560462.00	4191138.00	451.74305	(15021907)	560482.00	4191138.00	508.50736	(13121417)
560502.00	4191138.00	553.01594	(13121417)	560062.00	4191158.00	581.27563	(13040307)
560082.00	4191158.00	568.16779	(14122007)	560102.00	4191158.00	604.48680	(17112408)
560122.00	4191158.00	555.05628	(17112408)	560142.00	4191158.00	454.71177	(14012908)
560162.00	4191158.00	518.72797	(15011607)	560182.00	4191158.00	580.78368	(15011607)
560202.00	4191158.00	551.64091	(15011607)	560222.00	4191158.00	444.05631	(15011607)
560242.00	4191158.00	400.31795	(16020608)	560262.00	4191158.00	475.11512	(15010517)
560282.00	4191158.00	589.39482	(15010517)	560302.00	4191158.00	598.94875	(15010517)
560322.00	4191158.00	499.47137	(15010517)	560342.00	4191158.00	515.60526	(15112108)
560362.00	4191158.00	595.74000	(15112108)	560382.00	4191158.00	571.62881	(15112108)
560402.00	4191158.00	556.50132	(14112517)	560422.00	4191158.00	488.36683	(14112517)
560442.00	4191158.00	477.39472	(16112517)	560462.00	4191158.00	401.63941	(15021907)
560482.00	4191158.00	472.17155	(15021907)	560502.00	4191158.00	519.60773	(13121417)
560062.00	4191178.00	550.20173	(13040307)	560082.00	4191178.00	553.46651	(17112408)
560102.00	4191178.00	581.04187	(17112408)	560122.00	4191178.00	522.07044	(17112408)
560142.00	4191178.00	429.98129	(13021507)	560162.00	4191178.00	505.18958	(15011607)
560182.00	4191178.00	560.27256	(15011607)	560202.00	4191178.00	530.14512	(15011607)
560222.00	4191178.00	427.61521	(15011607)	560242.00	4191178.00	381.89341	(16020608)
560322.00	4191178.00	500.39560	(15010517)	560342.00	4191178.00	471.52996	(15112108)
560362.00	4191178.00	565.14977	(15112108)	560382.00	4191178.00	565.75663	(15112108)
560402.00	4191178.00	542.65123	(14112517)	560422.00	4191178.00	495.06698	

(14112517)
        560442.00   4191178.00   470.54644 (16112517)   560462.00   4191178.00   412.81199
(16112517)
        560482.00   4191178.00   432.41481 (15021907)   560502.00   4191178.00   478.45080
(13121417)
        560062.00   4191198.00   518.22542 (13040307)   560082.00   4191198.00   544.55336
(17112408)
        560102.00   4191198.00   557.03355 (17112408)   560122.00   4191198.00   490.46736
(17112408)
        560142.00   4191198.00   411.71827 (13021507)   560162.00   4191198.00   492.03820
(15011607)
        560182.00   4191198.00   540.85004 (15011607)   560202.00   4191198.00   509.97392
(15011607)
        560222.00   4191198.00   412.15498 (15011607)   560362.00   4191198.00   532.28734
(15112108)
        560382.00   4191198.00   554.43205 (15112108)   560402.00   4191198.00   524.48486
(14112517)
        560422.00   4191198.00   496.24062 (14112517)   560442.00   4191198.00   454.46712
(16112517)
        560462.00   4191198.00   425.36981 (16112517)   560482.00   4191198.00   389.83224
(15021907)
        560042.00   4191218.00   532.63160 (13040307)   560062.00   4191218.00   488.78856
(14122007)
        560082.00   4191218.00   533.23351 (17112408)   560102.00   4191218.00   532.77183
(17112408)
        560122.00   4191218.00   460.32212 (17112408)   560142.00   4191218.00   393.83436
(13021507)
        560162.00   4191218.00   479.27573 (15011607)   560182.00   4191218.00   522.44193
(15011607)
        560202.00   4191218.00   491.01697 (15011607)   560222.00   4191218.00   397.59539
(15011607)
        560342.00   4191218.00   388.97728 (15112108)   560362.00   4191218.00   498.11712
(15112108)
        560382.00   4191218.00   538.50363 (15112108)   560402.00   4191218.00   502.90902
(14112517)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: BOATL
***
                               INCLUDING SOURCE(S):   L0000445   , L0000446   ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                    ** CONC OF PM_10   IN MICROGRAMS/M**3   **

     X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC
(YYMMDDHH)
 -
- - - - - - - -
        560422.00   4191218.00   492.37478 (14112517)   560442.00   4191218.00   430.91374
(16112517)
        560462.00   4191218.00   428.43412 (16112517)   560482.00   4191218.00   355.36468
(16112517)
        560082.00   4191238.00   520.31235 (17112408)   560102.00   4191238.00   508.51650
(17112408)
        560122.00   4191238.00   431.67435 (17112408)   560142.00   4191238.00   384.41713
(16122807)
        560162.00   4191238.00   466.90091 (15011607)   560182.00   4191238.00   504.97987
(15011607)
        560202.00   4191238.00   473.17529 (15011607)   560222.00   4191238.00   383.86440
(15011607)
        560342.00   4191238.00   383.97980 (15010517)   560362.00   4191238.00   463.45888
(15112108)

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        560382.00   4191238.00      518.82991  (15112108)              560402.00   4191238.00      494.15867
(15112108)
        560422.00   4191238.00      484.05112  (14112517)              560442.00   4191238.00      435.51818
(14112517)
        560462.00   4191238.00      422.88499  (16112517)              560182.00   4191258.00      488.40107
(15011607)
        560202.00   4191258.00      456.36010  (15011607)              560322.00   4191258.00      484.69081
(15010517)
        560342.00   4191258.00      389.74420  (15010517)              560362.00   4191258.00      428.98886
(15112108)
        560382.00   4191258.00      496.24154  (15112108)              560402.00   4191258.00      490.60940
(15112108)
        560422.00   4191258.00      471.90335  (14112517)              560442.00   4191258.00      438.92695
(14112517)
        560462.00   4191258.00      409.72698  (16112517)              560322.00   4191278.00      477.00827
(15010517)
        560342.00   4191278.00      393.82023  (15010517)              560362.00   4191278.00      395.24763
(15112108)
        560382.00   4191278.00      471.51371  (15112108)              560402.00   4191278.00      482.83368
(15112108)
        560422.00   4191278.00      456.58133  (14112517)              560442.00   4191278.00      437.65123
(14112517)
        559982.00   4191298.00      379.95788  (13040307)              560002.00   4191298.00      447.06620
(13040307)
        560022.00   4191298.00      467.65748  (13040307)              560042.00   4191298.00      434.22995
(13040307)
        560062.00   4191298.00      453.94544  (14122007)              560302.00   4191298.00      472.89258
(15010517)
        560322.00   4191298.00      468.22677  (15010517)              560342.00   4191298.00      396.30910
(15010517)
        560362.00   4191298.00      362.65218  (15112108)              560382.00   4191298.00      445.34823
(15112108)
        560402.00   4191298.00      471.40017  (15112108)              560422.00   4191298.00      438.72257
(14112517)
        560442.00   4191298.00      432.52006  (14112517)              559962.00   4191318.00      304.74343
(13040307)
        559982.00   4191318.00      388.47222  (13040307)              560002.00   4191318.00      442.75798
(13040307)
        560022.00   4191318.00      450.43370  (13040307)              560042.00   4191318.00      413.11281
(14122007)
        560062.00   4191318.00      447.06581  (17112408)              560082.00   4191318.00      458.32819
(17112408)
        560102.00   4191318.00      415.27500  (17112408)              560122.00   4191318.00      349.89566
(14012908)
        560142.00   4191318.00      352.78210  (15011607)              560162.00   4191318.00      421.18032
(15011607)
        560302.00   4191318.00      454.37349  (15010517)              560322.00   4191318.00      458.52505
(15010517)
        560342.00   4191318.00      397.32128  (15010517)              560362.00   4191318.00      331.51052
(15112108)
        560382.00   4191318.00      418.36342  (15112108)              560402.00   4191318.00      456.89681
(15112108)
        560422.00   4191318.00      432.82440  (15112108)              559962.00   4191338.00      318.56416
(13040307)
        559982.00   4191338.00      393.47872  (13040307)              560002.00   4191338.00      435.64268
(13040307)
        560022.00   4191338.00      431.69947  (13040307)              560042.00   4191338.00      410.19739
(14122007)
        560062.00   4191338.00      439.10965  (17112408)              560082.00   4191338.00      441.44207
(17112408)
        560102.00   4191338.00      393.53653  (17112408)              560122.00   4191338.00      335.10535
(13021507)
        560142.00   4191338.00      347.23627  (15011607)              560162.00   4191338.00      410.65743
(15011607)
        560182.00   4191338.00      429.82505  (15011607)              560202.00   4191338.00      397.87559
(15011607)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                      ***
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BOATL ***

INCLUDING SOURCE(S): L0000445 , L0000446 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
560222.00	4191338.00	325.58258	(15011607)	560242.00	4191338.00	266.91638	(16020608)
560302.00	4191338.00	436.12172	(15010517)	560322.00	4191338.00	448.06697	(15010517)
560342.00	4191338.00	396.97271	(15010517)	560362.00	4191338.00	303.73508	(15010517)
560382.00	4191338.00	391.09013	(15112108)	560402.00	4191338.00	439.90542	(15112108)
560422.00	4191338.00	430.77988	(15112108)	559962.00	4191358.00	330.05438	(13040307)
559982.00	4191358.00	395.61922	(13040307)	560002.00	4191358.00	426.11829	(13040307)
560022.00	4191358.00	411.87954	(13040307)	560042.00	4191358.00	405.30969	(14122007)
560062.00	4191358.00	430.02327	(17112408)	560082.00	4191358.00	424.37908	(17112408)
560102.00	4191358.00	372.58180	(17112408)	560122.00	4191358.00	324.16600	(13021507)
560142.00	4191358.00	341.67845	(15011607)	560162.00	4191358.00	400.47920	(15011607)
560182.00	4191358.00	416.87797	(15011607)	560202.00	4191358.00	385.13558	(15011607)
560222.00	4191358.00	315.66343	(15011607)	560242.00	4191358.00	255.81968	(16020608)
560262.00	4191358.00	305.09776	(16020608)	560282.00	4191358.00	346.16952	(15010517)
560302.00	4191358.00	418.21585	(15010517)	560322.00	4191358.00	437.00159	(15010517)
560342.00	4191358.00	395.38191	(15010517)	560362.00	4191358.00	310.16480	(15010517)
560382.00	4191358.00	363.71582	(15112108)	560402.00	4191358.00	420.48862	(15112108)
559962.00	4191378.00	339.14638	(13040307)	559982.00	4191378.00	395.07372	(13040307)
560002.00	4191378.00	414.54973	(13040307)	560022.00	4191378.00	391.35430	(13040307)
560042.00	4191378.00	398.68017	(14122007)	560062.00	4191378.00	419.99185	(17112408)
560082.00	4191378.00	407.28524	(17112408)	560102.00	4191378.00	352.45142	(17112408)
560122.00	4191378.00	313.24854	(13021507)	560142.00	4191378.00	336.12558	(15011607)
560162.00	4191378.00	390.63558	(15011607)	560182.00	4191378.00	404.52682	(15011607)
560202.00	4191378.00	373.04243	(15011607)	560222.00	4191378.00	306.23073	(15011607)
560242.00	4191378.00	245.30623	(16020608)	560262.00	4191378.00	294.75558	(16020608)
560282.00	4191378.00	327.71500	(15010517)	560302.00	4191378.00	400.66395	(15010517)
560322.00	4191378.00	425.36869	(15010517)	560342.00	4191378.00	392.55690	(15010517)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BOATL ***

INCLUDING SOURCE(S): L0000445 , L0000446 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
559982.00	4191398.00	392.05986	(13040307)	560002.00	4191398.00	401.29378	(13040307)
560022.00	4191398.00	370.45785	(13040307)	560042.00	4191398.00	390.53891	(14122007)
560062.00	4191398.00	409.18706	(17112408)	560082.00	4191398.00	390.28461	(17112408)
560102.00	4191398.00	333.17018	(17112408)	560122.00	4191398.00	302.40880	(13021507)
560142.00	4191398.00	330.59228	(15011607)	560162.00	4191398.00	381.11624	(15011607)
560182.00	4191398.00	392.73552	(15011607)	560202.00	4191398.00	361.55147	(15011607)
560222.00	4191398.00	297.25167	(15011607)	560242.00	4191398.00	235.35016	(15120807)
560262.00	4191398.00	284.77804	(16020608)	560282.00	4191398.00	310.07261	(15010517)
559982.00	4191418.00	386.44404	(13040307)	560002.00	4191418.00	386.30891	(13040307)
560022.00	4191418.00	354.89919	(14122007)	560042.00	4191418.00	381.11043	(14122007)
560062.00	4191418.00	397.76634	(17112408)	560082.00	4191418.00	373.48128	(17112408)
560102.00	4191418.00	318.72603	(14012908)	560122.00	4191418.00	291.69389	(13021507)
560142.00	4191418.00	325.09111	(15011607)	560162.00	4191418.00	371.91072	(15011607)
560182.00	4191418.00	381.47063	(15011607)	560202.00	4191418.00	350.62190	(15011607)
560222.00	4191418.00	288.69625	(15011607)	560242.00	4191418.00	227.61697	(15120807)
560262.00	4191418.00	275.15809	(16020608)	560002.00	4191438.00	369.84621	(13040307)
560022.00	4191438.00	353.03799	(14122007)	560042.00	4191438.00	375.82154	(17112408)
560062.00	4191438.00	385.87263	(17112408)	560082.00	4191438.00	356.96146	(17112408)
560102.00	4191438.00	305.45921	(14012908)	560122.00	4191438.00	281.14315	(13021507)
560142.00	4191438.00	319.63281	(15011607)	560162.00	4191438.00	363.00854	(15011607)
560182.00	4191438.00	370.70112	(15011607)	560202.00	4191438.00	340.21638	(15011607)
560222.00	4191438.00	280.53695	(15011607)	560242.00	4191438.00	222.48423	(14021108)
560262.00	4191438.00	265.87110	(16020608)	560042.00	4191458.00	368.89999	(17112408)
560062.00	4191458.00	373.57443	(17112408)	560082.00	4191458.00	340.79539	(17112408)
560102.00	4191458.00	292.62586	(14012908)	560122.00	4191458.00	274.07357	

(16122807)
        560142.00   4191458.00   314.22650 (15011607)   560162.00   4191458.00   354.39929
(15011607)
        560182.00   4191458.00   360.39819 (15011607)   560202.00   4191458.00   330.30069
(15011607)
        560222.00   4191458.00   272.74854 (15011607)   560242.00   4191458.00   217.83424
(14021108)
        560262.00   4191458.00   256.68674 (16020608)   560142.00   4191478.00   308.46997
(15011607)
        560162.00   4191478.00   345.75721 (15011607)   560182.00   4191478.00   350.21331
(15011607)
        560202.00   4191478.00   320.73543 (15011607)   560222.00   4191478.00   265.30782
(15011607)
        560242.00   4191478.00   213.33723 (14021108)   560155.00   4190663.00   2334.27171
(13040307)
        560175.00   4190663.00   2520.25411 (17112408)   560115.00   4190683.00   1290.24152
(16010407)
        560135.00   4190683.00   1466.83381 (13040307)   560155.00   4190683.00   2246.75366
(13040307)
        560175.00   4190683.00   2327.57723 (17112408)   560095.00   4190703.00   1180.90683
(16010407)
        560115.00   4190703.00   1179.00970 (14122308)   560135.00   4190703.00   1570.95815
(13040307)
        560155.00   4190703.00   2104.67002 (13040307)   560175.00   4190703.00   2129.10936
(17112408)
        560095.00   4190723.00   1067.28773 (16010407)   560115.00   4190723.00   1034.82100
(14122308)
        560135.00   4190723.00   1621.32642 (13040307)   560155.00   4190723.00   1928.82712
(13040307)
        560175.00   4190723.00   1933.48974 (17112408)   560195.00   4190723.00   1858.64056
(15011607)
        560095.00   4190743.00   980.14294 (14122308)   560115.00   4190743.00   1024.05543
(13040307)
        560135.00   4190743.00   1622.39892 (13040307)   560155.00   4190743.00   1736.88023
(13040307)
        560175.00   4190743.00   1746.45799 (17112408)   560195.00   4190743.00   1724.04236
(15011607)
        560075.00   4190763.00   901.85962 (16010407)   560095.00   4190763.00   887.94320
(14122308)
        560115.00   4190763.00   1117.66431 (13040307)   560135.00   4190763.00   1582.21246
(13040307)
        560155.00   4190763.00   1604.53818 (17112408)   560175.00   4190763.00   1571.46621
(17112408)
        560195.00   4190763.00   1603.66736 (15011607)   560215.00   4190763.00   1432.18832
(15011607)
        560075.00   4190783.00   827.55118 (14122308)   560095.00   4190783.00   777.37739
(14122308)
        560115.00   4190783.00   1180.41395 (13040307)   560135.00   4190783.00   1510.33736
(13040307)
        560155.00   4190783.00   1529.81738 (17112408)   560175.00   4190783.00   1410.28012
(17112408)
        560195.00   4190783.00   1495.64923 (15011607)   560215.00   4190783.00   1325.36830
(15011607)
        560235.00   4190783.00   1406.83395 (15010517)   560075.00   4190803.00   768.26638
(14122308)
        560095.00   4190803.00   757.07473 (13040307)   560115.00   4190803.00   1212.32882
(13040307)
        560135.00   4190803.00   1416.33244 (13040307)   560155.00   4190803.00   1446.03183
(17112408)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: BOATL
***

INCLUDING SOURCE(S): L0000445 , L0000446 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
560175.00	4190803.00	1263.49060	(17112408)	560195.00	4190803.00	1398.40042	(15011607)
560215.00	4190803.00	1231.44490	(15011607)	560235.00	4190803.00	1271.31370	(15010517)
560255.00	4190803.00	1433.16720	(15010517)	560275.00	4190803.00	1354.99441	(15112108)
560075.00	4190823.00	691.06694	(14122308)	560095.00	4190823.00	835.25644	(13040307)
560115.00	4190823.00	1215.85639	(13040307)	560135.00	4190823.00	1303.16596	(13040307)
560155.00	4190823.00	1345.25073	(17112408)	560175.00	4190823.00	1128.14394	(17112408)
560195.00	4190823.00	1310.56757	(15011607)	560215.00	4190823.00	1147.97116	(15011607)
560235.00	4190823.00	1149.49858	(15010517)	560255.00	4190823.00	1354.16528	(15010517)
560275.00	4190823.00	1194.60228	(15112108)	560295.00	4190823.00	1334.38769	(15112108)
560315.00	4190823.00	1239.43872	(14112517)	560115.00	4190843.00	1194.98251	(13040307)
560135.00	4190843.00	1187.90550	(13040307)	560155.00	4190843.00	1250.97844	(17112408)
560175.00	4190843.00	1006.98907	(14012908)	560195.00	4190843.00	1228.71595	(15011607)
560215.00	4190843.00	1073.40514	(15011607)	560235.00	4190843.00	1040.22614	(15010517)
560255.00	4190843.00	1275.08336	(15010517)	560275.00	4190843.00	1048.16263	(15010517)
560295.00	4190843.00	1264.70367	(15112108)	560315.00	4190843.00	1201.69928	(14112517)
560335.00	4190843.00	1015.46821	(16112517)	560195.00	4190863.00	1149.66400	(15011607)
560215.00	4190863.00	1006.48225	(15011607)	560235.00	4190863.00	942.31972	(15010517)
560255.00	4190863.00	1196.62985	(15010517)	560275.00	4190863.00	1040.73988	(15010517)
560295.00	4190863.00	1178.16592	(15112108)	560315.00	4190863.00	1144.23508	(14112517)
560335.00	4190863.00	985.92288	(14112517)	560075.00	4190883.00	643.21074	(13040307)
560095.00	4190883.00	957.30581	(13040307)	560115.00	4190883.00	1099.05861	(13040307)
560255.00	4190883.00	1120.05797	(15010517)	560275.00	4190883.00	1024.92016	(15010517)
560295.00	4190883.00	1081.83054	(15112108)	560315.00	4190883.00	1071.15733	(14112517)
560335.00	4190883.00	994.99745	(14112517)				

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: DREDG ***

INCLUDING SOURCE(S): L0000587 , L0000588 , L0000589 , L0000590 ,

```
L0000591    ,
                L0000592    , L0000593    , L0000594    , L0000595    , L0000596    , L0000597    , L0000598    ,
L0000599    ,
                L0000600    , L0000601    , L0000602    , L0000603    , L0000604    , L0000605    , L0000606    ,
L0000607    ,
                L0000608    , L0000609    , L0000610    , L0000611    , L0000612    , L0000613    , L0000614    ,
. . .       ,

                                  *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3                         **

  Y-COORD  |                                              X-COORD (METERS)
  (METERS) |       559917.30              559937.30              559957.30              559977.30
559997.30
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

 4191625.2 |     30.29440 (14112517)     30.51850 (14112517)     30.76413 (14112517)     31.02544 (14112517)
31.25359 (14112517)
 4191605.2 |     30.77178 (14112517)     31.00720 (14112517)     31.26596 (14112517)     31.54072 (14112517)
31.80695 (14112517)
 4191585.2 |     31.26767 (14112517)     31.51536 (14112517)     31.78837 (14112517)     32.07750 (14112517)
32.33858 (14112517)
 4191565.2 |     31.78325 (14112517)     32.04432 (14112517)     32.33283 (14112517)     32.60538 (14112517)
32.71382 (14112517)
 4191545.2 |     32.31986 (14112517)     32.54646 (14112517)     32.83272 (14112517)     33.11324 (14112517)
33.14357 (14112517)
 4191525.2 |     32.86277 (14112517)     33.02002 (14112517)     33.29509 (14112517)     33.60447 (14112517)
33.71390 (14112517)
 4191505.2 |     33.44508 (14112517)     33.61260 (14112517)     33.90487 (14112517)     34.25617 (14112517)
34.51167 (14112517)
 4191485.2 |     34.05311 (14112517)     34.23202 (14112517)     34.54303 (14112517)     34.91307 (14112517)
35.22705 (14112517)
 4191465.2 |     34.68877 (14112517)     34.88033 (14112517)     35.21177 (14112517)     35.60129 (14112517)
35.91911 (14112517)
 4191445.2 |     35.37424 (14112517)     35.70501 (14112517)     36.09586 (14112517)     36.50984 (14112517)
36.83199 (14112517)
 4191425.2 |     36.07286 (14112517)     36.47137 (14112517)     36.95630 (14112517)     37.43334 (14112517)
37.75510 (14112517)
 4191405.2 |     36.80620 (14112517)     37.23315 (14112517)     37.81143 (14112517)     38.35477 (14112517)
38.66974 (14112517)
 4191385.2 |     37.70139 (14112517)     38.05936 (14112517)     38.65366 (14112517)     39.22281 (14112517)
40.20431 (15012009)
 4191365.2 |     38.57386 (14112517)     38.93200 (14112517)     39.54352 (14112517)     40.73307 (15012009)
42.33038 (15012009)
 4191345.2 |     39.44253 (14112517)     39.83059 (14112517)     41.22351 (15012009)     42.91965 (15012009)
44.57079 (15012009)
 4191325.2 |     40.36101 (14112517)     41.74710 (15012009)     43.46792 (15012009)     45.22734 (15012009)
46.91887 (15012009)
 4191305.2 |     42.43939 (15012009)     44.10411 (15012009)     45.84004 (15012009)     47.60689 (15012009)
49.35412 (15012009)
 4191285.2 |     44.83949 (15012009)     46.62640 (15012009)     48.35097 (15012009)     50.03529 (15012009)
51.88115 (15012009)
 4191265.2 |     47.37302 (15012009)     49.21035 (15012009)     51.01347 (15012009)     52.76101 (15012009)
54.53311 (15012009)
 4191245.2 |     50.04540 (15012009)     51.91834 (15012009)     53.75617 (15012009)     55.54603 (15012009)
57.27901 (15012009)
 4191225.2 |     52.85096 (15012009)     54.74579 (15012009)     56.59154 (15012009)     58.37899 (15012009)
60.10299 (15012009)
 4191205.2 |     55.78562 (15012009)     57.69083 (15012009)     59.53622 (15012009)     61.29416 (15012009)
62.86683 (15012009)
 4191185.2 |     58.84833 (15012009)     60.75561 (15012009)     62.54693 (15012009)     64.22744 (15012009)
65.77817 (15012009)
 4191165.2 |     62.04255 (15012009)     63.94766 (15012009)     65.66595 (15012009)     67.18949 (15012009)
68.87854 (15012009)
 4191145.2 |     65.37776 (15012009)     67.28134 (15012009)     69.08691 (15012009)     70.75217 (15012009)
72.23260 (15012009)
 4191125.2 |     68.87098 (15012009)     70.77922 (15012009)     72.62561 (15012009)     74.38344 (15012009)
```

75.79054 (15012009)
 4191105.2 | 72.54865 (15012009)   74.47361 (15012009)   76.34692 (15012009)   78.13646 (15012009)
79.52505 (15012009)
 4191085.2 | 76.16935 (15012009)   78.36603 (15012009)   80.33017 (15012009)   82.16618 (15012009)
83.50530 (15012009)
 4191065.2 | 80.35960 (15012009)   82.59176 (15012009)   84.63498 (15012009)   86.51324 (15012009)
87.69591 (15012009)
 4191045.2 | 85.13088 (15012009)   87.24240 (15012009)   89.32301 (15012009)   91.17333 (15012009)
91.93408 (15012009)
 4191025.2 | 90.06428 (15012009)   92.29492 (15012009)   94.42409 (15012009)   96.00816 (15012009)
95.83289 (15012009)
 4191005.2 | 95.52163 (15012009)   97.86401 (15012009)   99.83656 (15012009)   100.60260 (15012009)
102.77128 (13011717)
 4190985.2 | 101.60314 (15012009)   103.89597 (15012009)   105.18079 (13011717)   111.21853 (13011717)
116.00906 (13011717)
 4190965.2 | 108.31122 (15012009)   113.86746 (13011717)   120.68573 (13011717)   126.07256 (13011717)
128.14594 (13011717)
 4190945.2 | 124.32259 (13011717)   131.75552 (13011717)   136.71809 (13011717)   137.78121 (13011717)
134.19313 (13011717)
 4190925.2 | 144.61423 (13011717)   147.90810 (13011717)   146.11109 (13011717)   140.19125 (13011717)
140.67304 (13121117)
 4190905.2 | 138.42277 (13011717)   146.18878 (13121117)   155.63115 (13121117)   153.66566 (13121117)
149.70418 (13121117)
 4190885.2 | 147.39444 (13121117)   152.50555 (13121117)   148.77876 (13121117)   155.37072 (13121117)
152.15181 (13121117)
 4190865.2 | 147.21841 (13121117)   147.72341 (13121117)   146.41868 (13121117)   158.96227 (13121117)
155.84420 (13121117)
 4190845.2 | 154.20876 (13121117)   155.11869 (13121117)   154.97065 (13121117)   161.40872 (14121317)
157.98146 (13012308)
 *** AERMOD - VERSION 24142 ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION 18081 ***   ***   ***
  09:59:03

PAGE 1091
 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: DREDG
***
                               INCLUDING SOURCE(S):   L0000587   , L0000588   , L0000589   , L0000590   ,
L0000591   ,
                L0000592   , L0000593   , L0000594   , L0000595   , L0000596   , L0000597   , L0000598   ,
L0000599   ,
                L0000600   , L0000601   , L0000602   , L0000603   , L0000604   , L0000605   , L0000606   ,
L0000607   ,
                L0000608   , L0000609   , L0000610   , L0000611   , L0000612   , L0000613   , L0000614   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 559917.30   559937.30   559957.30   559977.30
559997.30
 -
- - - - - - - -

 4190825.2 | 163.60763 (13121117)   159.24729 (13012308)   154.76421 (13012308)   153.49047 (13012308)
157.82705 (14121317)
 4190805.2 | 154.29256 (13012308)   158.21979 (14121317)   151.13425 (14121317)   148.62328 (14121317)
155.53681 (14121317)
 4190785.2 | 138.65155 (14121317)   149.48267 (14121317)   143.67463 (14121317)   140.14897 (14121317)
157.25392 (14121317)
 4190765.2 | 130.17078 (14121317)   133.28863 (14121317)   144.43374 (14121317)   145.90287 (14121317)
151.41391 (14121317)
 4190745.2 | 134.48382 (14121317)   142.78403 (14121317)   157.86837 (14121317)   155.46965 (14121317)
156.61714 (14121317)
 4190725.2 | 145.98649 (14121317)   158.84322 (14121317)   154.70035 (14121317)   158.82171 (14121317)

150.76528 (13012308)
 4190705.2 | 157.59056 (14121317)   151.52952 (14121317)   159.36375 (14121317)   151.72099 (14121317)
147.28842 (14121317)
 4190685.2 | 157.27331 (14121317)   152.95889 (14121317)   151.16943 (14121317)   148.39578 (14121317)
146.63040 (14121317)
 4190665.2 | 152.81038 (14121317)   149.66458 (14121317)   146.58875 (14121317)   156.17131 (14121317)
156.13240 (13010717)
 4190645.2 | 147.84164 (14121317)   145.76717 (13010717)   156.67873 (13010717)   153.64371 (13010717)
158.59803 (13010717)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: DREDG
***
                               INCLUDING SOURCE(S):   L0000587   , L0000588   , L0000589   , L0000590   ,
L0000591   ,
               L0000592   , L0000593   , L0000594   , L0000595   , L0000596   , L0000597   , L0000598   ,
L0000599   ,
               L0000600   , L0000601   , L0000602   , L0000603   , L0000604   , L0000605   , L0000606   ,
L0000607   ,
               L0000608   , L0000609   , L0000610   , L0000611   , L0000612   , L0000613   , L0000614   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560017.30   560037.30   560057.30   560077.30
560097.30
 -
- - - - - - - -

 4191625.2 | 31.44676 (14112517)   31.52415 (14112517)   31.41526 (13121417)   31.61938 (13121417)
31.83858 (13121417)
 4191605.2 | 32.01573 (14112517)   32.07613 (14112517)   32.00486 (13121417)   32.18614 (13121417)
32.37463 (13121417)
 4191585.2 | 32.54536 (14112517)   32.61285 (14112517)   32.62818 (13121417)   32.79311 (13121417)
32.93096 (13121417)
 4191565.2 | 32.91363 (14112517)   33.04254 (14112517)   33.18811 (13121417)   33.37259 (13121417)
33.48856 (13121308)
 4191545.2 | 33.38845 (14112517)   33.52344 (14112517)   33.71847 (13121417)   33.93880 (13121308)
34.10958 (13121308)
 4191525.2 | 33.98008 (14112517)   34.05580 (14112517)   34.27705 (13121308)   34.53501 (13121308)
34.77356 (13121308)
 4191505.2 | 34.67799 (14112517)   34.67113 (13121308)   34.94286 (13121308)   35.20789 (13121308)
35.82777 (15012009)
 4191485.2 | 35.37302 (14112517)   35.37563 (13121308)   35.74764 (13121308)   36.33803 (15012009)
37.70463 (15012009)
 4191465.2 | 36.06549 (14112517)   36.13368 (13121308)   36.83834 (15012009)   38.27434 (15012009)
39.69695 (15012009)
 4191445.2 | 36.98417 (14112517)   37.25330 (15012009)   38.72281 (15012009)   40.18616 (15012009)
41.64820 (15012009)
 4191425.2 | 37.84528 (14112517)   39.20460 (15012009)   40.69294 (15012009)   42.18972 (15012009)
43.67991 (15012009)
 4191405.2 | 39.69522 (15012009)   41.21840 (15012009)   42.75135 (15012009)   44.27839 (15012009)
45.78555 (15012009)
 4191385.2 | 41.76377 (15012009)   43.33443 (15012009)   44.89989 (15012009)   46.44562 (15012009)
47.95927 (15012009)
 4191365.2 | 43.94038 (15012009)   45.54598 (15012009)   47.13198 (15012009)   48.68555 (15012009)
50.19646 (15012009)
 4191345.2 | 46.21836 (15012009)   47.84648 (15012009)   49.44179 (15012009)   50.99372 (15012009)
52.49440 (15012009)
 4191325.2 | 48.59113 (15012009)   50.23017 (15012009)   51.82503 (15012009)   53.36774 (15012009)

54.85273 (15012009)
 4191305.2 | 51.05306 (15012009)   52.69295 (15012009)   54.27968 (15012009)   55.80792 (15012009)
57.27378 (15012009)
 4191285.2 | 53.60031 (15012009)   55.23324 (15012009)   56.80670 (15012009)   58.31766 (15012009)
59.76238 (15012009)
 4191265.2 | 56.23179 (15012009)   57.85272 (15012009)   59.41065 (15012009)   60.90361 (15012009)
62.32478 (15012009)
 4191245.2 | 58.95001 (15012009)   60.55714 (15012009)   62.09997 (15012009)   63.57498 (15012009)
64.96612 (15012009)
 4191225.2 | 61.76197 (15012009)   63.35678 (15012009)   64.88680 (15012009)   66.34135 (15012009)
67.68491 (15012009)
 4191205.2 | 64.47386 (15012009)   66.08618 (15012009)   67.75814 (15012009)   69.20783 (15012009)
70.46329 (15012009)
 4191185.2 | 67.36506 (15012009)   68.97648 (15012009)   70.63511 (15012009)   72.09884 (15012009)
73.25223 (15012009)
 4191165.2 | 70.50906 (15012009)   72.06982 (15012009)   73.50934 (15012009)   74.96865 (15012009)
75.95246 (15012009)
 4191145.2 | 73.81892 (15012009)   75.36021 (15012009)   76.69170 (15012009)   77.90485 (15012009)
78.39911 (15012009)
 4191125.2 | 77.31581 (15012009)   78.78497 (15012009)   79.87263 (15012009)   80.61875 (15012009)
80.36369 (15012009)
 4191105.2 | 80.99916 (15012009)   82.26807 (15012009)   82.87239 (15012009)   82.85156 (15012009)
81.59476 (15012009)
 4191085.2 | 84.81017 (15012009)   85.62805 (15012009)   85.40090 (15012009)   84.29910 (15012009)
86.28670 (14012907)
 4191065.2 | 88.57241 (15012009)   88.54098 (15012009)   87.66978 (14012907)   89.96641 (14012907)
92.94340 (13011717)
 4191045.2 | 91.92933 (15012009)   91.91480 (14012907)   94.26376 (13011717)   98.45342 (13011717)
101.92749 (13011717)
 4191025.2 | 96.62926 (14012907)   100.52594 (13011717)   104.57899 (13011717)   107.54616 (13011717)
109.12949 (13011717)
 4191005.2 | 107.65607 (13011717)   111.66906 (13011717)   113.67688 (13011717)   114.15653 (13011717)
112.99863 (13011717)
 4190985.2 | 119.47121 (13011717)   120.70523 (13011717)   118.66292 (13011717)   116.04383 (13011717)
112.74833 (13011717)
 4190965.2 | 127.62799 (13011717)   124.55943 (13011717)   118.81404 (13011717)   116.74300 (13121117)
120.00920 (13121117)
 4190945.2 | 128.30971 (13011717)   127.53790 (13121117)   128.95825 (13121117)   129.38907 (13121117)
129.18065 (13121117)
 4190925.2 | 140.08624 (13121117)   138.30471 (13121117)   136.85963 (13121117)   135.07279 (13121117)
132.97550 (13121117)
 4190905.2 | 145.66013 (13121117)   142.21590 (13121117)   139.73631 (13121117)   136.90796 (13121117)
133.63044 (13121117)
 4190885.2 | 148.37772 (13121117)   144.00288 (13121117)   140.24174 (13121117)   135.88966 (13121117)
132.26643 (13012308)
 4190865.2 | 150.04597 (13121117)   143.23457 (13012308)   140.77421 (13012308)   137.86348 (13012308)
134.81628 (13012308)
 4190845.2 | 152.59919 (13012308)   145.98940 (13012308)   141.68695 (13012308)   137.78758 (13012308)
134.48798 (13012308)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: DREDG
***
                                INCLUDING SOURCE(S):   L0000587   , L0000588   , L0000589   , L0000590   ,
L0000591   ,
                L0000592   , L0000593   , L0000594   , L0000595   , L0000596   , L0000597   , L0000598   ,
L0000599   ,
                L0000600   , L0000601   , L0000602   , L0000603   , L0000604   , L0000605   , L0000606   ,
L0000607   ,
                L0000608   , L0000609   , L0000610   , L0000611   , L0000612   , L0000613   , L0000614   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10   IN MICROGRAMS/M**3   **

Y-COORD | X-COORD (METERS)
(METERS) | 560017.30   560037.30   560057.30   560077.30
560097.30
- -

4190825.2 | 150.55997 (14121317)   144.34373 (14121317)   139.99486 (14121317)   136.59876 (13012308)
134.46834 (13012308)
4190805.2 | 150.25226 (14121317)   146.27193 (14121317)   141.97160 (14121317)   138.75963 (14121317)
137.15475 (13012308)
4190785.2 | 154.06250 (14121317)   150.61207 (14121317)   145.55278 (14121317)   142.91827 (13012308)
141.01341 (13012308)
4190765.2 | 160.21132 (14121317)   155.39181 (14121317)   150.12436 (13012308)   146.07927 (13012308)
142.78012 (13012308)
4190745.2 | 164.17441 (14121317)   157.56066 (13012308)   150.55895 (13012308)   145.78223 (13012308)
142.54078 (13012308)
4190725.2 | 163.04007 (14121317)   157.04339 (14121317)   151.14722 (14121317)   147.44529 (13010717)
144.64828 (13010717)
4190705.2 | 149.04646 (14121317)   158.80913 (14121317)   155.23739 (13010717)   151.55938 (13010717)
146.89425 (13010717)
4190685.2 | 155.54394 (13010717)   163.25338 (13010717)   158.95856 (13010717)   151.91004 (13010717)
143.24020 (13010717)
4190665.2 | 168.97020 (13010717)   160.79181 (13010717)   151.57905 (13010717)   141.15898 (13010717)
130.64985 (13010717)
4190645.2 | 155.27759 (13010717)   143.74158 (13010717)   133.20475 (13010717)   122.96620 (13010717)
113.41597 (13010717)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: DREDG
***

INCLUDING SOURCE(S):   L0000587   , L0000588   , L0000589   , L0000590   ,
L0000591   ,
L0000592   , L0000593   , L0000594   , L0000595   , L0000596   , L0000597   , L0000598   ,
L0000599   ,
L0000600   , L0000601   , L0000602   , L0000603   , L0000604   , L0000605   , L0000606   ,
L0000607   ,
L0000608   , L0000609   , L0000610   , L0000611   , L0000612   , L0000613   , L0000614   ,
. . .   ,

*** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10   IN MICROGRAMS/M**3   **

Y-COORD | X-COORD (METERS)
(METERS) | 560117.30   560137.30   560157.30   560177.30
560197.30
- -

4191625.2 | 32.04021 (13121417)   32.19613 (13121417)   32.30245 (13121308)   32.35105 (13121308)
32.69785 (15020708)
4191605.2 | 32.57422 (13121417)   32.71823 (13121308)   32.83196 (13121308)   32.98487 (15020708)
34.04772 (15012009)
4191585.2 | 33.12495 (13121417)   33.28330 (13121308)   33.37007 (13121308)   34.38304 (15012009)
35.61356 (15012009)
4191565.2 | 33.60353 (13121308)   33.73227 (13121308)   34.61520 (15012009)   35.86502 (15012009)
37.18336 (15012009)
4191545.2 | 34.23352 (13121308)   34.94827 (15012009)   36.18243 (15012009)   37.46884 (15012009)
38.86170 (15012009)
4191525.2 | 35.44992 (15012009)   36.68647 (15012009)   37.90347 (15012009)   39.22028 (15012009)

40.63819 (15012009)
 4191505.2 | 37.16087 (15012009)   38.54598 (15012009)   39.93570 (15012009)   41.28355 (15012009)
42.69368 (15012009)
 4191485.2 | 39.09023 (15012009)   40.50951 (15012009)   41.94610 (15012009)   43.31103 (15012009)
44.68184 (15012009)
 4191465.2 | 41.12559 (15012009)   42.54641 (15012009)   43.94696 (15012009)   45.31639 (15012009)
46.64509 (15012009)
 4191445.2 | 43.10302 (15012009)   44.53771 (15012009)   45.94114 (15012009)   47.30373 (15012009)
48.61665 (15012009)
 4191425.2 | 45.15010 (15012009)   46.58881 (15012009)   47.98643 (15012009)   49.33450 (15012009)
50.62416 (15012009)
 4191405.2 | 47.26096 (15012009)   48.69488 (15012009)   50.07913 (15012009)   51.40574 (15012009)
52.66426 (15012009)
 4191385.2 | 49.43089 (15012009)   50.85253 (15012009)   52.21698 (15012009)   53.51525 (15012009)
54.73276 (15012009)
 4191365.2 | 51.65684 (15012009)   53.06016 (15012009)   54.39889 (15012009)   55.66055 (15012009)
56.82257 (15012009)
 4191345.2 | 53.93782 (15012009)   55.31784 (15012009)   56.62419 (15012009)   57.83694 (15012009)
58.92051 (15012009)
 4191325.2 | 56.27505 (15012009)   57.62670 (15012009)   58.89075 (15012009)   60.03414 (15012009)
61.00277 (15012009)
 4191305.2 | 58.67150 (15012009)   59.98734 (15012009)   61.19159 (15012009)   62.23134 (15012009)
63.02947 (15012009)
 4191285.2 | 61.13056 (15012009)   62.39651 (15012009)   63.50964 (15012009)   64.39071 (15012009)
64.93957 (15012009)
 4191265.2 | 63.65307 (15012009)   64.84154 (15012009)   65.81018 (15012009)   66.45074 (15012009)
66.64822 (15012009)
 4191245.2 | 66.23155 (15012009)   67.29206 (15012009)   68.03222 (15012009)   68.32145 (15012009)
68.05056 (15012009)
 4191225.2 | 68.84122 (15012009)   69.68907 (15012009)   70.08136 (15012009)   69.88650 (15012009)
69.03456 (15012009)
 4191205.2 | 71.42696 (15012009)   71.93476 (15012009)   71.82908 (15012009)   71.01652 (15012009)
69.50502 (15012009)
 4191185.2 | 73.88907 (15012009)   73.88809 (15012009)   73.12589 (15012009)   71.59668 (15012009)
70.97754 (14012907)
 4191165.2 | 76.07420 (15012009)   75.37635 (15012009)   73.83262 (15012009)   73.57836 (14012907)
74.86181 (14012907)
 4191145.2 | 77.78324 (15012009)   76.23036 (15012009)   76.38093 (14012907)   77.62405 (14012907)
78.12118 (14012907)
 4191125.2 | 78.81006 (15012009)   79.41144 (14012907)   80.59459 (14012907)   81.82206 (13011717)
84.48527 (13011717)
 4191105.2 | 82.70102 (14012907)   83.79817 (14012907)   86.17426 (13011717)   88.83545 (13011717)
90.83442 (13011717)
 4191085.2 | 87.74064 (13011717)   90.95076 (13011717)   93.52977 (13011717)   95.24658 (13011717)
95.97754 (13011717)
 4191065.2 | 96.19188 (13011717)   98.56737 (13011717)   99.84282 (13011717)   99.95143 (13011717)
98.98230 (13011717)
 4191045.2 | 103.92088 (13011717)   104.54641 (13011717)   103.84079 (13011717)   102.01689 (13011717)
99.38126 (13011717)
 4191025.2 | 109.17798 (13011717)   107.50887 (13011717)   104.71419 (13011717)   101.26123 (13011717)
97.51978 (13011717)
 4191005.2 | 110.66579 (13011717)   106.96708 (13011717)   102.73645 (13011717)   105.21085 (13121117)
107.66324 (13121117)
 4190985.2 | 109.44344 (13121117)   112.84311 (13121117)   114.91107 (13121117)   115.97043 (13121117)
116.21361 (13121117)
 4190965.2 | 122.25712 (13121117)   123.08847 (13121117)   122.95060 (13121117)   121.94624 (13121117)
120.30533 (13121117)
 4190945.2 | 128.68604 (13121117)   127.56060 (13121117)   125.81943 (13121117)   123.45231 (13121117)
120.69030 (13121117)
 4190925.2 | 130.52709 (13121117)   127.73312 (13121117)   124.67326 (13121117)   121.47860 (13121117)
118.29194 (13121117)
 4190905.2 | 129.98932 (13121117)   126.17710 (13121117)   123.33858 (13012308)   121.87815 (13012308)
120.34151 (13012308)
 4190885.2 | 130.30851 (13012308)   128.45530 (13012308)   126.41041 (13012308)   124.10588 (13012308)
122.33263 (13012308)
 4190865.2 | 131.89171 (13012308)   129.79265 (13012308)   127.89632 (13012308)   125.22403 (13012308)
123.81170 (13012308)
 4190845.2 | 131.80893 (13012308)   129.79308 (13012308)   128.25123 (13012308)   126.99304 (13012308)
125.68094 (13012308)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: DREDG ***

INCLUDING SOURCE(S): L0000587 , L0000588 , L0000589 , L0000590 , L0000591 ,
L0000592 , L0000593 , L0000594 , L0000595 , L0000596 , L0000597 , L0000598 , L0000599 ,
L0000600 , L0000601 , L0000602 , L0000603 , L0000604 , L0000605 , L0000606 , L0000607 ,
L0000608 , L0000609 , L0000610 , L0000611 , L0000612 , L0000613 , L0000614 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	560117.30	560137.30	560157.30	560177.30	560197.30
4190825.2	132.79993 (13012308)	131.61850 (13012308)	130.53491 (13012308)	129.41028 (13012308)	127.84225 (13012308)
4190805.2	135.78026 (13012308)	134.87627 (13012308)	133.57033 (13012308)	131.51591 (13012308)	129.37806 (13012308)
4190785.2	138.71553 (13012308)	137.00213 (13012308)	135.05588 (13012308)	132.47824 (13012308)	129.85263 (13012308)
4190765.2	139.66759 (13012308)	137.55165 (13012308)	135.29890 (13012308)	133.27892 (13010717)	131.28330 (13010717)
4190745.2	140.04036 (13010717)	138.86388 (13010717)	137.35979 (13010717)	134.85611 (13010717)	131.96104 (13010717)
4190725.2	142.45016 (13010717)	140.58668 (13010717)	137.85392 (13010717)	133.80639 (13010717)	129.28130 (13010717)
4190705.2	142.74664 (13010717)	138.62802 (13010717)	133.66440 (13010717)	127.69165 (13010717)	121.78746 (13010717)
4190685.2	136.23847 (13010717)	129.81329 (13010717)	123.20204 (13010717)	116.25182 (13010717)	109.97658 (13010717)
4190665.2	122.48262 (13010717)	115.43639 (13010717)	108.71694 (13010717)	102.07746 (13010717)	96.19605 (13010717)
4190645.2	106.01339 (13010717)	99.68983 (13010717)	93.77263 (13010717)	88.02393 (13010717)	82.91343 (13010717)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: DREDG ***

INCLUDING SOURCE(S): L0000587 , L0000588 , L0000589 , L0000590 , L0000591 ,
L0000592 , L0000593 , L0000594 , L0000595 , L0000596 , L0000597 , L0000598 , L0000599 ,
L0000600 , L0000601 , L0000602 , L0000603 , L0000604 , L0000605 , L0000606 , L0000607 ,
L0000608 , L0000609 , L0000610 , L0000611 , L0000612 , L0000613 , L0000614 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 560217.30	560237.30	560257.30	560277.30	560297.30
4191625.2	33.72170 (15012009)	34.90557 (15012009)	36.09898 (15012009)	37.29075 (15012009)	38.47008 (15012009)
4191605.2	35.25457 (15012009)	36.47208 (15012009)	37.68877 (15012009)	38.89361 (15012009)	40.07598 (15012009)
4191585.2	36.85594 (15012009)	38.09832 (15012009)	39.32940 (15012009)	40.53848 (15012009)	41.71507 (15012009)
4191565.2	38.52003 (15012009)	39.77816 (15012009)	41.01466 (15012009)	42.21914 (15012009)	43.38097 (15012009)
4191545.2	40.24062 (15012009)	41.50535 (15012009)	42.73840 (15012009)	43.92945 (15012009)	45.06707 (15012009)
4191525.2	42.03073 (15012009)	43.29391 (15012009)	44.51560 (15012009)	45.66318 (15012009)	46.76606 (15012009)
4191505.2	44.06443 (15012009)	45.32558 (15012009)	46.49093 (15012009)	47.54460 (15012009)	48.49360 (15012009)
4191485.2	46.00897 (15012009)	47.25421 (15012009)	48.37488 (15012009)	49.37560 (15012009)	50.21712 (15012009)
4191465.2	47.92377 (15012009)	49.14172 (15012009)	50.23187 (15012009)	51.15029 (15012009)	51.89457 (15012009)
4191445.2	49.87012 (15012009)	51.05086 (15012009)	52.12605 (15012009)	53.03000 (15012009)	53.55665 (15012009)
4191425.2	51.84352 (15012009)	52.97425 (15012009)	53.98839 (15012009)	54.81688 (15012009)	55.23271 (15012009)
4191405.2	53.83812 (15012009)	54.90072 (15012009)	55.81298 (15012009)	56.50843 (15012009)	56.81994 (15012009)
4191385.2	55.84469 (15012009)	56.81251 (15012009)	57.58372 (15012009)	58.09654 (15012009)	58.25409 (15012009)
4191365.2	57.84754 (15012009)	58.68175 (15012009)	59.25911 (15012009)	59.51117 (15012009)	59.38049 (15012009)
4191345.2	59.82056 (15012009)	60.46688 (15012009)	60.78362 (15012009)	60.70457 (15012009)	60.18818 (15012009)
4191325.2	61.72267 (15012009)	62.11009 (15012009)	62.08874 (15012009)	61.60819 (15012009)	60.65574 (15012009)
4191305.2	63.49410 (15012009)	63.53747 (15012009)	63.09823 (15012009)	62.15757 (15012009)	60.74177 (15012009)
4191285.2	65.05549 (15012009)	64.66411 (15012009)	63.73845 (15012009)	62.30458 (15012009)	60.55076 (16120517)
4191265.2	66.31244 (15012009)	65.40565 (15012009)	63.95288 (15012009)	62.19272 (14012907)	63.51123 (14012907)
4191245.2	67.16782 (15012009)	65.69542 (15012009)	64.17894 (14012907)	65.50473 (14012907)	66.41724 (14012907)
4191225.2	67.54233 (15012009)	66.29542 (14012907)	67.62312 (14012907)	68.48870 (14012907)	68.84858 (14012907)
4191205.2	68.55620 (14012907)	69.87890 (14012907)	70.68335 (14012907)	70.92917 (14012907)	72.35371 (13011717)
4191185.2	72.28636 (14012907)	73.01209 (14012907)	73.32624 (13011717)	75.57002 (13011717)	77.50543 (13011717)
4191165.2	75.48695 (14012907)	76.75373 (13011717)	79.01788 (13011717)	80.87975 (13011717)	82.23222 (13011717)
4191145.2	80.46519 (13011717)	82.70883 (13011717)	84.43593 (13011717)	85.54343 (13011717)	85.98640 (13011717)
4191125.2	86.64885 (13011717)	88.15969 (13011717)	88.93004 (13011717)	88.94858 (13011717)	88.27390 (13011717)
4191105.2	92.02272 (13011717)	92.34522 (13011717)	91.84117 (13011717)	90.62491 (13011717)	88.85639 (13011717)
4191085.2	95.72414 (13011717)	94.59620 (13011717)	92.77514 (13011717)	90.47208 (13011717)	87.89256 (13011717)
4191065.2	97.13627 (13011717)	94.66772 (13011717)	91.83364 (13011717)	88.85830 (13011717)	87.13864 (13121117)
4191045.2	96.25667 (13011717)	92.93031 (13011717)	92.48170 (13121117)	95.28043 (13121117)	97.35309 (13121117)

 4191025.2 | 98.46761 (13121117)   101.14565 (13121117)   102.99997 (13121117)   104.12484 (13121117)
104.62099 (13121117)
 4191005.2 | 109.19268 (13121117)   109.93612 (13121117)   110.02387 (13121117)   109.57619 (13121117)
108.59375 (13121117)
 4190985.2 | 115.80043 (13121117)   114.82317 (13121117)   113.48533 (13121117)   111.81042 (13121117)
109.70618 (13121117)
 4190965.2 | 118.15829 (13121117)   115.71646 (13121117)   113.40619 (13121117)   111.02750 (13121117)
108.58304 (13121117)
 4190945.2 | 117.55571 (13121117)   114.47589 (13121117)   111.73523 (13121117)   109.55662 (13012308)
108.85946 (13012308)
 4190925.2 | 115.89612 (13012308)   114.86148 (13012308)   113.77078 (13012308)   112.66771 (13012308)
111.57908 (13012308)
 4190905.2 | 118.91608 (13012308)   117.88995 (13012308)   116.54362 (13012308)   115.20496 (13012308)
113.94332 (13012308)
 4190885.2 | 120.91588 (13012308)   119.67920 (13012308)   118.30006 (13012308)   116.93885 (13012308)
115.62949 (13012308)
 4190865.2 | 122.68068 (13012308)   121.21065 (13012308)   119.79654 (13012308)   118.39349 (13012308)
116.96675 (13012308)
 4190845.2 | 124.36088 (13012308)   122.84529 (13012308)   121.28256 (13012308)   119.65030 (13012308)
117.92350 (13012308)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: DREDG
***
                               INCLUDING SOURCE(S):   L0000587   , L0000588   , L0000589   , L0000590   ,
L0000591   ,
                L0000592   , L0000593   , L0000594   , L0000595   , L0000596   , L0000597   , L0000598   ,
L0000599   ,
                L0000600   , L0000601   , L0000602   , L0000603   , L0000604   , L0000605   , L0000606   ,
L0000607   ,
                L0000608   , L0000609   , L0000610   , L0000611   , L0000612   , L0000613   , L0000614   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560217.30   560237.30   560257.30   560277.30
560297.30
 -
- - - - - - - -

 4190825.2 | 126.09128 (13012308)   124.25454 (13012308)   122.31872 (13012308)   120.25454 (13012308)
118.02410 (13012308)
 4190805.2 | 127.16384 (13012308)   124.83892 (13012308)   122.34723 (13012308)   120.55737 (13010717)
118.96443 (13010717)
 4190785.2 | 127.42784 (13010717)   125.70857 (13010717)   124.06375 (13010717)   122.20797 (13010717)
119.84527 (13010717)
 4190765.2 | 129.09475 (13010717)   126.88750 (13010717)   124.36802 (13010717)   121.40868 (13010717)
118.00961 (13010717)
 4190745.2 | 128.74298 (13010717)   125.54139 (13010717)   121.57796 (13010717)   117.27134 (13010717)
112.81678 (13010717)
 4190725.2 | 124.50343 (13010717)   119.88340 (13010717)   114.75793 (13010717)   109.54338 (13010717)
104.41285 (13010717)
 4190705.2 | 115.93942 (13010717)   110.21199 (13010717)   104.51613 (13010717)   99.03149 (13010717)
93.81548 (13010717)
 4190685.2 | 103.93203 (13010717)   98.02747 (13010717)   92.50049 (13010717)   87.32891 (13010717)
82.48815 (13010717)
 4190665.2 | 90.66158 (13010717)   85.35722 (13010717)   80.43247 (13010717)   75.99612 (14091907)
74.08019 (14091907)
 4190645.2 | 78.61844 (14091907)   76.44650 (14091907)   74.40602 (14091907)   72.48313 (14091907)
70.66575 (14091907)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: DREDG ***

INCLUDING SOURCE(S): L0000587 , L0000588 , L0000589 , L0000590 , L0000591 ,
L0000592 , L0000593 , L0000594 , L0000595 , L0000596 , L0000597 , L0000598 , L0000599 ,
L0000600 , L0000601 , L0000602 , L0000603 , L0000604 , L0000605 , L0000606 , L0000607 ,
L0000608 , L0000609 , L0000610 , L0000611 , L0000612 , L0000613 , L0000614 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	560317.30	560337.30	560357.30	560377.30	560397.30
4191625.2	39.62641 (15012009)	40.79786 (15012009)	42.04422 (15012009)	43.10602 (15012009)	44.05827 (15012009)
4191605.2	41.22531 (15012009)	42.36583 (15012009)	43.54049 (15012009)	44.59456 (15012009)	45.52331 (15012009)
4191585.2	42.84824 (15012009)	43.92548 (15012009)	44.93148 (15012009)	46.01183 (15012009)	46.94789 (15012009)
4191565.2	44.48818 (15012009)	45.52604 (15012009)	46.47581 (15012009)	47.37845 (15012009)	48.13854 (15012009)
4191545.2	46.13723 (15012009)	47.12175 (15012009)	47.99717 (15012009)	48.73466 (15012009)	49.30133 (15012009)
4191525.2	47.78587 (15012009)	48.69947 (15012009)	49.47765 (15012009)	50.08619 (15012009)	50.48856 (15012009)
4191505.2	49.42180 (15012009)	50.24188 (15012009)	50.89404 (15012009)	51.33947 (15012009)	51.54033 (15012009)
4191485.2	51.02848 (15012009)	51.72604 (15012009)	52.21687 (15012009)	52.45986 (15012009)	52.41950 (15012009)
4191465.2	52.58341 (15012009)	53.12209 (15012009)	53.41006 (15012009)	53.40788 (15012009)	53.08718 (15012009)
4191445.2	54.05656 (15012009)	54.39261 (15012009)	54.43174 (15012009)	54.14156 (15012009)	53.50612 (15012009)
4191425.2	55.47543 (15012009)	55.49322 (15012009)	55.23654 (15012009)	54.62010 (15012009)	53.64481 (15012009)
4191405.2	56.79416 (15012009)	56.41070 (15012009)	55.81522 (15012009)	54.84358 (15012009)	53.48169 (15012009)
4191385.2	58.03712 (15012009)	57.41856 (15012009)	56.44526 (15012009)	55.02369 (15012009)	53.40975 (16120517)
4191365.2	58.83282 (15012009)	57.86345 (15012009)	56.49558 (15012009)	54.84659 (16120517)	55.14531 (16120517)
4191345.2	59.22633 (15012009)	57.84357 (15012009)	56.20083 (16120517)	56.58470 (14012907)	57.59525 (14012907)
4191325.2	59.25700 (15012009)	57.57741 (16120517)	58.17647 (14012907)	59.18040 (14012907)	59.87008 (14012907)
4191305.2	59.02530 (16120517)	59.85623 (14012907)	60.84830 (14012907)	61.49572 (14012907)	61.77419 (14012907)
4191285.2	61.63163 (14012907)	62.60548 (14012907)	63.20082 (14012907)	63.39636 (14012907)	63.33772 (13011717)
4191265.2	64.45911 (14012907)	64.99076 (14012907)	65.08910 (14012907)	65.83353 (13011717)	67.57011 (13011717)
4191245.2	66.87129 (14012907)	66.85583 (14012907)	68.48898 (13011717)	70.22057 (13011717)	71.67874 (13011717)

 4191225.2 | 69.35441 (13011717)   71.31408 (13011717)   73.01461 (13011717)   74.37926 (13011717)
75.35143 (13011717)
 4191205.2 | 74.31751 (13011717)   75.95213 (13011717)   77.17935 (13011717)   77.94951 (13011717)
78.24585 (13011717)
 4191185.2 | 79.02839 (13011717)   80.06399 (13011717)   80.57542 (13011717)   80.56619 (13011717)
80.07549 (13011717)
 4191165.2 | 83.01042 (13011717)   83.19862 (13011717)   82.82799 (13011717)   81.96668 (13011717)
80.70625 (13011717)
 4191145.2 | 85.78044 (13011717)   84.99229 (13011717)   83.72397 (13011717)   82.09386 (13011717)
80.21948 (13011717)
 4191125.2 | 87.01637 (13011717)   85.31458 (13011717)   83.31227 (13011717)   81.13975 (13011717)
78.90113 (13011717)
 4191105.2 | 86.71031 (13011717)   84.35069 (13011717)   81.91269 (13011717)   79.49314 (13011717)
80.84348 (13121117)
 4191085.2 | 85.21117 (13011717)   82.55734 (13011717)   85.19758 (13121117)   87.49623 (13121117)
89.26175 (13121117)
 4191065.2 | 89.98860 (13121117)   92.20225 (13121117)   93.81942 (13121117)   94.89434 (13121117)
95.48961 (13121117)
 4191045.2 | 98.76240 (13121117)   99.58345 (13121117)   99.89676 (13121117)   99.78326 (13121117)
99.32052 (13121117)
 4191025.2 | 104.58897 (13121117)   104.12534 (13121117)   103.31999 (13121117)   102.25385 (13121117)
100.97066 (13121117)
 4191005.2 | 107.36326 (13121117)   105.93874 (13121117)   104.35565 (13121117)   102.60410 (13121117)
100.80267 (13121117)
 4190985.2 | 107.66777 (13121117)   105.68450 (13121117)   103.69652 (13121117)   101.48661 (13121117)
99.29747 (13121117)
 4190965.2 | 106.33456 (13121117)   104.26842 (13012308)   103.81962 (13012308)   103.23386 (13012308)
102.53307 (13012308)
 4190945.2 | 108.09915 (13012308)   107.30268 (13012308)   106.48659 (13012308)   105.65838 (13012308)
104.81845 (13012308)
 4190925.2 | 110.51686 (13012308)   109.48152 (13012308)   108.46556 (13012308)   107.45633 (13012308)
106.56504 (13012308)
 4190905.2 | 112.73794 (13012308)   111.56474 (13012308)   110.39868 (13012308)   109.21472 (13012308)
107.98809 (13012308)
 4190885.2 | 114.33647 (13012308)   113.02815 (13012308)   111.67517 (13012308)   110.24961 (13012308)
108.72502 (13012308)
 4190865.2 | 115.48619 (13012308)   113.92281 (13012308)   112.24796 (13012308)   110.43457 (13012308)
108.45948 (13012308)
 4190845.2 | 116.07293 (13012308)   114.06785 (13012308)   111.88063 (13012308)   110.25645 (13010717)
108.98576 (13010717)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: DREDG
***
                               INCLUDING SOURCE(S):   L0000587   , L0000588   , L0000589   , L0000590   ,
L0000591   ,
               L0000592   , L0000593   , L0000594   , L0000595   , L0000596   , L0000597   , L0000598   ,
L0000599   ,
               L0000600   , L0000601   , L0000602   , L0000603   , L0000604   , L0000605   , L0000606   ,
L0000607   ,
               L0000608   , L0000609   , L0000610   , L0000611   , L0000612   , L0000613   , L0000614   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560317.30   560337.30   560357.30   560377.30
560397.30
 -
- - - - - - - -

 4190825.2 | 115.92574 (13010717)   114.68439 (13010717)   113.17386 (13010717)   111.49198 (13010717)
109.62765 (13010717)
 4190805.2 | 117.50021 (13010717)   115.73444 (13010717)   113.51956 (13010717)   111.09549 (13010717)
108.47553 (13010717)
 4190785.2 | 117.27988 (13010717)   114.50481 (13010717)   111.42956 (13010717)   108.17531 (13010717)
104.78123 (13010717)
 4190765.2 | 114.38207 (13010717)   110.58059 (13010717)   106.66068 (13010717)   102.67428 (13010717)
98.66731 (13010717)
 4190745.2 | 108.28970 (13010717)   103.75393 (13010717)   99.26075 (13010717)   94.84950 (13010717)
90.54912 (13010717)
 4190725.2 | 99.41583 (13010717)   94.58510 (13010717)   89.94064 (13010717)   85.49300 (13010717)
81.24607 (13010717)
 4190705.2 | 88.87082 (13010717)   84.19256 (13010717)   79.77129 (13010717)   75.59524 (13010717)
71.65160 (13010717)
 4190685.2 | 77.95363 (13010717)   73.70204 (13010717)   71.41927 (14091907)   69.84703 (14091907)
68.33746 (14091907)
 4190665.2 | 72.26306 (14091907)   70.53642 (14091907)   68.89271 (14091907)   67.32499 (14091907)
65.82701 (14091907)
 4190645.2 | 68.94332 (14091907)   67.30666 (14091907)   65.74769 (14091907)   64.25935 (14091907)
62.83543 (14091907)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: DREDG
***
                               INCLUDING SOURCE(S):   L0000587   , L0000588   , L0000589   , L0000590   ,
L0000591   ,
                L0000592   , L0000593   , L0000594   , L0000595   , L0000596   , L0000597   , L0000598   ,
L0000599   ,
                L0000600   , L0000601   , L0000602   , L0000603   , L0000604   , L0000605   , L0000606   ,
L0000607   ,
                L0000608   , L0000609   , L0000610   , L0000611   , L0000612   , L0000613   , L0000614   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560417.30   560437.30   560457.30   560477.30
560497.30
 -
- - - - - - - -

 4191625.2 | 44.91537 (15012009)   45.65383 (15012009)   46.24728 (15012009)   46.66803 (15012009)
46.88928 (15012009)
 4191605.2 | 46.29714 (15012009)   46.92692 (15012009)   47.38358 (15012009)   47.63849 (15012009)
47.66626 (15012009)
 4191585.2 | 47.61506 (15012009)   48.10903 (15012009)   48.39928 (15012009)   48.45825 (15012009)
48.26427 (15012009)
 4191565.2 | 48.66767 (15012009)   48.99238 (15012009)   49.08297 (15012009)   48.91571 (15012009)
48.47533 (15012009)
 4191545.2 | 49.66285 (15012009)   49.78717 (15012009)   49.64818 (15012009)   49.22875 (15012009)
48.52225 (15012009)
 4191525.2 | 50.64992 (15012009)   50.54143 (15012009)   50.14372 (15012009)   49.44891 (15012009)
48.46050 (15012009)
 4191505.2 | 51.46463 (15012009)   51.09046 (15012009)   50.40843 (15012009)   49.42185 (15012009)
48.14469 (15012009)
 4191485.2 | 52.07091 (15012009)   51.40291 (15012009)   50.41848 (15012009)   49.13260 (15012009)
47.89324 (16120517)
 4191465.2 | 52.43464 (15012009)   51.45276 (15012009)   50.15761 (15012009)   48.83890 (16120517)
49.35497 (16120517)
 4191445.2 | 52.52725 (15012009)   51.22224 (15012009)   49.86745 (16120517)   50.28471 (16120517)
50.46324 (14012907)

 4191425.2 | 52.32924 (15012009)   50.93983 (16120517)   51.34317 (16120517)   51.67605 (14012907)
52.46900 (14012907)
 4191405.2 | 52.05908 (16120517)   52.44625 (16120517)   52.96454 (14012907)   53.74587 (14012907)
54.28122 (14012907)
 4191385.2 | 53.78003 (16120517)   54.40226 (14012907)   55.07876 (14012907)   55.57821 (14012907)
55.79511 (14012907)
 4191365.2 | 56.00919 (14012907)   56.67227 (14012907)   57.02548 (14012907)   57.18015 (14012907)
56.98317 (14012907)
 4191345.2 | 58.31888 (14012907)   58.65899 (14012907)   58.65306 (14012907)   58.41374 (14012907)
59.63680 (13011717)
 4191325.2 | 60.21918 (14012907)   60.09142 (14012907)   60.17808 (13011717)   61.71693 (13011717)
63.08148 (13011717)
 4191305.2 | 61.68021 (14012907)   62.57614 (13011717)   63.94275 (13011717)   65.24863 (13011717)
66.34469 (13011717)
 4191285.2 | 65.06007 (13011717)   66.55173 (13011717)   67.73226 (13011717)   68.58663 (13011717)
69.25180 (13011717)
 4191265.2 | 69.08680 (13011717)   70.31068 (13011717)   71.15712 (13011717)   71.41950 (13011717)
71.53241 (13011717)
 4191245.2 | 72.80440 (13011717)   73.55830 (13011717)   73.89005 (13011717)   73.61117 (13011717)
73.08108 (13011717)
 4191225.2 | 75.90060 (13011717)   76.02382 (13011717)   75.72582 (13011717)   74.93024 (13011717)
73.81312 (13011717)
 4191205.2 | 78.08390 (13011717)   77.50589 (13011717)   76.57249 (13011717)   75.31559 (13011717)
73.66032 (13011717)
 4191185.2 | 79.16882 (13011717)   77.92665 (13011717)   76.43259 (13011717)   74.76400 (13011717)
72.78118 (13011717)
 4191165.2 | 79.14664 (13011717)   77.38342 (13011717)   75.49781 (13011717)   73.55088 (13011717)
71.37711 (13011717)
 4191145.2 | 78.20392 (13011717)   76.12703 (13011717)   74.04184 (13011717)   73.23345 (13121117)
75.53598 (13121117)
 4191125.2 | 76.66830 (13011717)   76.87115 (13121117)   79.22949 (13121117)   81.16480 (13121117)
82.69282 (13121117)
 4191105.2 | 83.18662 (13121117)   85.05463 (13121117)   86.47282 (13121117)   87.47617 (13121117)
88.10555 (13121117)
 4191085.2 | 90.53202 (13121117)   91.35446 (13121117)   91.78144 (13121117)   91.86679 (13121117)
91.66264 (13121117)
 4191065.2 | 95.67107 (13121117)   95.50398 (13121117)   95.04987 (13121117)   94.29594 (13121117)
93.40498 (13121117)
 4191045.2 | 98.57987 (13121117)   97.62418 (13121117)   96.45978 (13121117)   95.05604 (13121117)
93.67602 (13121117)
 4191025.2 | 99.43213 (13121117)   97.92856 (13121117)   96.40333 (13121117)   94.77727 (13121117)
93.05304 (13121117)
 4191005.2 | 98.85349 (13121117)   97.07603 (13121117)   95.34951 (13121117)   95.09501 (13012308)
94.75712 (13012308)
 4190985.2 | 98.97580 (13012308)   98.64349 (13012308)   98.23802 (13012308)   97.76832 (13012308)
97.23853 (13012308)
 4190965.2 | 101.91623 (13012308)   101.25976 (13012308)   100.56391 (13012308)   99.82485 (13012308)
99.03548 (13012308)
 4190945.2 | 104.13890 (13012308)   103.30204 (13012308)   102.37223 (13012308)   101.39102 (13012308)
100.34347 (13012308)
 4190925.2 | 105.83652 (13012308)   104.81532 (13012308)   103.63656 (13012308)   102.37424 (13012308)
101.01092 (13012308)
 4190905.2 | 106.79303 (13012308)   105.45000 (13012308)   103.95023 (13012308)   102.32260 (13012308)
100.55382 (13012308)
 4190885.2 | 107.07738 (13012308)   105.28650 (13012308)   103.33745 (13012308)   101.74713 (13010717)
100.72103 (13010717)
 4190865.2 | 106.34107 (13010717)   105.26158 (13010717)   104.05489 (13010717)   102.71003 (13010717)
101.22089 (13010717)
 4190845.2 | 107.56753 (13010717)   105.99069 (13010717)   104.29539 (13010717)   102.57705 (13010717)
100.53866 (13010717)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: DREDG

***
                                INCLUDING SOURCE(S):   L0000587   , L0000588   , L0000589   , L0000590   ,
L0000591   ,
                L0000592   , L0000593   , L0000594   , L0000595   , L0000596   , L0000597   , L0000598   ,
L0000599   ,
                L0000600   , L0000601   , L0000602   , L0000603   , L0000604   , L0000605   , L0000606   ,
L0000607   ,
                L0000608   , L0000609   , L0000610   , L0000611   , L0000612   , L0000613   , L0000614   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560417.30   560437.30   560457.30   560477.30
560497.30
 -
- - - - - - - -

 4190825.2 | 107.57873 (13010717)   105.35134 (13010717)   102.99510 (13010717)   100.57297 (13010717)
97.92154 (13010717)
 4190805.2 | 105.68130 (13010717)   102.73982 (13010717)   99.68084 (13010717)   96.53468 (13010717)
93.33061 (13010717)
 4190785.2 | 101.28725 (13010717)   97.73149 (13010717)   94.14857 (13010717)   90.56884 (13010717)
87.01802 (13010717)
 4190765.2 | 94.67854 (13010717)   90.73953 (13010717)   86.87515 (13010717)   83.10428 (13010717)
79.44080 (13010717)
 4190745.2 | 86.37991 (13010717)   82.35524 (13010717)   78.48312 (13010717)   74.76749 (13010717)
71.20930 (13010717)
 4190725.2 | 77.19911 (13010717)   73.34831 (13010717)   69.68792 (13010717)   66.21100 (13010717)
64.49764 (14091907)
 4190705.2 | 68.55798 (14091907)   67.22763 (14091907)   65.93637 (14091907)   64.68330 (14091907)
63.46725 (14091907)
 4190685.2 | 66.88699 (14091907)   65.49209 (14091907)   64.14935 (14091907)   62.85554 (14091907)
61.60755 (14091907)
 4190665.2 | 64.39311 (14091907)   63.01818 (14091907)   61.69763 (14091907)   60.42732 (14091907)
59.20350 (14091907)
 4190645.2 | 61.60022 (13121617)   60.48227 (13121617)   59.41222 (13121617)   58.38679 (13121617)
57.40296 (13121617)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: DREDG
***
                                INCLUDING SOURCE(S):   L0000587   , L0000588   , L0000589   , L0000590   ,
L0000591   ,
                L0000592   , L0000593   , L0000594   , L0000595   , L0000596   , L0000597   , L0000598   ,
L0000599   ,
                L0000600   , L0000601   , L0000602   , L0000603   , L0000604   , L0000605   , L0000606   ,
L0000607   ,
                L0000608   , L0000609   , L0000610   , L0000611   , L0000612   , L0000613   , L0000614   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560517.30   560537.30   560557.30   560577.30
560597.30
 -
- - - - - - - -

 4191625.2 | 46.88758 (15012009)   46.64497 (15012009)   46.15055 (15012009)   45.40105 (15012009)
44.40047 (15012009)
 4191605.2 | 47.43744 (15012009)   46.90177 (15012009)   46.13472 (15012009)   45.13675 (15012009)
43.89108 (15012009)
 4191585.2 | 47.78150 (15012009)   46.84495 (15012009)   45.76781 (15012009)   44.52156 (15012009)
43.44773 (16120517)
 4191565.2 | 47.71566 (15012009)   46.53775 (15012009)   45.20953 (15012009)   44.12921 (16120517)
44.59312 (16120517)
 4191545.2 | 47.50770 (15012009)   46.14522 (15012009)   44.99083 (16120517)   45.45017 (16120517)
45.68467 (16120517)
 4191525.2 | 47.19160 (15012009)   45.98952 (16120517)   46.44459 (16120517)   46.66259 (16120517)
46.82085 (14012907)
 4191505.2 | 46.90236 (16120517)   47.35025 (16120517)   47.54885 (16120517)   47.86122 (14012907)
48.50123 (14012907)
 4191485.2 | 48.37302 (16120517)   48.55034 (16120517)   48.97812 (14012907)   49.57073 (14012907)
49.99641 (14012907)
 4191465.2 | 49.61920 (16120517)   50.23154 (14012907)   50.76975 (14012907)   51.07644 (14012907)
51.24299 (14012907)
 4191445.2 | 51.30209 (14012907)   51.89310 (14012907)   52.23427 (14012907)   52.31199 (14012907)
52.18292 (14012907)
 4191425.2 | 53.03434 (14012907)   53.41475 (14012907)   53.49580 (14012907)   53.29864 (14012907)
53.46634 (13011717)
 4191405.2 | 54.57498 (14012907)   54.71346 (14012907)   54.47439 (14012907)   55.31365 (13011717)
56.60343 (13011717)
 4191385.2 | 55.72433 (14012907)   55.64695 (13011717)   57.10511 (13011717)   58.45185 (13011717)
59.59698 (13011717)
 4191365.2 | 57.52413 (13011717)   58.92221 (13011717)   60.25051 (13011717)   61.40960 (13011717)
62.31346 (13011717)
 4191345.2 | 60.93310 (13011717)   62.16991 (13011717)   63.20921 (13011717)   64.02246 (13011717)
64.59042 (13011717)
 4191325.2 | 64.22354 (13011717)   65.18370 (13011717)   65.88716 (13011717)   66.31942 (13011717)
66.47772 (13011717)
 4191305.2 | 67.20132 (13011717)   67.76964 (13011717)   68.04161 (13011717)   68.02239 (13011717)
67.72847 (13011717)
 4191285.2 | 69.65673 (13011717)   69.74228 (13011717)   69.52343 (13011717)   69.02616 (13011717)
68.28357 (13011717)
 4191265.2 | 71.40459 (13011717)   70.96472 (13011717)   70.24936 (13011717)   69.30018 (13011717)
68.15901 (13011717)
 4191245.2 | 72.32950 (13011717)   71.38475 (13011717)   70.22514 (13011717)   68.89734 (13011717)
67.44085 (13011717)
 4191225.2 | 72.42038 (13011717)   71.05197 (13011717)   69.54519 (13011717)   67.93865 (13011717)
66.25893 (13011717)
 4191205.2 | 71.77775 (13011717)   70.10526 (13011717)   68.36455 (13011717)   66.57570 (13011717)
64.74569 (13011717)
 4191185.2 | 70.58514 (13011717)   68.72981 (13011717)   66.84952 (13011717)   68.70055 (13121117)
70.69363 (13121117)
 4191165.2 | 69.47914 (13121117)   71.77102 (13121117)   73.76069 (13121117)   75.42068 (13121117)
76.76166 (13121117)
 4191145.2 | 77.40700 (13121117)   78.76234 (13121117)   79.91851 (13121117)   80.85156 (13121117)
81.48631 (13121117)
 4191125.2 | 83.80261 (13121117)   84.32276 (13121117)   84.56590 (13121117)   84.61706 (13121117)
84.58561 (13121117)
 4191105.2 | 88.38591 (13121117)   88.23800 (13121117)   87.65043 (13121117)   86.79230 (13121117)
86.20487 (13121117)
 4191085.2 | 91.21736 (13121117)   90.53507 (13121117)   89.56252 (13121117)   88.41335 (13121117)
87.38160 (13121117)
 4191065.2 | 92.39601 (13121117)   91.27476 (13121117)   89.99120 (13121117)   88.62911 (13121117)
87.19833 (13121117)
 4191045.2 | 92.29851 (13121117)   90.86969 (13121117)   89.39596 (13121117)   87.81771 (13121117)
87.67889 (13012308)
 4191025.2 | 91.29708 (13121117)   91.17214 (13012308)   91.06785 (13012308)   90.86924 (13012308)
90.68879 (13012308)
 4191005.2 | 94.33119 (13012308)   94.10248 (13012308)   93.70114 (13012308)   93.22081 (13012308)
92.84551 (13012308)
 4190985.2 | 96.69709 (13012308)   96.33055 (13012308)   95.66516 (13012308)   94.88559 (13012308)
94.16408 (13012308)
 4190965.2 | 98.23551 (13012308)   97.60635 (13012308)   96.66135 (13012308)   95.58452 (13012308)
94.54786 (13012308)
 4190945.2 | 99.25850 (13012308)   98.18729 (13012308)   96.88147 (13012308)   95.45441 (13012308)

94.04491 (13012308)
 4190925.2 | 99.53165 (13012308)   97.92485 (13012308)   96.18285 (13012308)   94.51774 (13010717)
93.88405 (13010717)
 4190905.2 | 98.63562 (13012308)   97.53959 (13010717)   96.56433 (13010717)   95.50881 (13010717)
94.48986 (13010717)
 4190885.2 | 99.57388 (13010717)   98.29879 (13010717)   96.89273 (13010717)   95.39010 (13010717)
93.91370 (13010717)
 4190865.2 | 99.58624 (13010717)   97.80948 (13010717)   95.89795 (13010717)   93.92661 (13010717)
91.92801 (13010717)
 4190845.2 | 98.32641 (13010717)   95.98764 (13010717)   93.54009 (13010717)   91.00274 (13010717)
88.43536 (13010717)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: DREDG
***
                                INCLUDING SOURCE(S):   L0000587   , L0000588   , L0000589   , L0000590   ,
L0000591   ,
                L0000592   , L0000593   , L0000594   , L0000595   , L0000596   , L0000597   , L0000598   ,
L0000599   ,
                L0000600   , L0000601   , L0000602   , L0000603   , L0000604   , L0000605   , L0000606   ,
L0000607   ,
                L0000608   , L0000609   , L0000610   , L0000611   , L0000612   , L0000613   , L0000614   ,
. . .   ,

                             *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                  ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560517.30   560537.30   560557.30   560577.30
560597.30
 -
- - - - - - - -

 4190825.2 | 95.14263 (13010717)   92.28598 (13010717)   89.37485 (13010717)   86.43113 (13010717)
83.47488 (13010717)
 4190805.2 | 90.09579 (13010717)   86.85459 (13010717)   83.62834 (13010717)   80.43520 (13010717)
77.29037 (13010717)
 4190785.2 | 83.51732 (13010717)   80.08380 (13010717)   76.73077 (13010717)   73.46832 (13010717)
70.30380 (13010717)
 4190765.2 | 75.89438 (13010717)   72.47131 (13010717)   69.17520 (13010717)   66.00760 (13010717)
62.96839 (13010717)
 4190745.2 | 67.80726 (13010717)   64.55858 (13010717)   61.73766 (14091907)   60.83271 (14091907)
59.93819 (14091907)
 4190725.2 | 63.41057 (14091907)   62.34546 (14091907)   61.30251 (14091907)   60.28171 (14091907)
59.28288 (14091907)
 4190705.2 | 62.28696 (14091907)   61.14103 (14091907)   60.02808 (14091907)   58.94664 (14091907)
57.89533 (14091907)
 4190685.2 | 60.40254 (14091907)   59.23779 (14091907)   58.11081 (14091907)   57.01927 (14091907)
55.96106 (14091907)
 4190665.2 | 58.02282 (14091907)   56.88223 (14091907)   55.77900 (14091907)   54.71064 (14091907)
53.67491 (14091907)
 4190645.2 | 56.45804 (13121617)   55.54952 (13121617)   54.67514 (13121617)   53.83281 (13121617)
53.02061 (13121617)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: DREDG

***
INCLUDING SOURCE(S): L0000587 , L0000588 , L0000589 , L0000590 , L0000591 ,
L0000592 , L0000593 , L0000594 , L0000595 , L0000596 , L0000597 , L0000598 , L0000599 ,
L0000600 , L0000601 , L0000602 , L0000603 , L0000604 , L0000605 , L0000606 , L0000607 ,
L0000608 , L0000609 , L0000610 , L0000611 , L0000612 , L0000613 , L0000614 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	560617.30	560637.30	560657.30	560677.30	560697.30
4191625.2	43.15909 (15012009)	42.11704 (16120517)	42.59481 (16120517)	42.88447 (16120517)	42.95860 (16120517)
4191605.2	42.80797 (16120517)	43.25948 (16120517)	43.53740 (16120517)	43.60591 (16120517)	43.78808 (14012907)
4191585.2	43.82662 (16120517)	43.98712 (16120517)	44.03369 (16120517)	44.43992 (14012907)	44.92348 (14012907)
4191565.2	44.72953 (16120517)	47.93021 (14012907)	48.82607 (14012907)	49.54028 (14012907)	50.04683 (14012907)
4191545.2	45.66850 (14012907)	46.26386 (14012907)	46.75437 (14012907)	47.08691 (14012907)	47.26882 (14012907)
4191525.2	47.47091 (14012907)	47.94529 (14012907)	48.22868 (14012907)	48.38726 (14012907)	48.31563 (14012907)
4191505.2	48.95319 (14012907)	49.20232 (14012907)	49.23970 (14012907)	49.14157 (14012907)	48.81579 (14012907)
4191485.2	50.20676 (14012907)	50.19419 (14012907)	49.95713 (14012907)	49.85504 (13011717)	51.08094 (13011717)
4191465.2	51.17511 (14012907)	50.87332 (14012907)	51.36995 (13011717)	52.55334 (13011717)	53.68020 (13011717)
4191445.2	51.81061 (14012907)	52.99111 (13011717)	54.17685 (13011717)	55.30717 (13011717)	56.32172 (13011717)
4191425.2	54.74658 (13011717)	55.92963 (13011717)	56.98805 (13011717)	57.94548 (13011717)	58.71632 (13011717)
4191405.2	57.77510 (13011717)	58.79980 (13011717)	59.65274 (13011717)	60.31477 (13011717)	60.75781 (13011717)
4191385.2	60.57061 (13011717)	61.34876 (13011717)	61.91442 (13011717)	62.25830 (13011717)	62.36218 (13011717)
4191365.2	63.03506 (13011717)	63.52108 (13011717)	63.73284 (13011717)	63.67312 (13011717)	63.36565 (13011717)
4191345.2	65.02369 (13011717)	65.18611 (13011717)	65.00248 (13011717)	64.49027 (13011717)	63.75532 (13011717)
4191325.2	66.49798 (13011717)	66.24775 (13011717)	65.66158 (13011717)	64.76980 (13011717)	63.68910 (13011717)
4191305.2	67.26773 (13011717)	66.57620 (13011717)	65.61833 (13011717)	64.42841 (13011717)	63.10062 (13011717)
4191285.2	67.33165 (13011717)	66.20549 (13011717)	64.93635 (13011717)	63.54976 (13011717)	62.06442 (13011717)
4191265.2	66.86415 (13011717)	65.44726 (13011717)	63.93209 (13011717)	62.33402 (13011717)	60.66081 (13011717)
4191245.2	65.88600 (13011717)	64.25294 (13011717)	62.55217 (13011717)	60.78597 (13011717)	60.70713 (13121117)
4191225.2	64.52050 (13011717)	62.72754 (13011717)	63.18897 (13121117)	65.15654 (13121117)	66.88005 (13121117)
4191205.2	65.84710 (13121117)	67.83188 (13121117)	69.54708 (13121117)	70.99501 (13121117)	72.18307 (13121117)
4191185.2	72.38868 (13121117)	73.79166 (13121117)	74.91405 (13121117)	75.77135 (13121117)	76.38166 (13121117)
4191165.2	77.80022 (13121117)	78.55698 (13121117)	79.05495 (13121117)	79.31795 (13121117)	79.36944 (13121117)
4191145.2	81.85149 (13121117)	81.97600 (13121117)	81.88751 (13121117)	81.61150 (13121117)	

81.13879 (13121117)
 4191125.2 | 84.21918 (13121117)   83.61818 (13121117)   83.17613 (13121117)   82.53914 (13121117)
81.73762 (13121117)
 4191105.2 | 91.31559 (13121117)   90.41411 (13121117)   89.06742 (13121117)   82.31267 (13121117)
81.38498 (13121117)
 4191085.2 | 86.18493 (13121117)   84.83686 (13121117)   83.45200 (13121117)   82.14419 (13121117)
81.25117 (13012308)
 4191065.2 | 85.76727 (13121117)   84.48101 (13012308)   84.47207 (13012308)   84.45188 (13012308)
84.36163 (13012308)
 4191045.2 | 87.60813 (13012308)   87.47468 (13012308)   87.24464 (13012308)   86.92015 (13012308)
86.53469 (13012308)
 4191025.2 | 90.43377 (13012308)   90.06716 (13012308)   89.50917 (13012308)   88.86116 (13012308)
88.14014 (13012308)
 4191005.2 | 92.27799 (13012308)   91.55752 (13012308)   90.68927 (13012308)   89.72436 (13012308)
88.65820 (13012308)
 4190985.2 | 93.20991 (13012308)   92.11946 (13012308)   90.92464 (13012308)   89.62083 (13012308)
88.20536 (13012308)
 4190965.2 | 93.25798 (13012308)   91.81432 (13012308)   90.25223 (13012308)   88.57131 (13012308)
87.67710 (13010717)
 4190945.2 | 92.36344 (13012308)   91.08989 (13010717)   90.30414 (13010717)   89.41950 (13010717)
88.43343 (13010717)
 4190925.2 | 92.99075 (13010717)   91.94786 (13010717)   90.79541 (13010717)   89.53368 (13010717)
88.16516 (13010717)
 4190905.2 | 93.19356 (13010717)   91.73762 (13010717)   90.16868 (13010717)   88.49333 (13010717)
86.71999 (13010717)
 4190885.2 | 92.16071 (13010717)   90.25647 (13010717)   88.25399 (13010717)   86.16575 (13010717)
84.00494 (13010717)
 4190865.2 | 89.71083 (13010717)   87.37305 (13010717)   84.97105 (13010717)   82.52059 (13010717)
80.03681 (13010717)
 4190845.2 | 85.79061 (13010717)   83.09412 (13010717)   80.38109 (13010717)   77.66677 (13010717)
74.96475 (13010717)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: DREDG
***
                               INCLUDING SOURCE(S):   L0000587   , L0000588   , L0000589   , L0000590   ,
L0000591   ,
               L0000592   , L0000593   , L0000594   , L0000595   , L0000596   , L0000597   , L0000598   ,
L0000599   ,
               L0000600   , L0000601   , L0000602   , L0000603   , L0000604   , L0000605   , L0000606   ,
L0000607   ,
               L0000608   , L0000609   , L0000610   , L0000611   , L0000612   , L0000613   , L0000614   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560617.30   560637.30   560657.30   560677.30
560697.30
 -
- - - - - - - -

 4190825.2 | 80.52399 (13010717)   77.59415 (13010717)   74.69880 (13010717)   71.84930 (13010717)
69.05500 (13010717)
 4190805.2 | 74.20621 (13010717)   71.19262 (13010717)   68.25724 (13010717)   65.40584 (13010717)
62.64251 (13010717)
 4190785.2 | 67.24226 (13010717)   64.28687 (13010717)   61.43931 (13010717)   58.69999 (13010717)
56.06841 (13010717)
 4190765.2 | 60.05630 (13010717)   58.25876 (14091907)   57.51434 (14091907)   56.77355 (14091907)
56.03717 (14091907)
 4190745.2 | 59.05487 (14091907)   58.18334 (14091907)   57.32406 (14091907)   56.47736 (14091907)

55.64346 (14091907)
 4190725.2 | 58.30572 (14091907)   57.34983 (14091907)   56.41473 (14091907)   55.49990 (14091907)
54.60477 (14091907)
 4190705.2 | 56.87273 (14091907)   55.87754 (14091907)   54.90843 (14091907)   53.96420 (14091907)
53.04367 (14091907)
 4190685.2 | 54.93415 (14091907)   53.93677 (14091907)   52.96720 (14091907)   52.02394 (14091907)
51.10551 (14091907)
 4190665.2 | 52.66977 (14091907)   51.81436 (13020407)   51.08371 (13020407)   50.37672 (13020407)
49.69211 (13020407)
 4190645.2 | 52.23681 (13121617)   51.47975 (13121617)   50.74798 (13121617)   50.04008 (13121617)
49.35482 (13121617)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: DREDG
***
                               INCLUDING SOURCE(S):   L0000587   , L0000588   , L0000589   , L0000590   ,
L0000591   ,
                L0000592   , L0000593   , L0000594   , L0000595   , L0000596   , L0000597   , L0000598   ,
L0000599   ,
                L0000600   , L0000601   , L0000602   , L0000603   , L0000604   , L0000605   , L0000606   ,
L0000607   ,
                L0000608   , L0000609   , L0000610   , L0000611   , L0000612   , L0000613   , L0000614   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560717.30   560737.30   560757.30   560777.30
560797.30
 -
- - - - - - - -

 4191625.2 | 42.94289 (14012907)   43.45654 (14012907)   43.85835 (14012907)   44.10637 (14012907)
44.15763 (14012907)
 4191605.2 | 44.18277 (14012907)   44.50287 (14012907)   44.73998 (14012907)   44.82214 (14012907)
44.71234 (14012907)
 4191585.2 | 49.14659 (14012907)   49.48288 (14012907)   49.57215 (14012907)   45.32001 (14012907)
45.00441 (14012907)
 4191565.2 | 46.28015 (14012907)   50.33855 (14012907)   50.25827 (14012907)   49.76650 (14012907)
49.04907 (14012907)
 4191545.2 | 47.21437 (14012907)   46.90541 (14012907)   46.47161 (13011717)   50.35905 (13011717)
51.49116 (13011717)
 4191525.2 | 47.88953 (14012907)   48.04100 (13011717)   49.11151 (13011717)   49.92461 (13011717)
53.94811 (13011717)
 4191505.2 | 49.58171 (13011717)   50.64194 (13011717)   51.59789 (13011717)   52.45700 (13011717)
53.12993 (13011717)
 4191485.2 | 52.20994 (13011717)   53.19850 (13011717)   54.04088 (13011717)   54.77307 (13011717)
55.26402 (13011717)
 4191465.2 | 54.75156 (13011717)   55.63409 (13011717)   56.32994 (13011717)   56.77099 (13011717)
57.10848 (13011717)
 4191445.2 | 57.08110 (13011717)   57.75069 (13011717)   58.26879 (13011717)   58.51609 (13011717)
58.54149 (13011717)
 4191425.2 | 59.15566 (13011717)   59.53504 (13011717)   59.76802 (13011717)   59.76777 (13011717)
59.48268 (13011717)
 4191405.2 | 60.88071 (13011717)   60.87886 (13011717)   60.73744 (13011717)   60.51214 (13011717)
59.92603 (13011717)
 4191385.2 | 62.13039 (13011717)   61.78198 (13011717)   61.28517 (13011717)   60.65496 (13011717)
59.66508 (13011717)
 4191365.2 | 62.82119 (13011717)   62.15156 (13011717)   61.33504 (13011717)   60.36718 (13011717)
59.06984 (13011717)
 4191345.2 | 62.95472 (13011717)   61.99257 (13011717)   60.88931 (13011717)   59.66226 (13011717)

58.20658 (13011717)
 4191325.2 | 62.58165 (13011717)   61.34556 (13011717)   59.97336 (13011717)   58.39989 (13011717)
56.81172 (13011717)
 4191305.2 | 61.73647 (13011717)   60.27280 (13011717)   58.69492 (13011717)   56.87615 (13011717)
55.10612 (13011717)
 4191285.2 | 60.49214 (13011717)   58.83873 (13011717)   57.05671 (13011717)   56.04867 (13121117)
57.88094 (13121117)
 4191265.2 | 58.91384 (13011717)   58.32410 (13121117)   60.14664 (13121117)   61.80827 (13121117)
63.28862 (13121117)
 4191245.2 | 62.65077 (13121117)   64.25522 (13121117)   65.61767 (13121117)   66.89231 (13121117)
67.95067 (13121117)
 4191225.2 | 68.35902 (13121117)   69.49446 (13121117)   70.32527 (13121117)   71.11000 (13121117)
71.68571 (13121117)
 4191205.2 | 73.12251 (13121117)   73.80056 (13121117)   74.20264 (13121117)   74.33431 (13121117)
74.40187 (13121117)
 4191185.2 | 76.76437 (13121117)   76.88177 (13121117)   76.77814 (13121117)   76.46656 (13121117)
76.16331 (13121117)
 4191165.2 | 79.23148 (13121117)   78.76915 (13121117)   78.14237 (13121117)   77.55396 (13121117)
77.00338 (13121117)
 4191145.2 | 80.38561 (13121117)   79.60324 (13121117)   78.74053 (13121117)   77.97167 (13121117)
76.98976 (13121117)
 4191125.2 | 80.64202 (13121117)   79.63664 (13121117)   78.60214 (13121117)   77.49251 (13121117)
76.19521 (13121117)
 4191105.2 | 80.14830 (13121117)   79.01028 (13121117)   78.61109 (13012308)   78.78268 (13012308)
78.84246 (13012308)
 4191085.2 | 81.40900 (13012308)   81.48844 (13012308)   81.48871 (13012308)   81.32071 (13012308)
81.05017 (13012308)
 4191065.2 | 84.26385 (13012308)   84.05314 (13012308)   83.70760 (13012308)   83.21243 (13012308)
82.61819 (13012308)
 4191045.2 | 86.19239 (13012308)   85.72894 (13012308)   85.08915 (13012308)   84.26994 (13012308)
83.35032 (13012308)
 4191025.2 | 87.33783 (13012308)   86.41438 (13012308)   85.40074 (13012308)   84.25442 (13012308)
83.00495 (13012308)
 4191005.2 | 87.48735 (13012308)   86.20983 (13012308)   84.82536 (13012308)   83.33538 (13012308)
82.07003 (13010717)
 4190985.2 | 86.67779 (13012308)   85.09611 (13010717)   84.49026 (13010717)   83.79470 (13010717)
83.00823 (13010717)
 4190965.2 | 86.93699 (13010717)   86.10205 (13010717)   85.17119 (13010717)   84.14481 (13010717)
83.02474 (13010717)
 4190945.2 | 87.34532 (13010717)   86.15634 (13010717)   84.86941 (13010717)   83.48894 (13010717)
82.02067 (13010717)
 4190925.2 | 86.69430 (13010717)   85.12725 (13010717)   83.47151 (13010717)   81.73565 (13010717)
79.92896 (13010717)
 4190905.2 | 84.85838 (13010717)   82.91922 (13010717)   80.91376 (13010717)   78.85348 (13010717)
76.74979 (13010717)
 4190885.2 | 81.78500 (13010717)   79.51925 (13010717)   77.22055 (13010717)   74.90114 (13010717)
72.57239 (13010717)
 4190865.2 | 77.53392 (13010717)   75.02504 (13010717)   72.52205 (13010717)   70.03556 (13010717)
67.57492 (13010717)
 4190845.2 | 72.28698 (13010717)   69.64374 (13010717)   67.04381 (13010717)   64.49446 (13010717)
62.00168 (13010717)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: DREDG
***
                               INCLUDING SOURCE(S):   L0000587   , L0000588   , L0000589   , L0000590   ,
L0000591   ,
               L0000592   , L0000593   , L0000594   , L0000595   , L0000596   , L0000597   , L0000598   ,
L0000599   ,
               L0000600   , L0000601   , L0000602   , L0000603   , L0000604   , L0000605   , L0000606   ,
L0000607   ,
               L0000608   , L0000609   , L0000610   , L0000611   , L0000612   , L0000613   , L0000614   ,
. . .   ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	560717.30	560737.30	560757.30	560777.30	560797.30
4190825.2	66.32350 (13010717)	63.66078 (13010717)	61.07145 (13010717)	58.55889 (13010717)	56.12543 (13010717)
4190805.2	59.97002 (13010717)	57.38994 (13010717)	54.90292 (13010717)	52.75323 (14091907)	52.24535 (14091907)
4190785.2	55.11153 (14091907)	54.49552 (14091907)	53.87891 (14091907)	53.26245 (14091907)	52.64675 (14091907)
4190765.2	55.30590 (14091907)	54.58034 (14091907)	53.86099 (14091907)	53.14831 (14091907)	52.44263 (14091907)
4190745.2	54.82246 (14091907)	54.01442 (14091907)	53.21929 (14091907)	52.43700 (14091907)	51.66742 (14091907)
4190725.2	53.72875 (14091907)	52.87125 (14091907)	52.03166 (14091907)	51.20940 (14091907)	50.40388 (14091907)
4190705.2	52.14574 (14091907)	51.26937 (14091907)	50.41358 (14091907)	49.57746 (14091907)	48.76014 (14091907)
4190685.2	50.21067 (14091907)	49.33817 (14091907)	48.48694 (14091907)	47.65596 (14091907)	46.98440 (13020407)
4190665.2	49.02863 (13020407)	48.38518 (13020407)	47.76068 (13020407)	47.15418 (13020407)	46.56475 (13020407)
4190645.2	48.69098 (13121617)	48.04748 (13121617)	47.42329 (13121617)	46.81748 (13121617)	46.22913 (13121617)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: DREDG ***

INCLUDING SOURCE(S): L0000587 , L0000588 , L0000589 , L0000590 , L0000591 ,
L0000592 , L0000593 , L0000594 , L0000595 , L0000596 , L0000597 , L0000598 , L0000599 ,
L0000600 , L0000601 , L0000602 , L0000603 , L0000604 , L0000605 , L0000606 , L0000607 ,
L0000608 , L0000609 , L0000610 , L0000611 , L0000612 , L0000613 , L0000614 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	560817.30	560837.30	560857.30	560877.30	560897.30
4191625.2	44.03689 (14012907)	43.78196 (14012907)	43.35617 (14012907)	43.61647 (13011717)	44.58127 (13011717)
4191605.2	44.41008 (14012907)	43.93199 (14012907)	44.81932 (13011717)	45.81003 (13011717)	46.72254 (13011717)
4191585.2	44.96350 (13011717)	45.98103 (13011717)	47.00307 (13011717)	47.98153 (13011717)	48.80459 (13011717)
4191565.2	50.05077 (13011717)	48.22913 (13011717)	49.14673 (13011717)	49.97284 (13011717)	50.66252 (13011717)
4191545.2	52.53360 (13011717)	50.41194 (13011717)	51.20869 (13011717)	51.85284 (13011717)	

52.36851 (13011717)
 4191525.2 | 54.87771 (13011717)   52.47689 (13011717)   53.10613 (13011717)   53.55685 (13011717)
53.86046 (13011717)
 4191505.2 | 57.03020 (13011717)   54.32770 (13011717)   54.80477 (13011717)   55.08013 (13011717)
55.04451 (13011717)
 4191485.2 | 55.59315 (13011717)   55.97056 (13011717)   56.15567 (13011717)   56.13334 (13011717)
55.89007 (13011717)
 4191465.2 | 57.30458 (13011717)   57.32470 (13011717)   57.09618 (13011717)   56.69426 (13011717)
56.34004 (13011717)
 4191445.2 | 58.37452 (13011717)   58.10264 (13011717)   57.64393 (13011717)   57.00812 (13011717)
56.30439 (13011717)
 4191425.2 | 58.99034 (13011717)   58.36256 (13011717)   57.66339 (13011717)   56.84034 (13011717)
55.78967 (13011717)
 4191405.2 | 59.08903 (13011717)   58.10438 (13011717)   57.17232 (13011717)   56.15397 (13011717)
54.80682 (13011717)
 4191385.2 | 58.42326 (13011717)   59.49943 (13011717)   56.20235 (13011717)   55.00633 (13011717)
53.53909 (13011717)
 4191365.2 | 59.65581 (13011717)   58.18810 (13011717)   54.91960 (13011717)   53.53730 (13011717)
51.93008 (13011717)
 4191345.2 | 56.61583 (13011717)   56.59986 (13011717)   53.37475 (13011717)   51.80845 (13011717)
50.30155 (17122817)
 4191325.2 | 55.10952 (13011717)   54.79359 (13011717)   51.96121 (13121117)   53.86840 (13121117)
55.52292 (13121117)
 4191305.2 | 53.95322 (13121117)   60.11614 (13121117)   57.37689 (13121117)   58.99843 (13121117)
60.32905 (13121117)
 4191285.2 | 59.55237 (13121117)   66.48439 (13121117)   68.00300 (13121117)   63.53630 (13121117)
64.48249 (13121117)
 4191265.2 | 64.56336 (13121117)   71.87903 (13121117)   72.99440 (13121117)   73.55503 (13121117)
67.81009 (13121117)
 4191245.2 | 68.77113 (13121117)   76.03680 (13121117)   76.50236 (13121117)   70.04582 (13121117)
70.28178 (13121117)
 4191225.2 | 72.03455 (13121117)   78.75570 (13121117)   72.13313 (13121117)   72.16006 (13121117)
71.88382 (13121117)
 4191205.2 | 74.36265 (13121117)   74.19408 (13121117)   73.79040 (13121117)   73.22357 (13121117)
72.59211 (13121117)
 4191185.2 | 75.77627 (13121117)   75.27444 (13121117)   74.48849 (13121117)   73.56181 (13121117)
72.61063 (13121117)
 4191165.2 | 76.31041 (13121117)   75.36560 (13121117)   74.31810 (13121117)   73.17192 (13121117)
71.93006 (13121117)
 4191145.2 | 75.90413 (13121117)   74.66845 (13121117)   73.37812 (13012308)   73.66485 (13012308)
73.83907 (13012308)
 4191125.2 | 76.05647 (13012308)   76.23337 (13012308)   76.29931 (13012308)   76.25735 (13012308)
76.10992 (13012308)
 4191105.2 | 78.79400 (13012308)   78.63990 (13012308)   78.38213 (13012308)   78.02215 (13012308)
77.58564 (13012308)
 4191085.2 | 80.70589 (13012308)   80.35517 (13012308)   79.79978 (13012308)   79.14277 (13012308)
78.45331 (13012308)
 4191065.2 | 81.92443 (13012308)   81.20927 (13012308)   80.34705 (13012308)   79.36677 (13012308)
78.32477 (13012308)
 4191045.2 | 82.32979 (13012308)   81.20880 (13012308)   79.98885 (13012308)   78.67256 (13012308)
77.26367 (13012308)
 4191025.2 | 81.65373 (13012308)   80.20359 (13012308)   79.22641 (13010717)   78.70029 (13010717)
78.08989 (13010717)
 4191005.2 | 81.50480 (13010717)   80.85256 (13010717)   80.11307 (13010717)   79.28708 (13010717)
78.37623 (13010717)
 4190985.2 | 82.13079 (13010717)   81.16351 (13010717)   80.10865 (13010717)   78.96952 (13010717)
77.75032 (13010717)
 4190965.2 | 81.81411 (13010717)   80.51729 (13010717)   79.13960 (13010717)   77.68723 (13010717)
76.16701 (13010717)
 4190945.2 | 80.47137 (13010717)   78.84864 (13010717)   77.16067 (13010717)   75.41600 (13010717)
73.62333 (13010717)
 4190925.2 | 78.06120 (13010717)   76.14228 (13010717)   74.18212 (13010717)   72.19037 (13010717)
70.17636 (13010717)
 4190905.2 | 74.61378 (13010717)   72.45606 (13010717)   70.28662 (13010717)   68.11470 (13010717)
65.94879 (13010717)
 4190885.2 | 70.24477 (13010717)   67.92773 (13010717)   65.62973 (13010717)   63.35821 (13010717)
61.11967 (13010717)
 4190865.2 | 65.14819 (13010717)   62.76232 (13010717)   60.42308 (13010717)   58.13531 (13010717)
55.90288 (13010717)

 4190845.2 | 59.57026 (13010717)   57.20392 (13010717)   54.90547 (13010717)   52.67689 (13010717)
50.51946 (13010717)

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: DREDG
***
                                INCLUDING SOURCE(S):   L0000587   , L0000588   , L0000589   , L0000590   ,
L0000591   ,
                L0000592   , L0000593   , L0000594   , L0000595   , L0000596   , L0000597   , L0000598   ,
L0000599   ,
                L0000600   , L0000601   , L0000602   , L0000603   , L0000604   , L0000605   , L0000606   ,
L0000607   ,
                L0000608   , L0000609   , L0000610   , L0000611   , L0000612   , L0000613   , L0000614   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560817.30   560837.30   560857.30   560877.30
560897.30
 -
- - - - - - - -

 4190825.2 | 53.77252 (13010717)   51.50086 (13010717)   50.03734 (14091907)   49.61722 (14091907)
49.19179 (14091907)
 4190805.2 | 51.73368 (14091907)   51.21881 (14091907)   50.70135 (14091907)   50.18186 (14091907)
49.66089 (14091907)
 4190785.2 | 52.03245 (14091907)   51.42008 (14091907)   50.81015 (14091907)   50.20308 (14091907)
49.59931 (14091907)
 4190765.2 | 51.74427 (14091907)   51.05344 (14091907)   50.37033 (14091907)   49.69506 (14091907)
49.02774 (14091907)
 4190745.2 | 50.91040 (14091907)   50.16572 (14091907)   49.43320 (14091907)   48.71258 (14091907)
48.00367 (14091907)
 4190725.2 | 49.61453 (14091907)   48.84081 (14091907)   48.08219 (14091907)   47.33817 (14091907)
46.60827 (14091907)
 4190705.2 | 47.96084 (14091907)   47.17880 (14091907)   46.41333 (14091907)   45.66378 (14091907)
44.92957 (14091907)
 4190685.2 | 46.41334 (13020407)   45.85753 (13020407)   45.31630 (13020407)   44.78897 (13020407)
44.27492 (13020407)
 4190665.2 | 45.99157 (13020407)   45.43381 (13020407)   44.89075 (13020407)   44.36169 (13020407)
43.84599 (13020407)
 4190645.2 | 45.65744 (13121617)   45.10162 (13121617)   44.56096 (13121617)   44.03478 (13121617)
43.52243 (13121617)

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: DREDG
***
                                INCLUDING SOURCE(S):   L0000587   , L0000588   , L0000589   , L0000590   ,
L0000591   ,
                L0000592   , L0000593   , L0000594   , L0000595   , L0000596   , L0000597   , L0000598   ,
L0000599   ,
                L0000600   , L0000601   , L0000602   , L0000603   , L0000604   , L0000605   , L0000606   ,
L0000607   ,
                L0000608   , L0000609   , L0000610   , L0000611   , L0000612   , L0000613   , L0000614   ,
. . .   ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 560917.30	560937.30	560957.30	560977.30	560997.30
4191625.2	45.49768 (13011717)	46.35274 (13011717)	47.13378 (13011717)	47.82891 (13011717)	48.42744 (13011717)
4191605.2	47.56433 (13011717)	48.32226 (13011717)	48.98433 (13011717)	49.54002 (13011717)	49.98068 (13011717)
4191585.2	49.53314 (13011717)	50.15523 (13011717)	50.66082 (13011717)	51.04200 (13011717)	51.27974 (13011717)
4191565.2	51.23501 (13011717)	51.69721 (13011717)	52.08614 (13011717)	52.27595 (13011717)	52.29759 (13011717)
4191545.2	52.74743 (13011717)	53.00265 (13011717)	53.16477 (13011717)	53.12797 (13011717)	52.93096 (13011717)
4191525.2	54.01320 (13011717)	54.01419 (13011717)	53.86508 (13011717)	53.56957 (13011717)	53.15208 (13011717)
4191505.2	54.92629 (13011717)	54.67472 (13011717)	54.27480 (13011717)	53.73337 (13011717)	53.05792 (13011717)
4191485.2	55.48863 (13011717)	54.93702 (13011717)	54.34837 (13011717)	53.58462 (13011717)	52.65905 (13011717)
4191465.2	55.67710 (13011717)	54.83383 (13011717)	54.05799 (13011717)	53.07841 (13011717)	51.91964 (13011717)
4191445.2	55.42650 (13011717)	54.38707 (13011717)	53.21249 (13011717)	51.96975 (13011717)	50.64643 (13011717)
4191425.2	54.65900 (13011717)	53.41851 (13011717)	52.01436 (13011717)	50.57661 (13011717)	49.06908 (13011717)
4191405.2	53.44105 (13011717)	52.02384 (13011717)	50.51373 (13011717)	48.91523 (13011717)	47.23272 (13011717)
4191385.2	52.00244 (13011717)	50.39964 (13011717)	48.71069 (13011717)	47.41564 (17122817)	48.63681 (13121117)
4191365.2	50.23546 (13011717)	48.82172 (17122817)	50.28664 (13121117)	51.88927 (13121117)	53.35894 (13121117)
4191345.2	52.02799 (13121117)	53.65757 (13121117)	55.14257 (13121117)	56.47799 (13121117)	57.66091 (13121117)
4191325.2	57.02008 (13121117)	58.35561 (13121117)	59.52751 (13121117)	60.53592 (13121117)	61.38260 (13121117)
4191305.2	61.48414 (13121117)	62.46514 (13121117)	63.27526 (13121117)	63.91906 (13121117)	64.40212 (13121117)
4191285.2	65.24841 (13121117)	65.84025 (13121117)	66.26518 (13121117)	66.53076 (13121117)	66.64476 (13121117)
4191265.2	68.19532 (13121117)	68.39027 (13121117)	68.43079 (13121117)	68.32565 (13121117)	68.08306 (13121117)
4191245.2	70.26922 (13121117)	70.08210 (13121117)	69.75759 (13121117)	69.30390 (13121117)	68.72831 (13121117)
4191225.2	71.47129 (13121117)	70.93124 (13121117)	70.27120 (13121117)	69.49768 (13121117)	68.61628 (13121117)
4191205.2	71.84356 (13121117)	71.01185 (13121117)	70.17154 (13121117)	69.05462 (13121117)	67.79146 (13121117)
4191185.2	71.50325 (13121117)	70.32580 (13121117)	69.18213 (13121117)	68.92563 (13012308)	69.16405 (13012308)
4191165.2	71.04648 (13012308)	71.16554 (13012308)	71.33561 (13012308)	71.52741 (13012308)	71.61564 (13012308)
4191145.2	73.88048 (13012308)	73.79124 (13012308)	73.64677 (13012308)	73.56903 (13012308)	73.33063 (13012308)
4191125.2	75.90521 (13012308)	75.59393 (13012308)	75.19626 (13012308)	74.73582 (13012308)	74.14159 (13012308)
4191105.2	77.11241 (13012308)	76.57412 (13012308)	75.88901 (13012308)	75.04928 (13012308)	74.08751 (13012308)
4191085.2	77.61880 (13012308)	76.65734 (13012308)	75.61194 (13012308)	74.46383 (13012308)	73.21083 (13012308)
4191065.2	77.14633 (13012308)	75.86603 (13012308)	74.46794 (13012308)	73.97442 (13010717)	73.50975 (13010717)

 4191045.2 | 76.54814 (13010717)   76.03637 (13010717)   75.38226 (13010717)   74.70184 (13010717)
73.97650 (13010717)
 4191025.2 | 77.35877 (13010717)   76.50894 (13010717)   75.52499 (13010717)   74.61823 (13010717)
73.65306 (13010717)
 4191005.2 | 77.31825 (13010717)   76.14958 (13010717)   74.86600 (13010717)   73.68194 (13010717)
72.45001 (13010717)
 4190985.2 | 76.40682 (13010717)   74.93545 (13010717)   73.37721 (13010717)   71.86272 (13010717)
70.34352 (13010717)
 4190965.2 | 74.57541 (13010717)   72.89414 (13010717)   71.01919 (13010717)   69.25374 (13010717)
67.52175 (13010717)
 4190945.2 | 71.79133 (13010717)   69.89752 (13010717)   67.82396 (13010717)   65.86087 (13010717)
63.96846 (13010717)
 4190925.2 | 68.14888 (13010717)   66.08749 (13010717)   63.88428 (13010717)   61.80664 (13010717)
59.79895 (13010717)
 4190905.2 | 63.79654 (13010717)   61.63876 (13010717)   59.37751 (13010717)   57.25393 (13010717)
55.21573 (13010717)
 4190885.2 | 58.91968 (13010717)   56.74791 (13010717)   54.53053 (13010717)   52.41647 (13010717)
50.38174 (13010717)
 4190865.2 | 53.72884 (13010717)   51.60916 (13010717)   49.50632 (13010717)   47.46697 (13010717)
45.48697 (13010717)
 4190845.2 | 48.43385 (13010717)   47.53814 (14091907)   47.17602 (14091907)   46.73285 (14091907)
46.26817 (14091907)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: DREDG
***
                               INCLUDING SOURCE(S):   L0000587   , L0000588   , L0000589   , L0000590   ,
L0000591   ,
                L0000592   , L0000593   , L0000594   , L0000595   , L0000596   , L0000597   , L0000598   ,
L0000599   ,
                L0000600   , L0000601   , L0000602   , L0000603   , L0000604   , L0000605   , L0000606   ,
L0000607   ,
                L0000608   , L0000609   , L0000610   , L0000611   , L0000612   , L0000613   , L0000614   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560917.30   560937.30   560957.30   560977.30
560997.30
 -
- - - - - - - -

 4190825.2 | 48.76151 (14091907)   48.32688 (14091907)   47.88839 (14091907)   47.36517 (14091907)
46.79297 (14091907)
 4190805.2 | 49.13895 (14091907)   48.61655 (14091907)   48.09412 (14091907)   47.49273 (14091907)
46.84764 (14091907)
 4190785.2 | 48.99914 (14091907)   48.40292 (14091907)   47.81090 (14091907)   47.14693 (14091907)
46.44511 (14091907)
 4190765.2 | 48.36842 (14091907)   47.71713 (14091907)   47.07388 (14091907)   46.37581 (14091907)
45.67706 (14091907)
 4190745.2 | 47.30618 (14091907)   46.61992 (14091907)   45.94460 (14091907)   45.25362 (14091907)
44.55120 (14091907)
 4190725.2 | 45.89202 (14091907)   45.18901 (14091907)   44.49881 (14091907)   43.81547 (14091907)
43.12500 (14091907)
 4190705.2 | 44.21012 (14091907)   43.50492 (14091907)   42.94849 (13020407)   42.49233 (13020407)
42.02463 (13020407)
 4190685.2 | 43.77355 (13020407)   43.28432 (13020407)   42.80670 (13020407)   42.34018 (13020407)
41.86330 (13020407)
 4190665.2 | 43.34302 (13020407)   42.85223 (13020407)   42.37307 (13020407)   41.90503 (13020407)
41.42749 (13020407)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: DREDG
***
                                INCLUDING SOURCE(S):   L0000587   , L0000588   , L0000589   , L0000590   ,
L0000591   ,
                L0000592   , L0000593   , L0000594   , L0000595   , L0000596   , L0000597   , L0000598   ,
L0000599   ,
                L0000600   , L0000601   , L0000602   , L0000603   , L0000604   , L0000605   , L0000606   ,
L0000607   ,
                L0000608   , L0000609   , L0000610   , L0000611   , L0000612   , L0000613   , L0000614   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 561017.30   561037.30   561057.30   561077.30
561097.30
 -
- - - - - - - -

 4191625.2 | 48.89589 (13011717)   49.23557 (13011717)   49.46725 (13011717)   49.57479 (13011717)
49.57229 (13011717)
 4191605.2 | 50.26027 (13011717)   50.42439 (13011717)   50.45811 (13011717)   50.36096 (13011717)
50.15056 (13011717)
 4191585.2 | 51.29236 (13011717)   51.32272 (13011717)   51.22973 (13011717)   50.84263 (13011717)
50.39954 (13011717)
 4191565.2 | 52.08350 (13011717)   51.89194 (13011717)   51.59072 (13011717)   51.05755 (13011717)
50.36885 (13011717)
 4191545.2 | 52.56079 (13011717)   52.13750 (13011717)   51.57991 (13011717)   50.85405 (13011717)
49.93836 (13011717)
 4191525.2 | 52.70099 (13011717)   52.02901 (13011717)   51.20463 (13011717)   50.26549 (13011717)
49.14505 (13011717)
 4191505.2 | 52.29438 (13011717)   51.44273 (13011717)   50.45467 (13011717)   49.23633 (13011717)
47.96665 (13011717)
 4191485.2 | 51.59919 (13011717)   50.50655 (13011717)   49.32495 (13011717)   47.96419 (13011717)
46.51503 (13011717)
 4191465.2 | 50.58420 (13011717)   49.22222 (13011717)   47.82516 (13011717)   46.43463 (13011717)
44.80386 (13011717)
 4191445.2 | 49.19100 (13011717)   47.66681 (13011717)   46.07851 (13011717)   44.44629 (13011717)
43.61115 (17122817)
 4191425.2 | 47.47529 (13011717)   45.80035 (13011717)   44.80351 (17122817)   45.90603 (17122817)
47.09956 (13121117)
 4191405.2 | 46.07787 (17122817)   47.19147 (17122817)   48.61637 (13121117)   50.04833 (13121117)
51.36134 (13121117)
 4191385.2 | 50.21100 (13121117)   51.66281 (13121117)   52.98631 (13121117)   54.17729 (13121117)
55.23318 (13121117)
 4191365.2 | 54.69011 (13121117)   55.87913 (13121117)   56.92416 (13121117)   57.82477 (13121117)
58.54335 (13121117)
 4191345.2 | 58.69036 (13121117)   59.56692 (13121117)   60.29254 (13121117)   60.87018 (13121117)
61.19803 (13121117)
 4191325.2 | 62.07071 (13121117)   62.60440 (13121117)   62.96700 (13121117)   69.18854 (13121117)
69.49909 (13121117)
 4191305.2 | 64.73054 (13121117)   64.86481 (13121117)   64.83217 (13121117)   71.04367 (13121117)
71.07549 (13121117)
 4191285.2 | 66.61477 (13121117)   66.32515 (13121117)   72.35379 (13121117)   71.79907 (13121117)
71.52831 (13121117)
 4191265.2 | 67.71061 (13121117)   67.08941 (13121117)   72.44053 (13121117)   71.56095 (13121117)
70.95489 (13121117)

 4191245.2 | 68.03729 (13121117)   67.10942 (13121117)   71.73855 (13121117)   70.57758 (13121117)
69.66216 (13121117)
 4191225.2 | 67.63197 (13121117)   66.44860 (13121117)   70.34118 (13121117)   70.93513 (13012308)
71.86860 (13012308)
 4191205.2 | 66.53596 (13121117)   66.80714 (13012308)   66.97687 (13012308)   73.74200 (13012308)
74.59618 (13012308)
 4191185.2 | 69.31945 (13012308)   69.32397 (13012308)   69.20134 (13012308)   75.71638 (13012308)
76.32092 (13012308)
 4191165.2 | 71.44695 (13012308)   71.11440 (13012308)   70.60473 (13012308)   77.03499 (13012308)
76.97095 (13012308)
 4191145.2 | 72.73282 (13012308)   72.11053 (13012308)   71.41205 (13012308)   70.52560 (13012308)
76.55599 (13012308)
 4191125.2 | 73.24578 (13012308)   72.28232 (13012308)   71.25689 (13012308)   70.16418 (13012308)
68.98880 (13012308)
 4191105.2 | 72.96639 (13012308)   71.66438 (13012308)   70.22770 (13012308)   69.15011 (13010717)
68.85072 (13010717)
 4191085.2 | 71.87557 (13010717)   71.33989 (13010717)   70.66313 (13010717)   70.18241 (13010717)
69.62731 (13010717)
 4191065.2 | 72.92271 (13010717)   72.19573 (13010717)   71.34711 (13010717)   70.42586 (13010717)
69.58905 (13010717)
 4191045.2 | 73.15821 (13010717)   72.29902 (13010717)   71.28689 (13010717)   69.85259 (13010717)
68.74152 (13010717)
 4191025.2 | 72.40018 (13010717)   71.33020 (13010717)   70.25460 (13010717)   68.89814 (13010717)
67.39579 (13010717)
 4191005.2 | 70.92750 (13010717)   69.63627 (13010717)   68.31501 (13010717)   66.83999 (13010717)
65.15534 (13010717)
 4190985.2 | 68.78103 (13010717)   67.18213 (13010717)   65.55356 (13010717)   63.90193 (13010717)
62.14337 (13010717)
 4190965.2 | 65.76661 (13010717)   63.93839 (13010717)   62.08167 (13010717)   60.30454 (13010717)
58.56605 (13010717)
 4190945.2 | 62.01968 (13010717)   60.05816 (13010717)   58.12939 (13010717)   56.33416 (13010717)
54.56522 (13010717)
 4190925.2 | 57.70349 (13010717)   55.72964 (13010717)   53.86108 (13010717)   52.07964 (13010717)
50.26353 (13010717)
 4190905.2 | 53.12041 (13010717)   51.20397 (13010717)   49.38625 (13010717)   47.61951 (13010717)
45.80796 (13010717)
 4190885.2 | 48.38883 (13010717)   46.54826 (13010717)   44.79640 (13010717)   43.19798 (14091907)
42.93365 (14091907)
 4190865.2 | 45.00255 (14091907)   44.79427 (14091907)   44.56445 (14091907)   44.26903 (14091907)
43.92483 (14091907)
 4190845.2 | 45.97966 (14091907)   45.63824 (14091907)   45.28885 (14091907)   44.91290 (14091907)
44.52304 (14091907)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: DREDG
***
                               INCLUDING SOURCE(S):   L0000587   , L0000588   , L0000589   , L0000590   ,
L0000591   ,
               L0000592   , L0000593   , L0000594   , L0000595   , L0000596   , L0000597   , L0000598   ,
L0000599   ,
               L0000600   , L0000601   , L0000602   , L0000603   , L0000604   , L0000605   , L0000606   ,
L0000607   ,
               L0000608   , L0000609   , L0000610   , L0000611   , L0000612   , L0000613   , L0000614   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 561017.30   561037.30   561057.30   561077.30
561097.30
 -

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 4190825.2 | 46.44509 (14091907)   46.04125 (14091907)   45.61015 (14091907)   45.15928 (14091907)
44.70747 (14091907)
 4190805.2 | 46.42456 (14091907)   45.97659 (14091907)   45.49538 (14091907)   44.98064 (14091907)
44.46820 (14091907)
 4190785.2 | 45.96029 (14091907)   45.45493 (14091907)   44.92096 (14091907)   44.35805 (14091907)
43.80041 (14091907)
 4190765.2 | 45.10566 (14091907)   44.54841 (14091907)   43.97718 (14091907)   43.38137 (14091907)
42.79327 (14091907)
 4190745.2 | 43.91017 (14091907)   43.31091 (14091907)   42.72435 (14091907)   42.11003 (14091907)
41.50515 (14091907)
 4190725.2 | 42.39854 (14091907)   41.77784 (14091907)   41.19401 (14091907)   40.60224 (14091907)
39.99684 (14091907)
 4190705.2 | 41.45342 (13020407)   41.04408 (13020407)   40.69540 (13020407)   40.34409 (13020407)
39.95575 (13020407)
 4190685.2 | 41.28706 (13020407)   40.86809 (13020407)   40.50845 (13020407)   40.14037 (13020407)
39.75015 (13020407)
 4190665.2 | 40.85513 (13020407)   40.43388 (13020407)   40.05135 (13020407)   39.61540 (13020407)
39.25256 (13020407)
 4190645.2 | 40.57372 (13121617)   40.14734 (13121617)   39.74310 (13121617)   39.21107 (13121617)
38.92511 (13121617)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: DREDG
***
                               INCLUDING SOURCE(S):   L0000587   , L0000588   , L0000589   , L0000590   ,
L0000591   ,
                L0000592   , L0000593   , L0000594   , L0000595   , L0000596   , L0000597   , L0000598   ,
L0000599   ,
                L0000600   , L0000601   , L0000602   , L0000603   , L0000604   , L0000605   , L0000606   ,
L0000607   ,
                L0000608   , L0000609   , L0000610   , L0000611   , L0000612   , L0000613   , L0000614   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 561117.30   561137.30   561157.30   561177.30
561197.30
 -
- - - - - - - -

 4191625.2 | 49.46065 (13011717)   49.22549 (13011717)   48.86898 (13011717)   48.39427 (13011717)
47.80520 (13011717)
 4191605.2 | 49.83017 (13011717)   49.38686 (13011717)   48.82467 (13011717)   48.14824 (13011717)
47.36260 (13011717)
 4191585.2 | 49.86591 (13011717)   49.21346 (13011717)   48.44752 (13011717)   47.57365 (13011717)
46.59759 (13011717)
 4191565.2 | 49.55799 (13011717)   48.70081 (13011717)   47.73753 (13011717)   46.67416 (13011717)
45.51678 (13011717)
 4191545.2 | 48.90619 (13011717)   47.85270 (13011717)   46.70158 (13011717)   45.45904 (13011717)
44.13136 (13011717)
 4191525.2 | 47.91795 (13011717)   46.67894 (13011717)   45.35127 (13011717)   43.94126 (13011717)
42.45554 (13011717)
 4191505.2 | 46.60560 (13011717)   45.19297 (13011717)   43.70086 (13011717)   42.13601 (13011717)
40.50574 (13011717)
 4191485.2 | 44.98385 (13011717)   43.40987 (13011717)   41.76614 (13011717)   41.31843 (17122817)
42.38112 (17122817)
 4191465.2 | 43.06806 (13011717)   42.42764 (17122817)   43.50447 (17122817)   44.46276 (17122817)
45.64320 (13121117)

 4191445.2 | 44.67828 (17122817)   45.65529 (13121117)   47.04327 (13121117)   48.32884 (13121117)
49.50686 (13121117)
 4191425.2 | 48.51013 (13121117)   49.76402 (13121117)   50.93187 (13121117)   51.99712 (13121117)
58.16480 (13121117)
 4191405.2 | 52.53441 (13121117)   58.77930 (13121117)   60.07788 (13121117)   61.15771 (13121117)
62.48080 (13121117)
 4191385.2 | 56.15276 (13121117)   56.89991 (13121117)   57.52926 (13121117)   58.04411 (13121117)
58.38994 (13121117)
 4191365.2 | 59.11870 (13121117)   59.59565 (13121117)   59.93736 (13121117)   60.14765 (13121117)
60.23063 (13121117)
 4191345.2 | 67.96998 (13121117)   68.11946 (13121117)   68.10921 (13121117)   67.94914 (13121117)
67.64867 (13121117)
 4191325.2 | 69.64037 (13121117)   69.39884 (13121117)   69.01776 (13121117)   68.50650 (13121117)
67.87343 (13121117)
 4191305.2 | 70.75976 (13121117)   70.16594 (13121117)   69.09491 (13121117)   67.73956 (13121117)
66.82162 (13121117)
 4191285.2 | 70.98880 (13121117)   70.06644 (13121117)   68.63006 (13121117)   61.94142 (13121117)
60.91990 (13121117)
 4191265.2 | 70.11197 (13121117)   69.04582 (13121117)   67.78042 (13121117)   68.04415 (13012308)
68.49709 (13012308)
 4191245.2 | 69.35977 (13012308)   70.17884 (13012308)   70.93091 (13012308)   71.47522 (13012308)
71.68123 (13012308)
 4191225.2 | 72.58237 (13012308)   72.88383 (13012308)   73.30034 (13012308)   73.63095 (13012308)
73.62399 (13012308)
 4191205.2 | 75.00825 (13012308)   74.98765 (13012308)   74.71938 (13012308)   74.32137 (13012308)
73.96686 (13012308)
 4191185.2 | 76.31110 (13012308)   75.96357 (13012308)   75.25565 (13012308)   74.30275 (13012308)
73.63665 (13012308)
 4191165.2 | 76.40728 (13012308)   75.74064 (13012308)   74.97227 (13012308)   74.10393 (13012308)
73.13798 (13012308)
 4191145.2 | 76.28858 (13012308)   75.31319 (13012308)   74.23875 (13012308)   72.93886 (13012308)
64.89952 (13010717)
 4191125.2 | 74.79279 (13012308)   73.53034 (13012308)   72.17580 (13012308)   66.27670 (13010717)
65.95966 (13010717)
 4191105.2 | 68.47623 (13010717)   68.02820 (13010717)   67.50863 (13010717)   66.91973 (13010717)
66.26407 (13010717)
 4191085.2 | 68.99994 (13010717)   68.30267 (13010717)   67.53854 (13010717)   66.71078 (13010717)
65.82290 (13010717)
 4191065.2 | 68.76362 (13010717)   67.82239 (13010717)   66.82195 (13010717)   65.76659 (13010717)
64.66075 (13010717)
 4191045.2 | 67.75577 (13010717)   66.58438 (13010717)   65.36480 (13010717)   64.10221 (13010717)
62.80173 (13010717)
 4191025.2 | 72.25657 (13010717)   64.58785 (13010717)   63.19907 (13010717)   61.75942 (13010717)
60.29683 (13010717)
 4191005.2 | 63.38500 (13010717)   61.93158 (13010717)   60.38710 (13010717)   58.80946 (13010717)
57.22512 (13010717)
 4190985.2 | 60.37167 (13010717)   58.69668 (13010717)   57.02165 (13010717)   55.35154 (13010717)
53.69091 (13010717)
 4190965.2 | 56.82968 (13010717)   55.07143 (13010717)   53.28569 (13010717)   51.52264 (13010717)
49.90150 (13010717)
 4190945.2 | 52.79478 (13010717)   51.00908 (13010717)   49.21837 (13010717)   47.47663 (13010717)
45.84362 (13010717)
 4190925.2 | 48.45953 (13010717)   46.69743 (13010717)   44.97901 (13010717)   43.30567 (13010717)
41.67845 (13010717)
 4190905.2 | 44.01805 (13010717)   42.32127 (13010717)   41.04186 (14091907)   40.87065 (14091907)
40.69148 (14091907)
 4190885.2 | 42.64474 (14091907)   42.41201 (14091907)   42.17205 (14091907)   41.92515 (14091907)
41.67160 (14091907)
 4190865.2 | 43.54500 (14091907)   43.24759 (14091907)   42.93164 (14091907)   42.61064 (14091907)
42.28498 (14091907)
 4190845.2 | 44.12982 (14091907)   43.78850 (14091907)   43.40581 (14091907)   43.01281 (14091907)
42.61774 (14091907)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                         *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: DREDG
***
                             INCLUDING SOURCE(S):   L0000587   , L0000588   , L0000589   , L0000590   ,
L0000591   ,
               L0000592   , L0000593   , L0000594   , L0000595   , L0000596   , L0000597   , L0000598   ,
L0000599   ,
               L0000600   , L0000601   , L0000602   , L0000603   , L0000604   , L0000605   , L0000606   ,
L0000607   ,
               L0000608   , L0000609   , L0000610   , L0000611   , L0000612   , L0000613   , L0000614   ,
. . .   ,

                              *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                   ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 561117.30   561137.30   561157.30   561177.30
561197.30
 -
- - - - - - - -

 4190825.2 | 44.26262 (14091907)   43.83535 (14091907)   43.38704 (14091907)   42.93358 (14091907)
42.48078 (14091907)
 4190805.2 | 43.95830 (14091907)   43.45114 (14091907)   42.94692 (14091907)   42.44579 (14091907)
41.94793 (14091907)
 4190785.2 | 43.24812 (14091907)   42.70123 (14091907)   42.15980 (14091907)   41.62385 (14091907)
41.09342 (14091907)
 4190765.2 | 42.21277 (14091907)   41.63981 (14091907)   41.07431 (14091907)   40.51618 (14091907)
39.96536 (14091907)
 4190745.2 | 40.90951 (14091907)   40.32296 (14091907)   39.74530 (14091907)   39.17640 (14091907)
38.61608 (14091907)
 4190725.2 | 39.50748 (13020407)   39.13687 (13020407)   38.77321 (13020407)   38.41625 (13020407)
38.06578 (13020407)
 4190705.2 | 39.56309 (13020407)   39.17817 (13020407)   38.80075 (13020407)   38.43052 (13020407)
38.06726 (13020407)
 4190685.2 | 39.34974 (13020407)   38.95733 (13020407)   38.57266 (13020407)   38.19542 (13020407)
37.82536 (13020407)
 4190665.2 | 38.90362 (13020407)   38.50956 (13020407)   38.12322 (13020407)   37.74428 (13020407)
37.37249 (13020407)
 4190645.2 | 38.65110 (13121617)   38.26667 (13121617)   37.89043 (13121617)   37.52210 (13121617)
37.16141 (13121617)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                         *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: DREDG
***
                             INCLUDING SOURCE(S):   L0000587   , L0000588   , L0000589   , L0000590   ,
L0000591   ,
               L0000592   , L0000593   , L0000594   , L0000595   , L0000596   , L0000597   , L0000598   ,
L0000599   ,
               L0000600   , L0000601   , L0000602   , L0000603   , L0000604   , L0000605   , L0000606   ,
L0000607   ,
               L0000608   , L0000609   , L0000610   , L0000611   , L0000612   , L0000613   , L0000614   ,
. . .   ,

                              *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                   ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 561217.30   561237.30   561257.30   561277.30
561297.30
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 4191625.2 | 47.10618 (13011717)   46.30205 (13011717)   45.39794 (13011717)   44.39929 (13011717)
43.31180 (13011717)
 4191605.2 | 46.47306 (13011717)   45.48518 (13011717)   44.40470 (13011717)   43.23761 (13011717)
41.99015 (13011717)
 4191585.2 | 45.52519 (13011717)   44.36244 (13011717)   43.11556 (13011717)   41.79102 (13011717)
40.39568 (13011717)
 4191565.2 | 44.27157 (13011717)   42.94490 (13011717)   41.54346 (13011717)   40.07435 (13011717)
38.73480 (13011617)
 4191545.2 | 42.72505 (13011717)   41.24698 (13011717)   39.70454 (13011717)   38.44367 (13011617)
38.26638 (17122817)
 4191525.2 | 40.90119 (13011717)   39.42670 (13011617)   39.24073 (17122817)   40.27344 (17122817)
41.20749 (17122817)
 4191505.2 | 40.25715 (17122817)   41.30507 (17122817)   42.24823 (17122817)   43.08295 (17122817)
44.26081 (13121117)
 4191485.2 | 43.35369 (17122817)   44.34097 (13121117)   45.57008 (13121117)   46.71607 (13121117)
47.77614 (13121117)
 4191465.2 | 46.96305 (13121117)   48.17959 (13121117)   49.17263 (13121117)   50.08858 (13121117)
50.92059 (13121117)
 4191445.2 | 50.54376 (13121117)   51.44831 (13121117)   57.57417 (13121117)   58.71904 (13121117)
59.72863 (13121117)
 4191425.2 | 59.33463 (13121117)   60.30297 (13121117)   61.27515 (13121117)   62.17255 (13121117)
62.67480 (13121117)
 4191405.2 | 63.02683 (13121117)   63.30489 (13121117)   64.07838 (13121117)   64.44061 (13121117)
64.42742 (13121117)
 4191385.2 | 65.09654 (13121117)   65.65802 (13121117)   64.85392 (13121117)   64.42302 (13121117)
58.47208 (13121117)
 4191365.2 | 66.25899 (13121117)   66.43109 (13121117)   59.77841 (13121117)   59.44981 (13121117)
58.96130 (13121117)
 4191345.2 | 61.03469 (13121117)   60.68864 (13121117)   60.13824 (13121117)   59.48682 (13121117)
58.73923 (13121117)
 4191325.2 | 61.23607 (13121117)   60.61909 (13121117)   59.80595 (13121117)   58.90142 (13121117)
57.91059 (13121117)
 4191305.2 | 60.78795 (13121117)   59.85820 (13121117)   58.83839 (13121117)   57.71667 (13121117)
57.80028 (13012308)
 4191285.2 | 59.71420 (13121117)   65.17741 (13012308)   59.57566 (13012308)   59.87973 (13012308)
60.03751 (13012308)
 4191265.2 | 68.32088 (13012308)   61.59611 (13012308)   68.82050 (13012308)   68.29883 (13012308)
61.64761 (13012308)
 4191245.2 | 71.15964 (13012308)   69.76263 (13012308)   71.31058 (13012308)   71.00040 (13012308)
70.19459 (13012308)
 4191225.2 | 72.97193 (13012308)   72.14311 (13012308)   72.78295 (13012308)   72.57422 (13012308)
71.98185 (13012308)
 4191205.2 | 73.50806 (13012308)   73.11505 (13012308)   72.76965 (13012308)   72.48198 (13012308)
71.99918 (13012308)
 4191185.2 | 73.25406 (13012308)   72.75003 (13012308)   72.19314 (13012308)   71.66820 (13012308)
70.79058 (13012308)
 4191165.2 | 72.07745 (13012308)   71.27538 (13012308)   71.05453 (13012308)   69.95840 (13012308)
69.41864 (13010717)
 4191145.2 | 70.00108 (13010717)   70.57441 (13010717)   70.92469 (13010717)   70.51442 (13010717)
69.80765 (13010717)
 4191125.2 | 65.38018 (13010717)   71.28443 (13010717)   71.14776 (13010717)   70.28249 (13010717)
68.97968 (13010717)
 4191105.2 | 65.45289 (13010717)   70.95229 (13010717)   63.88429 (13010717)   63.03491 (13010717)
62.09338 (13010717)
 4191085.2 | 64.85697 (13010717)   63.81784 (13010717)   62.81720 (13010717)   61.74886 (13010717)
60.63914 (13010717)
 4191065.2 | 63.50905 (13010717)   62.31618 (13010717)   61.08687 (13010717)   59.82585 (13010717)
58.55531 (13010717)
 4191045.2 | 61.46851 (13010717)   60.10763 (13010717)   58.72404 (13010717)   57.32258 (13010717)
55.94043 (13010717)
 4191025.2 | 58.81656 (13010717)   57.32364 (13010717)   55.82288 (13010717)   54.36576 (13010717)
52.91528 (13010717)
 4191005.2 | 55.67283 (13010717)   54.11855 (13010717)   52.53905 (13010717)   51.00972 (13010717)
49.48814 (13010717)
 4190985.2 | 52.11868 (13010717)   50.54772 (13010717)   48.93168 (13010717)   47.33962 (13010717)
45.77412 (13010717)
 4190965.2 | 48.25835 (13010717)   46.64155 (13010717)   45.03451 (13010717)   43.46201 (13010717)

41.92564 (13010717)
 4190945.2 | 44.23030 (13010717)   42.63498 (13010717)   41.05550 (13010717)   39.52788 (13010717)
38.53875 (14122717)
 4190925.2 | 40.13089 (13010717)   39.59303 (14122717)   39.12667 (14122717)   38.84998 (14091907)
38.70352 (14091907)
 4190905.2 | 40.48062 (14091907)   40.26212 (14091907)   40.09716 (14091907)   39.89964 (14091907)
39.68416 (14091907)
 4190885.2 | 41.39987 (14091907)   41.12242 (14091907)   40.86293 (14091907)   40.59713 (14091907)
40.31503 (14091907)
 4190865.2 | 41.99731 (14091907)   41.68965 (14091907)   41.29386 (14091907)   40.93199 (14091907)
40.57788 (14091907)
 4190845.2 | 42.18281 (14091907)   41.73090 (14091907)   41.31398 (14091907)   40.82684 (14091907)
40.38110 (14091907)

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: DREDG
***
                               INCLUDING SOURCE(S):   L0000587   , L0000588   , L0000589   , L0000590   ,
L0000591   ,
                L0000592   , L0000593   , L0000594   , L0000595   , L0000596   , L0000597   , L0000598   ,
L0000599   ,
                L0000600   , L0000601   , L0000602   , L0000603   , L0000604   , L0000605   , L0000606   ,
L0000607   ,
                L0000608   , L0000609   , L0000610   , L0000611   , L0000612   , L0000613   , L0000614   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 561217.30   561237.30   561257.30   561277.30
561297.30
 -
- - - - - - - -

 4190825.2 | 41.99497 (14091907)   41.49300 (14091907)   41.00114 (14091907)   40.47248 (14091907)
39.97239 (14091907)
 4190805.2 | 41.45344 (14091907)   40.94806 (14091907)   40.37121 (14091907)   39.85476 (14091907)
39.36016 (14091907)
 4190785.2 | 40.56852 (14091907)   40.03551 (14091907)   39.43691 (14091907)   38.89769 (14091907)
38.39918 (14091907)
 4190765.2 | 39.42177 (14091907)   38.87701 (14091907)   38.28567 (14091907)   37.72852 (14091907)
37.20862 (14091907)
 4190745.2 | 38.06423 (14091907)   37.51692 (14091907)   36.94968 (14091907)   36.42932 (13020407)
36.08010 (13020407)
 4190725.2 | 37.72158 (13020407)   37.38343 (13020407)   37.04136 (13020407)   36.65714 (13020407)
36.24742 (13020407)
 4190705.2 | 37.71070 (13020407)   37.36063 (13020407)   37.01682 (13020407)   36.64757 (13020407)
36.25123 (13020407)
 4190685.2 | 37.46220 (13020407)   37.10571 (13020407)   36.75566 (13020407)   36.41182 (13020407)
36.06040 (13020407)
 4190665.2 | 37.00760 (13020407)   36.64936 (13020407)   36.29753 (13020407)   35.95192 (13020407)
35.60385 (13020407)
 4190645.2 | 36.80812 (13121617)   36.46191 (13121617)   36.12261 (13121617)   35.78999 (13121617)
35.45884 (13121617)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: DREDG ***

INCLUDING SOURCE(S): L0000587 , L0000588 , L0000589 , L0000590 , L0000591 ,
L0000592 , L0000593 , L0000594 , L0000595 , L0000596 , L0000597 , L0000598 , L0000599 ,
L0000600 , L0000601 , L0000602 , L0000603 , L0000604 , L0000605 , L0000606 , L0000607 ,
L0000608 , L0000609 , L0000610 , L0000611 , L0000612 , L0000613 , L0000614 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	561317.30	561337.30	561357.30	561377.30	561397.30
4191625.2	42.14146 (13011717)	40.82903 (13011717)	41.67577 (13011717)	40.19185 (13011717)	38.64473 (13011717)
4191605.2	40.66893 (13011717)	39.21692 (13011717)	39.74562 (13011717)	38.14877 (13011617)	36.90136 (17122817)
4191585.2	38.97563 (13011617)	37.74095 (13011617)	37.82505 (17122817)	39.16456 (17122817)	40.40437 (17122817)
4191565.2	37.48929 (13011617)	37.28745 (17122817)	41.40871 (17122817)	42.55184 (17122817)	43.57378 (17122817)
4191545.2	39.28354 (17122817)	40.15913 (17122817)	44.63124 (17122817)	45.52342 (17122817)	46.75478 (13121117)
4191525.2	42.03906 (17122817)	42.96015 (13121117)	48.11277 (13121117)	49.48295 (13121117)	50.73430 (13121117)
4191505.2	45.40692 (13121117)	46.39696 (13121117)	52.15301 (13121117)	53.27226 (13121117)	54.25791 (13121117)
4191485.2	48.69426 (13121117)	49.51951 (13121117)	55.45441 (13121117)	56.42072 (13121117)	57.20663 (13121117)
4191465.2	57.02393 (13121117)	52.23325 (13121117)	52.80456 (13121117)	58.91581 (13121117)	59.49394 (13121117)
4191445.2	54.08907 (13121117)	54.50723 (13121117)	54.77918 (13121117)	60.78170 (13121117)	61.06963 (13121117)
4191425.2	61.91693 (13121117)	56.15520 (13121117)	56.13186 (13121117)	62.04045 (13121117)	61.91797 (13121117)
4191405.2	63.86335 (13121117)	63.42729 (13121117)	63.08563 (13121117)	62.62489 (13121117)	62.05108 (13121117)
4191385.2	58.18368 (13121117)	57.75486 (13121117)	57.22654 (13121117)	56.60322 (13121117)	60.98109 (13121117)
4191365.2	58.37238 (13121117)	57.68772 (13121117)	56.91212 (13121117)	56.05048 (13121117)	55.02817 (13121117)
4191345.2	57.90038 (13121117)	56.97529 (13121117)	55.96911 (13121117)	54.88715 (13121117)	54.58988 (13012308)
4191325.2	56.83867 (13121117)	56.00442 (13012308)	56.37419 (13012308)	56.65791 (13012308)	56.77533 (13012308)
4191305.2	58.11210 (13012308)	58.33541 (13012308)	58.47163 (13012308)	58.52238 (13012308)	58.44025 (13012308)
4191285.2	60.10624 (13012308)	60.08775 (13012308)	59.98408 (13012308)	59.79742 (13012308)	59.53019 (13012308)
4191265.2	67.91675 (13012308)	61.15155 (13012308)	60.87950 (13012308)	60.45635 (13012308)	59.95749 (13012308)
4191245.2	69.91646 (13012308)	68.55271 (13012308)	61.14037 (13012308)	60.48672 (13012308)	59.73103 (13012308)
4191225.2	70.86314 (13012308)	69.10641 (13012308)	60.76307 (13012308)	59.89008 (13012308)	58.87280 (13012308)
4191205.2	70.70956 (13012308)	68.59028 (13012308)	59.75801 (13012308)	59.48597 (13010717)	59.20729 (13010717)
4191185.2	69.37098 (13012308)	67.26066 (13010717)	60.75799 (13010717)	60.47685 (13010717)	60.01079 (13010717)
4191165.2	69.23409 (13010717)	68.34681 (13010717)	61.29691 (13010717)	60.86655 (13010717)	

60.23261 (13010717)
 4191145.2 | 69.55052 (13010717)   68.38822 (13010717)   61.19175 (13010717)   60.62083 (13010717)
59.79406 (13010717)
 4191125.2 | 68.66923 (13010717)   67.39762 (13010717)   60.44445 (13010717)   59.68706 (13010717)
58.69351 (13010717)
 4191105.2 | 61.10573 (13010717)   60.07596 (13010717)   59.05850 (13010717)   58.12672 (13010717)
56.98681 (13010717)
 4191085.2 | 59.55786 (13010717)   58.32931 (13010717)   57.09096 (13010717)   56.00963 (13010717)
54.76834 (13010717)
 4191065.2 | 57.35122 (13010717)   56.00392 (13010717)   54.64384 (13010717)   53.41057 (13010717)
52.06920 (13010717)
 4191045.2 | 54.60038 (13010717)   53.19134 (13010717)   51.76749 (13010717)   50.40090 (13010717)
48.98746 (13010717)
 4191025.2 | 51.43639 (13010717)   49.95184 (13010717)   48.47797 (13010717)   47.06858 (13010717)
45.62786 (13010717)
 4191005.2 | 47.94819 (13010717)   46.42893 (13010717)   44.94216 (13010717)   43.52537 (13010717)
42.09135 (13010717)
 4190985.2 | 44.23744 (13010717)   42.73150 (13010717)   41.26621 (13010717)   39.87435 (13010717)
38.47733 (13010717)
 4190965.2 | 40.42667 (13010717)   38.96610 (13010717)   37.56677 (14122717)   37.29572 (14122717)
36.97261 (14122717)
 4190945.2 | 38.17189 (14122717)   37.79327 (14122717)   37.41187 (14122717)   37.06467 (14091907)
36.95857 (14091907)
 4190925.2 | 38.54932 (14091907)   38.38762 (14091907)   38.22826 (14091907)   38.11023 (14091907)
37.93971 (14091907)
 4190905.2 | 39.46219 (14091907)   39.23404 (14091907)   38.99997 (14091907)   38.77884 (14091907)
38.56637 (14091907)
 4190885.2 | 40.02816 (14091907)   39.73686 (14091907)   39.44140 (14091907)   39.14211 (14091907)
38.88200 (14091907)
 4190865.2 | 40.24204 (14091907)   39.89333 (14091907)   39.54251 (14091907)   39.18986 (14091907)
38.87746 (14091907)
 4190845.2 | 40.13924 (14091907)   39.74881 (14091907)   39.31482 (14091907)   38.91693 (14091907)
38.55999 (14091907)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: DREDG
***
                               INCLUDING SOURCE(S):   L0000587   , L0000588   , L0000589   , L0000590   ,
L0000591   ,
               L0000592   , L0000593   , L0000594   , L0000595   , L0000596   , L0000597   , L0000598   ,
L0000599   ,
               L0000600   , L0000601   , L0000602   , L0000603   , L0000604   , L0000605   , L0000606   ,
L0000607   ,
               L0000608   , L0000609   , L0000610   , L0000611   , L0000612   , L0000613   , L0000614   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 561317.30   561337.30   561357.30   561377.30
561397.30
 -
- - - - - - - -

 4190825.2 | 39.61592 (14091907)   39.20832 (14091907)   38.78153 (14091907)   38.34769 (14091907)
37.95506 (14091907)
 4190805.2 | 38.74416 (14091907)   38.32880 (14091907)   37.96693 (14091907)   37.50714 (14091907)
37.08943 (14091907)
 4190785.2 | 37.91448 (14091907)   37.33423 (14091907)   38.54517 (14091907)   36.37114 (14091907)
35.97257 (14091907)
 4190765.2 | 36.75191 (14091907)   36.17290 (14091907)   37.23044 (14091907)   35.08959 (14091907)

34.68876 (14091907)
 4190745.2 | 35.83720 (13020407)   35.51885 (13020407)   35.16417 (13020407)   34.74065 (13020407)
34.52762 (13020407)
 4190725.2 | 35.84427 (13020407)   35.48965 (13020407)   35.19124 (13020407)   34.95712 (13020407)
34.68780 (13020407)
 4190705.2 | 35.79611 (13020407)   37.10642 (13020407)   36.80242 (13020407)   34.87698 (13020407)
34.59695 (13020407)
 4190685.2 | 35.64336 (13020407)   35.19225 (13020407)   36.50361 (13020407)   34.53285 (13020407)
34.29210 (13020407)
 4190665.2 | 35.22697 (13020407)   34.83338 (13020407)   34.43918 (13020407)   34.03876 (13020407)
33.76679 (13020407)
 4190645.2 | 35.11635 (13121617)   34.74392 (13121617)   34.34986 (13121617)   33.95532 (13121617)
33.65186 (13121617)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: DREDG
***
                               INCLUDING SOURCE(S):   L0000587   , L0000588   , L0000589   , L0000590   ,
L0000591   ,
                L0000592   , L0000593   , L0000594   , L0000595   , L0000596   , L0000597   , L0000598   ,
L0000599   ,
                L0000600   , L0000601   , L0000602   , L0000603   , L0000604   , L0000605   , L0000606   ,
L0000607   ,
                L0000608   , L0000609   , L0000610   , L0000611   , L0000612   , L0000613   , L0000614   ,
. . .   ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC
(YYMMDDHH)
 -
- - - - - - - -
        560122.00   4190978.00   115.50541 (13121117)   560142.00   4190978.00   117.57539
(13121117)
        560162.00   4190978.00   118.52565 (13121117)   560182.00   4190978.00   118.59188
(13121117)
        560202.00   4190978.00   117.91788 (13121117)   560222.00   4190978.00   116.72721
(13121117)
        560242.00   4190978.00   115.13373 (13121117)   560262.00   4190978.00   113.34874
(13121117)
        560102.00   4190998.00   112.79742 (13011717)   560122.00   4190998.00   109.38528
(13011717)
        560142.00   4190998.00   104.99939 (13011717)   560162.00   4190998.00   107.69858
(13121117)
        560182.00   4190998.00   110.08488 (13121117)   560202.00   4190998.00   111.50708
(13121117)
        560222.00   4190998.00   112.12103 (13121117)   560242.00   4190998.00   112.06874
(13121117)
        560262.00   4190998.00   111.47722 (13121117)   560282.00   4190998.00   110.39440
(13121117)
        560302.00   4190998.00   108.89071 (13121117)   560322.00   4190998.00   107.32591
(13121117)
        560102.00   4191018.00   110.87538 (13011717)   560122.00   4191018.00   109.73506
(13011717)
        560142.00   4191018.00   106.95686 (13011717)   560162.00   4191018.00   103.40147
(13011717)
        560182.00   4191018.00   99.50151 (13011717)   560202.00   4191018.00   100.64277
(13121117)
        560222.00   4191018.00   103.29810 (13121117)   560242.00   4191018.00   105.08886
(13121117)
        560262.00   4191018.00   106.12281 (13121117)   560282.00   4191018.00   106.51098

(13121117)
560302.00 4191018.00 106.36148 (13121117) 560322.00 4191018.00 105.77652
(13121117)
560342.00 4191018.00 104.85057 (13121117) 560362.00 4191018.00 103.66831
(13121117)
560382.00 4191018.00 102.30278 (13121117) 560402.00 4191018.00 100.73979
(13121117)
560102.00 4191038.00 105.24488 (13011717) 560122.00 4191038.00 106.27343
(13011717)
560142.00 4191038.00 105.76732 (13011717) 560162.00 4191038.00 104.01980
(13011717)
560182.00 4191038.00 101.36042 (13011717) 560202.00 4191038.00 98.14112
(13011717)
560222.00 4191038.00 94.67849 (13011717) 560242.00 4191038.00 94.39532
(13121117)
560262.00 4191038.00 97.19832 (13121117) 560282.00 4191038.00 99.23790
(13121117)
560302.00 4191038.00 100.58618 (13121117) 560322.00 4191038.00 101.32658
(13121117)
560342.00 4191038.00 101.54657 (13121117) 560362.00 4191038.00 101.33285
(13121117)
560382.00 4191038.00 100.76776 (13121117) 560402.00 4191038.00 99.90607
(13121117)
560422.00 4191038.00 98.80497 (13121117) 560442.00 4191038.00 97.59902
(13121117)
560462.00 4191038.00 96.22727 (13121117) 560082.00 4191058.00 93.28192
(13011717)
560102.00 4191058.00 96.97377 (13011717) 560122.00 4191058.00 99.66864
(13011717)
560142.00 4191058.00 101.23784 (13011717) 560162.00 4191058.00 101.57016
(13011717)
560182.00 4191058.00 100.73311 (13011717) 560202.00 4191058.00 98.92826
(13011717)
560222.00 4191058.00 96.42588 (13011717) 560242.00 4191058.00 93.50534
(13011717)
560262.00 4191058.00 90.41391 (13011717) 560282.00 4191058.00 88.83308
(13121117)
560302.00 4191058.00 91.70385 (13121117) 560322.00 4191058.00 93.90548
(13121117)
560342.00 4191058.00 95.48423 (13121117) 560362.00 4191058.00 96.50081
(13121117)
560382.00 4191058.00 97.02366 (13121117) 560402.00 4191058.00 97.12390
(13121117)
560422.00 4191058.00 96.87125 (13121117) 560442.00 4191058.00 96.33103
(13121117)
560462.00 4191058.00 95.52078 (13121117) 560082.00 4191078.00 86.79494
(14012907)
560102.00 4191078.00 88.33989 (14012907) 560122.00 4191078.00 91.52942
(13011717)
560142.00 4191078.00 94.37459 (13011717) 560162.00 4191078.00 96.35815
(13011717)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: DREDG
***
INCLUDING SOURCE(S): L0000587 , L0000588 , L0000589 , L0000590 ,
L0000591 ,
L0000592 , L0000593 , L0000594 , L0000595 , L0000596 , L0000597 , L0000598 ,
L0000599 ,
L0000600 , L0000601 , L0000602 , L0000603 , L0000604 , L0000605 , L0000606 ,
L0000607 ,
L0000608 , L0000609 , L0000610 , L0000611 , L0000612 , L0000613 , L0000614 ,
. . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
560182.00	4191078.00	97.31774	(13011717)	560202.00	4191078.00	97.22804	(13011717)
560222.00	4191078.00	96.18886	(13011717)	560242.00	4191078.00	94.38592	(13011717)
560262.00	4191078.00	92.04431	(13011717)	560282.00	4191078.00	89.38751	(13011717)
560302.00	4191078.00	86.60867	(13011717)	560322.00	4191078.00	83.85358	(13011717)
560342.00	4191078.00	86.73812	(13121117)	560362.00	4191078.00	89.03918	(13121117)
560382.00	4191078.00	90.78318	(13121117)	560402.00	4191078.00	92.01286	(13121117)
560422.00	4191078.00	92.78036	(13121117)	560442.00	4191078.00	93.14262	(13121117)
560462.00	4191078.00	93.15740	(13121117)	560482.00	4191078.00	92.88037	(13121117)
560502.00	4191078.00	92.36265	(13121117)	560082.00	4191098.00	83.20078	(15012009)
560102.00	4191098.00	83.24771	(14012907)	560122.00	4191098.00	84.69884	(14012907)
560142.00	4191098.00	86.60211	(13011717)	560162.00	4191098.00	89.48092	(13011717)
560182.00	4191098.00	91.71332	(13011717)	560202.00	4191098.00	93.11986	(13011717)
560222.00	4191098.00	93.61904	(13011717)	560242.00	4191098.00	93.23443	(13011717)
560262.00	4191098.00	92.07664	(13011717)	560282.00	4191098.00	90.31151	(13011717)
560302.00	4191098.00	88.12603	(13011717)	560322.00	4191098.00	85.69896	(13011717)
560342.00	4191098.00	83.18042	(13011717)	560362.00	4191098.00	80.67994	(13011717)
560382.00	4191098.00	82.23315	(13121117)	560402.00	4191098.00	84.58851	(13121117)
560422.00	4191098.00	86.44752	(13121117)	560442.00	4191098.00	87.83904	(13121117)
560462.00	4191098.00	88.80182	(13121117)	560482.00	4191098.00	89.38048	(13121117)
560502.00	4191098.00	89.62204	(13121117)	560522.00	4191098.00	89.53214	(13121117)
560062.00	4191118.00	81.10215	(15012009)	560082.00	4191118.00	81.45804	(15012009)
560102.00	4191118.00	80.54186	(15012009)	560122.00	4191118.00	79.85516	(14012907)
560142.00	4191118.00	81.34917	(14012907)	560162.00	4191118.00	82.13794	(13011717)
560182.00	4191118.00	84.97680	(13011717)	560202.00	4191118.00	87.33975	(13011717)
560222.00	4191118.00	89.05005	(13011717)	560242.00	4191118.00	89.99688	(13011717)
560262.00	4191118.00	90.15141	(13011717)	560282.00	4191118.00	89.56354	(13011717)
560302.00	4191118.00	88.34342	(13011717)	560322.00	4191118.00	86.63620	(13011717)
560342.00	4191118.00	84.59631	(13011717)	560362.00	4191118.00	82.36626	(13011717)
560382.00	4191118.00	80.06207	(13011717)	560402.00	4191118.00	77.76537	(13011717)
560422.00	4191118.00	78.13013	(13121117)	560442.00	4191118.00	80.50726	(13121117)

560462.00	4191118.00	82.44276	(13121117)	560482.00	4191118.00	83.95494	(13121117)
560502.00	4191118.00	85.07178	(13121117)	560522.00	4191118.00	85.74917	(13121117)
560062.00	4191138.00	78.07470	(15012009)	560082.00	4191138.00	79.06017	(15012009)
560102.00	4191138.00	79.04172	(15012009)	560122.00	4191138.00	77.87823	(15012009)
560142.00	4191138.00	76.73931	(14012907)	560162.00	4191138.00	78.25667	(14012907)
560182.00	4191138.00	79.02371	(14012907)	560202.00	4191138.00	80.83833	(13011717)
560222.00	4191138.00	83.24931	(13011717)	560242.00	4191138.00	85.15352	(13011717)
560262.00	4191138.00	86.42875	(13011717)	560282.00	4191138.00	87.01345	(13011717)
560302.00	4191138.00	86.91191	(13011717)	560322.00	4191138.00	86.18664	(13011717)
560342.00	4191138.00	84.94139	(13011717)	560362.00	4191138.00	83.30118	(13011717)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: DREDG ***
INCLUDING SOURCE(S): L0000587 , L0000588 , L0000589 , L0000590 , L0000591 ,
L0000592 , L0000593 , L0000594 , L0000595 , L0000596 , L0000597 , L0000598 , L0000599 ,
L0000600 , L0000601 , L0000602 , L0000603 , L0000604 , L0000605 , L0000606 , L0000607 ,
L0000608 , L0000609 , L0000610 , L0000611 , L0000612 , L0000613 , L0000614 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
560382.00	4191138.00	81.39272	(13011717)	560402.00	4191138.00	79.32913	(13011717)
560422.00	4191138.00	77.19964	(13011717)	560442.00	4191138.00	75.06474	(13011717)
560462.00	4191138.00	74.37873	(13121117)	560482.00	4191138.00	76.75418	(13121117)
560502.00	4191138.00	78.72702	(13121117)	560062.00	4191158.00	74.93955	(15012009)
560082.00	4191158.00	76.29086	(15012009)	560102.00	4191158.00	76.91566	(15012009)
560122.00	4191158.00	76.60060	(15012009)	560142.00	4191158.00	75.40286	(15012009)
560162.00	4191158.00	73.86552	(14012907)	560182.00	4191158.00	75.39197	(14012907)
560202.00	4191158.00	76.26161	(14012907)	560222.00	4191158.00	77.03587	(13011717)
560242.00	4191158.00	79.43884	(13011717)	560262.00	4191158.00	81.45472	(13011717)
560282.00	4191158.00	82.96141	(13011717)	560302.00	4191158.00	83.87925	(13011717)
560322.00	4191158.00	84.18084	(13011717)	560342.00	4191158.00	83.89040	(13011717)

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        560362.00   4191158.00       83.07458  (13011717)              560382.00   4191158.00       81.82778
(13011717)
        560402.00   4191158.00       80.25625  (13011717)              560422.00   4191158.00       78.46333
(13011717)
        560442.00   4191158.00       76.53845  (13011717)              560462.00   4191158.00       74.54999
(13011717)
        560482.00   4191158.00       72.54254  (13011717)              560502.00   4191158.00       70.77694
(13121117)
        560062.00   4191178.00       72.01386  (15012009)              560082.00   4191178.00       73.42999
(15012009)
        560102.00   4191178.00       74.40392  (15012009)              560122.00   4191178.00       74.72896
(15012009)
        560142.00   4191178.00       74.31511  (15012009)              560162.00   4191178.00       73.09555
(15012009)
        560182.00   4191178.00       71.20486  (14012907)              560202.00   4191178.00       72.72990
(14012907)
        560222.00   4191178.00       73.67735  (14012907)              560242.00   4191178.00       73.98913
(14012907)
        560322.00   4191178.00       80.79324  (13011717)              560342.00   4191178.00       81.42027
(13011717)
        560362.00   4191178.00       81.50166  (13011717)              560382.00   4191178.00       81.07271
(13011717)
        560402.00   4191178.00       80.19910  (13011717)              560422.00   4191178.00       78.96463
(13011717)
        560442.00   4191178.00       77.45868  (13011717)              560462.00   4191178.00       75.76508
(13011717)
        560482.00   4191178.00       73.95433  (13011717)              560502.00   4191178.00       71.77595
(13011717)
        560062.00   4191198.00       69.18517  (15012009)              560082.00   4191198.00       70.56468
(15012009)
        560102.00   4191198.00       71.70614  (15012009)              560122.00   4191198.00       72.46517
(15012009)
        560142.00   4191198.00       72.66565  (15012009)              560162.00   4191198.00       72.17086
(15012009)
        560182.00   4191198.00       70.93858  (15012009)              560202.00   4191198.00       69.03760
(15012009)
        560222.00   4191198.00       70.24883  (14012907)              560362.00   4191198.00       78.67041
(13011717)
        560382.00   4191198.00       79.06218  (13011717)              560402.00   4191198.00       78.97280
(13011717)
        560422.00   4191198.00       78.44269  (13011717)              560442.00   4191198.00       77.53359
(13011717)
        560462.00   4191198.00       76.31680  (13011717)              560482.00   4191198.00       74.86335
(13011717)
        560042.00   4191218.00       64.70076  (15012009)              560062.00   4191218.00       66.25781
(15012009)
        560082.00   4191218.00       67.68131  (15012009)              560102.00   4191218.00       68.95828
(15012009)
        560122.00   4191218.00       69.98743  (15012009)              560142.00   4191218.00       70.62392
(15012009)
        560162.00   4191218.00       70.71592  (15012009)              560182.00   4191218.00       70.15487
(15012009)
        560202.00   4191218.00       68.91636  (15012009)              560222.00   4191218.00       67.06740
(15012009)
        560342.00   4191218.00       73.40736  (13011717)              560362.00   4191218.00       74.88291
(13011717)
        560382.00   4191218.00       75.96229  (13011717)              560402.00   4191218.00       76.60729
(13011717)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

PAGE  1123
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

                            *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  DREDG
***
                                INCLUDING SOURCE(S):     L0000587    , L0000588    , L0000589    , L0000590    ,
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L0000591 ,
L0000592 , L0000593 , L0000594 , L0000595 , L0000596 , L0000597 , L0000598 ,
L0000599 ,
L0000600 , L0000601 , L0000602 , L0000603 , L0000604 , L0000605 , L0000606 ,
L0000607 ,
L0000608 , L0000609 , L0000610 , L0000611 , L0000612 , L0000613 , L0000614 ,
. . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
560422.00	4191218.00	76.80932	(13011717)	560442.00	4191218.00	76.58751	(13011717)
560462.00	4191218.00	75.94417	(13011717)	560482.00	4191218.00	74.91056	(13011717)
560082.00	4191238.00	64.88849	(15012009)	560102.00	4191238.00	66.23785	(15012009)
560122.00	4191238.00	67.42530	(15012009)	560142.00	4191238.00	68.34799	(15012009)
560162.00	4191238.00	68.87311	(15012009)	560182.00	4191238.00	68.87078	(15012009)
560202.00	4191238.00	68.25537	(15012009)	560222.00	4191238.00	67.01516	(15012009)
560342.00	4191238.00	68.71342	(13011717)	560362.00	4191238.00	70.53654	(13011717)
560382.00	4191238.00	72.09357	(13011717)	560402.00	4191238.00	73.31871	(13011717)
560422.00	4191238.00	74.16580	(13011717)	560442.00	4191238.00	74.61270	(13011717)
560462.00	4191238.00	74.58739	(13011717)	560182.00	4191258.00	67.20634	(15012009)
560202.00	4191258.00	67.12200	(15012009)	560322.00	4191258.00	65.50233	(14012907)
560342.00	4191258.00	65.74307	(14012907)	560362.00	4191258.00	66.00794	(13011717)
560382.00	4191258.00	67.82268	(13011717)	560402.00	4191258.00	69.42653	(13011717)
560422.00	4191258.00	70.75566	(13011717)	560442.00	4191258.00	71.75573	(13011717)
560462.00	4191258.00	72.29853	(13011717)	560322.00	4191278.00	62.91124	(14012907)
560342.00	4191278.00	63.64826	(14012907)	560362.00	4191278.00	63.97872	(14012907)
560382.00	4191278.00	63.89796	(14012907)	560402.00	4191278.00	65.26053	(13011717)
560422.00	4191278.00	66.88445	(13011717)	560442.00	4191278.00	68.21582	(13011717)
559982.00	4191298.00	48.88441	(15012009)	560002.00	4191298.00	50.66571	(15012009)
560022.00	4191298.00	52.34622	(15012009)	560042.00	4191298.00	53.97180	(15012009)
560062.00	4191298.00	55.54040	(15012009)	560302.00	4191298.00	60.24324	(15012009)
560322.00	4191298.00	59.98811	(14012907)	560342.00	4191298.00	61.10758	(14012907)
560362.00	4191298.00	61.88650	(14012907)	560382.00	4191298.00	62.29248	(14012907)
560402.00	4191298.00	62.31536	(14012907)	560422.00	4191298.00	62.84299	(13011717)
560442.00	4191298.00	64.33988	(13011717)	559962.00	4191318.00	44.72339	(15012009)
559982.00	4191318.00	46.48444	(15012009)	560002.00	4191318.00	48.18272	(15012009)
560022.00	4191318.00	49.85303	(15012009)	560042.00	4191318.00	51.48300	

(15012009)
560062.00 4191318.00 53.06338 (15012009) 560082.00 4191318.00 54.58778
(15012009)
560102.00 4191318.00 56.05157 (15012009) 560122.00 4191318.00 57.44923
(15012009)
560142.00 4191318.00 58.76932 (15012009) 560162.00 4191318.00 59.98735
(15012009)
560302.00 4191318.00 60.40372 (15012009) 560322.00 4191318.00 58.75336
(15012009)
560342.00 4191318.00 58.30895 (16120517) 560362.00 4191318.00 59.39895
(14012907)
560382.00 4191318.00 60.21070 (14012907) 560402.00 4191318.00 60.68011
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560422.00 4191318.00 60.79286 (14012907) 559962.00 4191338.00 42.41698
(15012009)
559982.00 4191338.00 44.12509 (15012009) 560002.00 4191338.00 45.79159
(15012009)
560022.00 4191338.00 47.44497 (15012009) 560042.00 4191338.00 49.07057
(15012009)
560062.00 4191338.00 50.65651 (15012009) 560082.00 4191338.00 52.19379
(15012009)
560102.00 4191338.00 53.67590 (15012009) 560122.00 4191338.00 55.09742
(15012009)
560142.00 4191338.00 56.45102 (15012009) 560162.00 4191338.00 57.72243
(15012009)
560182.00 4191338.00 58.88403 (15012009) 560202.00 4191338.00 59.88957
(15012009)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: DREDG
***
INCLUDING SOURCE(S): L0000587 , L0000588 , L0000589 , L0000590 ,
L0000591 ,
L0000592 , L0000593 , L0000594 , L0000595 , L0000596 , L0000597 , L0000598 ,
L0000599 ,
L0000600 , L0000601 , L0000602 , L0000603 , L0000604 , L0000605 , L0000606 ,
L0000607 ,
L0000608 , L0000609 , L0000610 , L0000611 , L0000612 , L0000613 , L0000614 ,
. . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M) Y-COORD (M) CONC (YYMMDDHH) X-COORD (M) Y-COORD (M) CONC
(YYMMDDHH)
- -
- - - - - - - -
560222.00 4191338.00 60.67365 (15012009) 560242.00 4191338.00 61.15878
(15012009)
560302.00 4191338.00 60.17449 (15012009) 560322.00 4191338.00 58.95588
(15012009)
560342.00 4191338.00 57.33502 (15012009) 560362.00 4191338.00 56.92218
(16120517)
560382.00 4191338.00 57.77802 (14012907) 560402.00 4191338.00 58.61502
(14012907)
560422.00 4191338.00 59.13754 (14012907) 559962.00 4191358.00 40.23924
(15012009)
559982.00 4191358.00 41.88133 (15012009) 560002.00 4191358.00 43.50266
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(15012009)
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(15012009)
560102.00 4191358.00 51.36026 (15012009) 560122.00 4191358.00 52.80175
(15012009)
560142.00 4191358.00 54.18228 (15012009) 560162.00 4191358.00 55.49263
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(15012009)
560222.00 4191358.00 58.76346 (15012009) 560242.00 4191358.00 59.47772
(15012009)
560262.00 4191358.00 59.89345 (15012009) 560282.00 4191358.00 59.94413
(15012009)
560302.00 4191358.00 59.58212 (15012009) 560322.00 4191358.00 58.78870
(15012009)
560342.00 4191358.00 57.57629 (15012009) 560362.00 4191358.00 55.98230
(15012009)
560382.00 4191358.00 55.56586 (16120517) 560402.00 4191358.00 56.19128
(14012907)
559962.00 4191378.00 39.11307 (14112517) 559982.00 4191378.00 39.75958
(15012009)
560002.00 4191378.00 41.32262 (15012009) 560022.00 4191378.00 42.90451
(15012009)
560042.00 4191378.00 44.48806 (15012009) 560062.00 4191378.00 46.05767
(15012009)
560082.00 4191378.00 47.59987 (15012009) 560102.00 4191378.00 49.10362
(15012009)
560122.00 4191378.00 50.56023 (15012009) 560142.00 4191378.00 51.96256
(15012009)
560162.00 4191378.00 53.30316 (15012009) 560182.00 4191378.00 54.57093
(15012009)
560202.00 4191378.00 55.74654 (15012009) 560222.00 4191378.00 56.79787
(15012009)
560242.00 4191378.00 57.67769 (15012009) 560262.00 4191378.00 58.32597
(15012009)
560282.00 4191378.00 58.67591 (15012009) 560302.00 4191378.00 58.66532
(15012009)
560322.00 4191378.00 58.26084 (15012009) 560342.00 4191378.00 57.44843
(15012009)
559982.00 4191398.00 38.75457 (14112517) 560002.00 4191398.00 39.25798
(15012009)
560022.00 4191398.00 40.78499 (15012009) 560042.00 4191398.00 42.32910
(15012009)
560062.00 4191398.00 43.87384 (15012009) 560082.00 4191398.00 45.40428
(15012009)
560102.00 4191398.00 46.90748 (15012009) 560122.00 4191398.00 48.37273
(15012009)
560142.00 4191398.00 49.79137 (15012009) 560162.00 4191398.00 51.15579
(15012009)
560182.00 4191398.00 52.45735 (15012009) 560202.00 4191398.00 53.68312
(15012009)
560222.00 4191398.00 54.81165 (15012009) 560242.00 4191398.00 55.80945
(15012009)
560262.00 4191398.00 56.62979 (15012009) 560282.00 4191398.00 57.18070
(15012009)
559982.00 4191418.00 37.85448 (14112517) 560002.00 4191418.00 38.12091
(14112517)
560022.00 4191418.00 38.76126 (15012009) 560042.00 4191418.00 40.26710
(15012009)
560062.00 4191418.00 41.77498 (15012009) 560082.00 4191418.00 43.28253
(15012009)
560102.00 4191418.00 44.77543 (15012009) 560122.00 4191418.00 46.24123
(15012009)
560142.00 4191418.00 47.66952 (15012009) 560162.00 4191418.00 49.05155
(15012009)
560182.00 4191418.00 50.37913 (15012009) 560202.00 4191418.00 51.64240
(15012009)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: DREDG
***
                                INCLUDING SOURCE(S):   L0000587   , L0000588   , L0000589   , L0000590   ,
L0000591   ,
                L0000592   , L0000593   , L0000594   , L0000595   , L0000596   , L0000597   , L0000598   ,
L0000599   ,
                L0000600   , L0000601   , L0000602   , L0000603   , L0000604   , L0000605   , L0000606   ,
L0000607   ,
                L0000608   , L0000609   , L0000610   , L0000611   , L0000612   , L0000613   , L0000614   ,
. . .   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                       ** CONC OF PM_10   IN MICROGRAMS/M**3   **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC
(YYMMDDHH)
 -
- - - - - - - -
        560222.00   4191418.00   52.82667 (15012009)   560242.00   4191418.00   53.90877
(15012009)
        560262.00   4191418.00   54.85430 (15012009)   560002.00   4191438.00   37.20727
(14112517)
        560022.00   4191438.00   37.30621 (14112517)   560042.00   4191438.00   38.30274
(15012009)
        560062.00   4191438.00   39.76776 (15012009)   560082.00   4191438.00   41.24083
(15012009)
        560102.00   4191438.00   42.71269 (15012009)   560122.00   4191438.00   44.16957
(15012009)
        560142.00   4191438.00   45.59947 (15012009)   560162.00   4191438.00   46.99218
(15012009)
        560182.00   4191438.00   48.33880 (15012009)   560202.00   4191438.00   49.63045
(15012009)
        560222.00   4191438.00   50.85607 (15012009)   560242.00   4191438.00   51.99936
(15012009)
        560262.00   4191438.00   53.03179 (15012009)   560042.00   4191458.00   36.58900
(13121308)
        560062.00   4191458.00   37.85305 (15012009)   560082.00   4191458.00   39.28584
(15012009)
        560102.00   4191458.00   40.72545 (15012009)   560122.00   4191458.00   42.16301
(15012009)
        560142.00   4191458.00   43.58528 (15012009)   560162.00   4191458.00   44.98065
(15012009)
        560182.00   4191458.00   46.33904 (15012009)   560202.00   4191458.00   47.65130
(15012009)
        560222.00   4191458.00   48.90783 (15012009)   560242.00   4191458.00   50.09636
(15012009)
        560262.00   4191458.00   51.13701 (15012009)   560142.00   4191478.00   41.57812
(15012009)
        560162.00   4191478.00   42.98243 (15012009)   560182.00   4191478.00   44.34283
(15012009)
        560202.00   4191478.00   45.69301 (15012009)   560222.00   4191478.00   46.98738
(15012009)
        560242.00   4191478.00   48.20948 (15012009)   560155.00   4190663.00   107.85436
(13010717)
        560175.00   4190663.00   101.23614 (13010717)   560115.00   4190683.00   135.88131
(13010717)
        560135.00   4190683.00   129.15014 (13010717)   560155.00   4190683.00   122.58150
(13010717)
        560175.00   4190683.00   115.56902 (13010717)   560095.00   4190703.00   147.34946
(13010717)
        560115.00   4190703.00   142.99121 (13010717)   560135.00   4190703.00   138.49563
(13010717)
        560155.00   4190703.00   133.51869 (13010717)   560175.00   4190703.00   127.39178
(13010717)

560095.00	4190723.00	145.21027	(13010717)	560115.00	4190723.00	142.96223	(13010717)
560135.00	4190723.00	140.82504	(13010717)	560155.00	4190723.00	138.13764	(13010717)
560175.00	4190723.00	133.93712	(13010717)	560195.00	4190723.00	129.26355	(13010717)
560095.00	4190743.00	142.86829	(13012308)	560115.00	4190743.00	140.52648	(13010717)
560135.00	4190743.00	139.17625	(13010717)	560155.00	4190743.00	137.81411	(13010717)
560175.00	4190743.00	135.23741	(13010717)	560195.00	4190743.00	132.24487	(13010717)
560075.00	4190763.00	146.58377	(13012308)	560095.00	4190763.00	143.18059	(13012308)
560115.00	4190763.00	140.01796	(13012308)	560135.00	4190763.00	137.72276	(13012308)
560155.00	4190763.00	135.68547	(13010717)	560175.00	4190763.00	133.73911	(13010717)
560195.00	4190763.00	131.70015	(13010717)	560215.00	4190763.00	129.47111	(13010717)
560075.00	4190783.00	143.61546	(13012308)	560095.00	4190783.00	141.60896	(13012308)
560115.00	4190783.00	139.21216	(13012308)	560135.00	4190783.00	137.27200	(13012308)
560155.00	4190783.00	135.43553	(13012308)	560175.00	4190783.00	132.81404	(13012308)
560195.00	4190783.00	130.14518	(13012308)	560215.00	4190783.00	127.86895	(13010717)
560235.00	4190783.00	126.10571	(13010717)	560075.00	4190803.00	139.39209	(14121317)
560095.00	4190803.00	137.72533	(13012308)	560115.00	4190803.00	136.33087	(13012308)
560135.00	4190803.00	135.23861	(13012308)	560155.00	4190803.00	134.03518	(13012308)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: DREDG ***
INCLUDING SOURCE(S): L0000587 , L0000588 , L0000589 , L0000590 , L0000591 ,
L0000592 , L0000593 , L0000594 , L0000595 , L0000596 , L0000597 , L0000598 , L0000599 ,
L0000600 , L0000601 , L0000602 , L0000603 , L0000604 , L0000605 , L0000606 , L0000607 ,
L0000608 , L0000609 , L0000610 , L0000611 , L0000612 , L0000613 , L0000614 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
560175.00	4190803.00	131.92687	(13012308)	560195.00	4190803.00	129.74148	(13012308)
560215.00	4190803.00	127.48339	(13012308)	560235.00	4190803.00	125.11334	(13012308)
560255.00	4190803.00	122.60166	(13012308)	560275.00	4190803.00	121.02894	(13010717)
560075.00	4190823.00	137.06434	(14121317)	560095.00	4190823.00	134.82216	(13012308)

```
       560115.00   4190823.00      133.21309  (13012308)              560135.00   4190823.00      132.02109
(13012308)
       560155.00   4190823.00      130.96026  (13012308)              560175.00   4190823.00      129.79549
(13012308)
       560195.00   4190823.00      128.24766  (13012308)              560215.00   4190823.00      126.46188
(13012308)
       560235.00   4190823.00      124.58888  (13012308)              560255.00   4190823.00      122.61518
(13012308)
       560275.00   4190823.00      120.50990  (13012308)              560295.00   4190823.00      118.23350
(13012308)
       560315.00   4190823.00      116.27310  (13010717)              560115.00   4190843.00      132.08911
(13012308)
       560135.00   4190843.00      130.08340  (13012308)              560155.00   4190843.00      128.54115
(13012308)
       560175.00   4190843.00      127.38752  (13012308)              560195.00   4190843.00      126.12380
(13012308)
       560215.00   4190843.00      124.73277  (13012308)              560235.00   4190843.00      123.19955
(13012308)
       560255.00   4190843.00      121.61345  (13012308)              560275.00   4190843.00      119.95366
(13012308)
       560295.00   4190843.00      118.19547  (13012308)              560315.00   4190843.00      116.30928
(13012308)
       560335.00   4190843.00      114.26388  (13012308)              560195.00   4190863.00      124.09916
(13012308)
       560215.00   4190863.00      123.01769  (13012308)              560235.00   4190863.00      121.54700
(13012308)
       560255.00   4190863.00      120.12579  (13012308)              560275.00   4190863.00      118.70988
(13012308)
       560295.00   4190863.00      117.26535  (13012308)              560315.00   4190863.00      115.76263
(13012308)
       560335.00   4190863.00      114.17286  (13012308)              560075.00   4190883.00      136.09933
(13121117)
       560095.00   4190883.00      132.94789  (13012308)              560115.00   4190883.00      130.87664
(13012308)
       560255.00   4190883.00      118.61969  (13012308)              560275.00   4190883.00      117.25181
(13012308)
       560295.00   4190883.00      115.93320  (13012308)              560315.00   4190883.00      114.62773
(13012308)
       560335.00   4190883.00      113.30351  (13012308)

 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

PAGE  1127
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

                           *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  HAUL1
***
                               INCLUDING SOURCE(S):     L0000570    , L0000571    , L0000572    ,

                                *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10    IN MICROGRAMS/M**3                         **

  Y-COORD  |                                              X-COORD (METERS)
  (METERS) |       559917.30              559937.30              559957.30              559977.30
559997.30
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

 4191625.2 |     92.69041 (14010207)     94.75028 (14010207)     96.63536 (14010207)     98.31929 (14010207)
99.85115 (14010207)
 4191605.2 |     94.73235 (16120108)     95.91063 (16120108)     96.89707 (16120108)     99.01305 (14010207)
101.34101 (14010207)
 4191585.2 |     96.19460 (16120108)     98.11867 (16120108)     99.89598 (16120108)    101.50494 (16120108)
102.96414 (16120108)
 4191565.2 |     95.30410 (16120108)     97.89902 (16120108)    100.40556 (16120108)    102.88198 (16120108)
```

105.48158 (16120108)
 4191545.2 | 92.46707 (17112007)   95.32500 (16120108)   98.48176 (16120108)   101.63558 (16120108)
105.01514 (16120108)
 4191525.2 | 94.14844 (13111607)   95.45307 (13111607)   97.15685 (17112007)   99.38531 (17112007)
101.70486 (17112007)
 4191505.2 | 96.95363 (13111607)   98.90644 (13111607)   100.61448 (13111607)   102.17106 (13111607)
103.69070 (13111607)
 4191485.2 | 97.30272 (13111607)   99.83192 (13111607)   102.16172 (13111607)   104.38632 (13111607)
106.55606 (13111607)
 4191465.2 | 95.62149 (14021807)   98.11438 (13111607)   100.95302 (13111607)   103.73896 (13111607)
106.52425 (13111607)
 4191445.2 | 97.20000 (16012008)   98.95924 (16012008)   100.90351 (14021807)   103.04952 (14021807)
105.17401 (14021807)
 4191425.2 | 98.33997 (16012008)   100.50532 (16012008)   102.59792 (16012008)   104.68413 (16012008)
106.85322 (16012008)
 4191405.2 | 96.84740 (16012008)   99.38256 (16012008)   101.75410 (16012008)   104.12887 (16012008)
106.77178 (16012008)
 4191385.2 | 94.38226 (16112108)   97.01105 (16112108)   99.34310 (16112108)   101.64800 (16112108)
104.21522 (16112108)
 4191365.2 | 90.88986 (13010507)   92.92122 (16112108)   95.53790 (16112108)   98.12621 (16112108)
101.00457 (16112108)
 4191345.2 | 93.11710 (13010507)   95.35140 (13010507)   97.24447 (13010507)   99.07363 (13010507)
101.16086 (13010507)
 4191325.2 | 92.31251 (13010507)   94.79110 (13010507)   96.95453 (13010507)   99.07872 (13010507)
101.48795 (13010507)
 4191305.2 | 95.03905 (15032507)   97.07167 (15032507)   98.99971 (15032507)   100.89667 (15032507)
102.84322 (15032507)
 4191285.2 | 97.80956 (15032507)   99.90415 (15032507)   102.25406 (15032507)   104.68314 (15032507)
106.73672 (15032507)
 4191265.2 | 100.35780 (14010308)   102.53219 (14010308)   104.83673 (14010308)   107.27979 (14010308)
109.60457 (14010308)
 4191245.2 | 100.38667 (14010308)   102.61870 (14010308)   104.93552 (14010308)   107.34174 (14010308)
109.84229 (14010308)
 4191225.2 | 97.49014 (14010308)   99.64806 (14010308)   101.88798 (14010308)   104.21435 (14010308)
106.63197 (14010308)
 4191205.2 | 98.93706 (14011008)   101.17581 (14011008)   103.49892 (14011008)   105.96134 (14011008)
108.72423 (14011008)
 4191185.2 | 100.04560 (13030108)   102.35927 (13030108)   104.86171 (13030108)   107.51112 (13030108)
110.31136 (13030108)
 4191165.2 | 100.69995 (13030108)   102.90626 (13030108)   105.39081 (13030108)   108.05163 (13030108)
110.51621 (13030108)
 4191145.2 | 98.82074 (13030108)   100.80932 (13030108)   103.16147 (16120107)   105.84675 (16120107)
108.71459 (16120107)
 4191125.2 | 99.49745 (16120107)   101.65570 (16120107)   103.86929 (16120107)   106.20958 (13122707)
109.23149 (13122707)
 4191105.2 | 99.97653 (13122707)   102.16451 (13122707)   104.40031 (13122707)   106.73521 (13122707)
109.42053 (13122707)
 4191085.2 | 98.70761 (13122707)   100.30754 (13122707)   102.08948 (13122707)   103.98338 (13122707)
106.94011 (17101307)
 4191065.2 | 98.13217 (17101307)   100.24713 (15012608)   102.87080 (15012608)   105.64412 (15012608)
108.76911 (15012608)
 4191045.2 | 99.46911 (15012608)   101.73455 (15012608)   104.01708 (15012608)   106.36309 (15012608)
109.01703 (15012608)
 4191025.2 | 98.68320 (15012608)   100.47737 (15012608)   102.25025 (15012608)   104.04475 (15012608)
106.09473 (15012608)
 4191005.2 | 95.31390 (15012608)   97.24043 (14010608)   100.06036 (14010608)   102.94950 (14010608)
106.13680 (14010608)
 4190985.2 | 96.89636 (14010608)   99.26187 (14010608)   101.60802 (14010608)   103.97271 (14010608)
106.58081 (14010608)
 4190965.2 | 96.88128 (14010608)   98.70027 (14010608)   100.45358 (14010608)   102.17626 (14010608)
104.08404 (14010608)
 4190945.2 | 94.43540 (14010608)   95.63195 (14010608)   96.72338 (14010608)   97.74230 (14010608)
99.51220 (14012007)
 4190925.2 | 90.59350 (14012007)   93.15817 (14012007)   95.63898 (14012007)   98.05842 (14012007)
100.61065 (14012007)
 4190905.2 | 91.69268 (14012007)   93.54041 (14012007)   95.47097 (14021508)   98.12918 (17113008)
101.71736 (17113008)
 4190885.2 | 92.15351 (17113008)   95.00444 (17113008)   97.75029 (17113008)   100.40860 (17113008)
103.04305 (17113008)

 4190865.2 | 93.92333 (17113008)   96.03590 (17113008)   97.96990 (17113008)   99.69717 (17113008)
101.18854 (17113008)
 4190845.2 | 93.11766 (17113008)   94.38868 (17113008)   95.42431 (17113008)   96.55251 (17102107)
99.12249 (17102107)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: HAUL1
***
                                INCLUDING SOURCE(S):   L0000570   , L0000571   , L0000572   ,

                                 *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                      ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 559917.30   559937.30   559957.30   559977.30
559997.30
 -
- - - - - - - -

 4190825.2 | 90.28899 (17102107)   92.60033 (17102107)   94.70486 (17102107)   96.56795 (17102107)
98.28688 (17102107)
 4190805.2 | 90.36952 (17102107)   91.82599 (17102107)   93.46544 (14112708)   96.63844 (14112708)
99.75405 (14112708)
 4190785.2 | 90.08853 (14112708)   92.94013 (14112708)   95.42065 (14112708)   97.59284 (14112708)
99.32650 (14112708)
 4190765.2 | 91.19494 (14112708)   93.06078 (14112708)   94.55167 (14112708)   96.56192 (14031107)
98.38326 (14031107)
 4190745.2 | 90.36091 (14031107)   92.10973 (14031107)   93.68949 (14031107)   95.28249 (13122808)
97.41355 (13122808)
 4190725.2 | 89.43504 (14031107)   91.13958 (13122808)   92.92515 (13122808)   98.88416 (17012607)
106.06115 (17012607)
 4190705.2 | 88.75978 (17012607)   95.36619 (17012607)   102.02513 (17012607)   108.65135 (17012607)
115.14682 (17012607)
 4190685.2 | 98.23106 (17012607)   104.37675 (17012607)   110.38868 (17012607)   116.16803 (17012607)
121.60688 (17012607)
 4190665.2 | 105.94938 (17012607)   111.30269 (17012607)   116.33560 (17012607)   120.94546 (17012607)
125.02562 (17012607)
 4190645.2 | 111.43860 (17012607)   115.71381 (17012607)   119.50074 (17012607)   122.70349 (17012607)
125.22800 (17012607)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: HAUL1
***
                                INCLUDING SOURCE(S):   L0000570   , L0000571   , L0000572   ,

                                 *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                      ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560017.30   560037.30   560057.30   560077.30
560097.30
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 4191625.2 | 101.09189 (14010207)   104.03999 (17122808)   106.96946 (17122808)   109.46781 (17122808)

111.59797 (17122808)
 4191605.2 | 103.47288 (14010207)   105.41968 (14010207)   107.23324 (14010207)   108.85876 (17122808)
112.22389 (17122808)
 4191585.2 | 104.16978 (16120108)   106.09947 (14010207)   108.74525 (14010207)   111.39607 (14010207)
113.78239 (14010207)
 4191565.2 | 107.60515 (16120108)   109.35402 (16120108)   110.85312 (16120108)   112.51381 (16120108)
114.57739 (14010207)
 4191545.2 | 107.90982 (16120108)   110.53867 (16120108)   113.06290 (16120108)   115.66931 (16120108)
118.16483 (16120108)
 4191525.2 | 105.11840 (16120108)   108.53891 (16120108)   112.06906 (16120108)   115.51969 (16120108)
118.86094 (16120108)
 4191505.2 | 105.02967 (13111607)   106.61584 (17112007)   109.19365 (17112007)   111.84101 (16120108)
116.00973 (16120108)
 4191485.2 | 108.65736 (13111607)   110.63717 (13111607)   112.34035 (13111607)   114.03650 (13111607)
115.69017 (13111607)
 4191465.2 | 109.26089 (13111607)   111.92818 (13111607)   113.98803 (13111607)   116.36806 (13111607)
118.90822 (13111607)
 4191445.2 | 107.13926 (14021807)   109.42999 (13111607)   112.52567 (13111607)   115.78859 (13111607)
119.11183 (13111607)
 4191425.2 | 108.86196 (16012008)   110.83336 (16012008)   112.93870 (16012008)   115.36927 (14021807)
118.00894 (14021807)
 4191405.2 | 109.44995 (16012008)   112.15879 (16012008)   114.89291 (16012008)   117.64604 (16012008)
120.41092 (16012008)
 4191385.2 | 106.92090 (16012008)   110.04916 (16012008)   113.25129 (16012008)   116.52502 (16012008)
119.86734 (16012008)
 4191365.2 | 103.96128 (16112108)   106.99978 (16112108)   110.11704 (16112108)   113.31488 (16112108)
116.59083 (16112108)
 4191345.2 | 103.29181 (13010507)   105.46593 (13010507)   107.68242 (13010507)   109.94022 (13010507)
112.23790 (13010507)
 4191325.2 | 103.97071 (13010507)   106.52897 (13010507)   109.16467 (13010507)   111.87968 (13010507)
114.67577 (13010507)
 4191305.2 | 104.89285 (15032507)   107.05613 (15032507)   109.28607 (15032507)   111.58239 (15032507)
113.94955 (15032507)
 4191285.2 | 109.03997 (15032507)   111.53173 (15032507)   114.11475 (15032507)   116.79051 (15032507)
119.56620 (15032507)
 4191265.2 | 112.06767 (14010308)   114.68373 (14010308)   117.40287 (14010308)   120.22978 (14010308)
123.16861 (14010308)
 4191245.2 | 112.44246 (14010308)   115.14792 (14010308)   117.96476 (14010308)   120.89840 (14010308)
123.95400 (14010308)
 4191225.2 | 109.14598 (14010308)   111.76189 (14010308)   114.48563 (14010308)   117.32238 (14010308)
120.27730 (14010308)
 4191205.2 | 111.39158 (14011008)   114.05849 (14011008)   116.59185 (14011008)   119.45834 (14011008)
122.50976 (14011008)
 4191185.2 | 113.06914 (13030108)   115.83178 (13030108)   118.52327 (13030108)   121.36003 (13030108)
124.36452 (13030108)
 4191165.2 | 113.06796 (13030108)   115.71094 (13030108)   118.44947 (13030108)   120.98530 (13030108)
123.56792 (13030108)
 4191145.2 | 111.48502 (16120107)   114.29679 (16120107)   117.20273 (16120107)   119.91480 (16120107)
122.66962 (16120107)
 4191125.2 | 112.09398 (13122707)   114.94581 (13122707)   117.88170 (13122707)   120.61398 (13122707)
123.37697 (13122707)
 4191105.2 | 111.91228 (13122707)   114.35762 (13122707)   116.84802 (13122707)   119.09703 (13122707)
121.33415 (13122707)
 4191085.2 | 109.80931 (17101307)   112.64199 (17101307)   115.52180 (17101307)   118.43792 (15012608)
121.63537 (15012608)
 4191065.2 | 111.70370 (15012608)   114.58973 (15012608)   117.51498 (15012608)   120.18686 (15012608)
122.83093 (15012608)
 4191045.2 | 111.43276 (15012608)   113.75051 (15012608)   116.05445 (15012608)   118.11288 (15012608)
119.97134 (15012608)
 4191025.2 | 107.86636 (15012608)   109.59668 (14010608)   113.04832 (14010608)   116.48290 (14010608)
119.81946 (14010608)
 4191005.2 | 109.10276 (14010608)   111.97342 (14010608)   114.96714 (14010608)   117.73957 (14010608)
120.34686 (14010608)
 4190985.2 | 108.90789 (14010608)   111.12526 (14010608)   113.52297 (14010608)   115.43656 (14010608)
116.96516 (14010608)
 4190965.2 | 105.66321 (14010608)   107.08068 (14010608)   108.61195 (14010608)   110.11246 (14012007)
113.47504 (14012007)
 4190945.2 | 102.65112 (14012007)   105.65449 (14012007)   108.57082 (14012007)   111.21819 (14012007)
113.64242 (14021508)

 4190925.2 | 102.99283 (14012007)   105.74815 (14021508)   109.34587 (17113008)   113.07391 (17113008)
116.65995 (17113008)
 4190905.2 | 105.19199 (17113008)   108.44430 (17113008)   111.34300 (17113008)   114.02483 (17113008)
116.45005 (17113008)
 4190885.2 | 105.64948 (17113008)   107.96375 (17113008)   109.75642 (17113008)   111.24488 (17113008)
112.48644 (17102107)
 4190865.2 | 102.81969 (17113008)   104.41406 (17102107)   107.32773 (17102107)   109.97065 (17102107)
112.29326 (17102107)
 4190845.2 | 101.85066 (17102107)   104.33711 (17102107)   106.10620 (17102107)   109.32247 (14112708)
113.01709 (14112708)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: HAUL1
***
                               INCLUDING SOURCE(S):   L0000570   , L0000571   , L0000572   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560017.30   560037.30   560057.30   560077.30
560097.30
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- - - - - - - -

 4190825.2 | 100.92424 (14112708)   104.56754 (14112708)   107.75757 (14112708)   110.58568 (14112708)
112.98872 (14112708)
 4190805.2 | 102.43904 (14112708)   104.76299 (14112708)   106.94412 (14112708)   109.48134 (14031107)
111.92450 (14031107)
 4190785.2 | 101.07842 (14031107)   103.53108 (14031107)   106.02182 (14031107)   108.25904 (13122808)
112.18613 (17012607)
 4190765.2 | 99.96826 (14031107)   102.36241 (13122808)   107.65991 (17012607)   116.40984 (17012607)
124.97029 (17012607)
 4190745.2 | 102.60790 (17012607)   110.59335 (17012607)   119.33259 (17012607)   127.34377 (17012607)
134.85402 (17012607)
 4190725.2 | 113.22150 (17012607)   120.42592 (17012607)   127.89789 (17012607)   134.83326 (17012607)
141.09340 (17012607)
 4190705.2 | 121.40138 (17012607)   127.38358 (17012607)   133.15586 (17012607)   138.65126 (17012607)
143.26445 (17012607)
 4190685.2 | 126.58995 (17012607)   130.99705 (17012607)   134.70616 (17012607)   138.43860 (17012607)
141.30702 (17012607)
 4190665.2 | 128.46813 (17012607)   131.16693 (17012607)   133.02159 (17012607)   134.75343 (17012607)
135.58190 (15011507)
 4190645.2 | 126.98515 (17012607)   127.89438 (17012607)   127.88735 (17012607)   131.77584 (15011507)
137.31342 (15121507)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: HAUL1
***
                               INCLUDING SOURCE(S):   L0000570   , L0000571   , L0000572   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)

(METERS)	560117.30	560137.30	560157.30	560177.30	560197.30
4191625.2	113.34788 (17122808)	116.79313 (15021108)	120.32812 (15021108)	123.48993 (15021108)	126.20912 (15021108)
4191605.2	115.23126 (17122808)	117.90031 (17122808)	120.17296 (17122808)	122.69113 (15021108)	126.82695 (15021108)
4191585.2	115.66772 (14010207)	117.61239 (17122808)	121.24551 (17122808)	124.54196 (17122808)	127.43551 (17122808)
4191565.2	117.81936 (14010207)	120.66554 (14010207)	123.17977 (14010207)	125.34850 (14010207)	127.67822 (17122808)
4191545.2	120.42387 (16120108)	122.37300 (16120108)	124.07509 (14010207)	127.60919 (14010207)	130.65007 (14010207)
4191525.2	122.06001 (16120108)	125.26148 (16120108)	128.28222 (16120108)	130.84851 (16120108)	132.88830 (16120108)
4191505.2	120.14204 (16120108)	124.10951 (16120108)	127.95765 (16120108)	131.76513 (16120108)	135.06314 (16120108)
4191485.2	117.38090 (17112007)	120.31004 (17112007)	123.47522 (16120108)	128.28405 (16120108)	132.81407 (16120108)
4191465.2	121.35819 (13111607)	123.69761 (13111607)	125.90437 (13111607)	127.95457 (13111607)	129.82034 (13111607)
4191445.2	122.42170 (13111607)	125.70132 (13111607)	128.93165 (13111607)	132.09134 (13111607)	135.15325 (13111607)
4191425.2	120.61684 (14021807)	123.50711 (13111607)	127.56640 (13111607)	131.65156 (13111607)	135.74025 (13111607)
4191405.2	123.17925 (16012008)	125.94151 (16012008)	128.68688 (16012008)	131.40314 (16012008)	134.55563 (14021807)
4191385.2	123.27438 (16012008)	126.74130 (16012008)	130.26216 (16012008)	133.82974 (16012008)	137.43544 (16012008)
4191365.2	119.94346 (16112108)	123.37158 (16112108)	127.20984 (16012008)	131.38428 (16012008)	135.67511 (16012008)
4191345.2	114.99448 (16112108)	118.82660 (16112108)	122.79111 (16112108)	126.88975 (16112108)	131.12372 (16112108)
4191325.2	117.55462 (13010507)	120.51772 (13010507)	123.56638 (13010507)	126.70166 (13010507)	129.92430 (13010507)
4191305.2	116.38984 (15032507)	119.02403 (13010507)	122.47007 (13010507)	126.04953 (13010507)	129.76800 (13010507)
4191285.2	122.44636 (15032507)	125.43561 (15032507)	128.54222 (15032507)	131.76824 (15032507)	135.12431 (15032507)
4191265.2	126.22945 (14010308)	129.41577 (14010308)	132.73850 (14010308)	136.20441 (14010308)	139.82230 (14010308)
4191245.2	127.14270 (14010308)	130.46904 (14010308)	133.94539 (14010308)	137.57986 (14010308)	141.38302 (14010308)
4191225.2	123.36122 (14010308)	126.57854 (14010308)	129.94146 (14010308)	133.45785 (14010308)	137.13818 (14010308)
4191205.2	125.69272 (14011008)	129.01503 (14011008)	132.48512 (14011008)	136.11211 (14011008)	139.90585 (14011008)
4191185.2	127.63552 (13030108)	131.04435 (13030108)	134.59900 (13030108)	138.30803 (13030108)	142.18067 (13030108)
4191165.2	126.58851 (13030108)	129.72218 (13030108)	132.97438 (13030108)	136.35084 (13030108)	139.85760 (13030108)
4191145.2	125.84319 (16120107)	129.12244 (16120107)	132.51045 (16120107)	136.01021 (16120107)	139.96054 (13122707)
4191125.2	126.54101 (13122707)	129.78876 (13122707)	133.12483 (13122707)	136.54604 (13122707)	140.05429 (13122707)
4191105.2	123.91840 (13122707)	126.53211 (13122707)	130.00643 (17101307)	133.82218 (17101307)	137.72402 (17101307)
4191085.2	125.22384 (15012608)	128.88998 (15012608)	132.62929 (15012608)	136.43610 (15012608)	140.30332 (15012608)
4191065.2	125.80672 (15012608)	128.79228 (15012608)	131.77749 (15012608)	134.75074 (15012608)	137.69872 (15012608)
4191045.2	122.14938 (15012608)	124.26980 (15012608)	127.83495 (14010608)	132.12061 (14010608)	136.44505 (14010608)
4191025.2	123.00624 (14010608)	126.42116 (14010608)	129.87972 (14010608)	133.29433 (14010608)	136.64230 (14010608)
4191005.2	122.60720 (14010608)	125.05114 (14010608)	127.51594 (14010608)	129.84465 (14010608)	132.01096 (14010608)

 4190985.2 | 118.27525 (14010608)   119.69031 (14010608)   121.10603 (14012007)   125.15294 (14012007)
129.05245 (14012007)
 4190965.2 | 116.48852 (14012007)   119.38150 (14012007)   122.09004 (14012007)   125.41558 (14021508)
130.42802 (17113008)
 4190945.2 | 117.14570 (17113008)   121.27769 (17113008)   125.28589 (17113008)   129.26528 (17113008)
133.12664 (17113008)
 4190925.2 | 120.05894 (17113008)   123.22269 (17113008)   126.10283 (17113008)   128.64228 (17113008)
130.78664 (17113008)
 4190905.2 | 118.57598 (17113008)   120.35385 (17113008)   121.74106 (17113008)   125.42499 (17102107)
128.79066 (17102107)
 4190885.2 | 115.77309 (17102107)   118.65977 (17102107)   121.20739 (17102107)   124.02042 (14112708)
128.76390 (14112708)
 4190865.2 | 114.24373 (17102107)   118.27245 (14112708)   122.08603 (14112708)   126.00950 (14112708)
128.98471 (14112708)
 4190845.2 | 116.38406 (14112708)   119.30607 (14112708)   121.70561 (14112708)   124.56207 (14031107)
127.45521 (14031107)

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: HAUL1
***
                                INCLUDING SOURCE(S):   L0000570   , L0000571   , L0000572   ,

                                 *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                      ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560117.30   560137.30   560157.30   560177.30
560197.30
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 4190825.2 | 115.21670 (14031107)   118.07281 (14031107)   120.39254 (14031107)   122.92739 (13122808)
131.73133 (17012607)
 4190805.2 | 113.91686 (14031107)   116.60098 (13122808)   126.03456 (17012607)   136.14520 (17012607)
146.19705 (17012607)
 4190785.2 | 121.44336 (17012607)   130.39368 (17012607)   139.14461 (17012607)   148.05600 (17012607)
156.50713 (17012607)
 4190765.2 | 133.43028 (17012607)   141.22767 (17012607)   148.47850 (17012607)   155.55474 (17012607)
161.80092 (17012607)
 4190745.2 | 141.95502 (17012607)   148.05695 (17012607)   153.29943 (17012607)   158.07349 (17012607)
161.72975 (17012607)
 4190725.2 | 146.38004 (17012607)   150.39211 (17012607)   153.30678 (17012607)   155.53933 (17012607)
156.48437 (17012607)
 4190705.2 | 146.44371 (17012607)   148.16703 (17012607)   148.65841 (17012607)   149.75091 (15011507)
155.08430 (15121507)
 4190685.2 | 142.27874 (17012607)   142.42119 (15011507)   146.72630 (15121507)   151.99324 (15121507)
155.47015 (15121507)
 4190665.2 | 139.63622 (15121507)   144.40795 (15121507)   148.01259 (15121507)   150.80040 (15121507)
151.63106 (15121507)
 4190645.2 | 141.36897 (15121507)   143.92249 (15121507)   145.14394 (15121507)   148.31526 (17122708)
152.41746 (17122708)

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: HAUL1
***
                                INCLUDING SOURCE(S):   L0000570   , L0000571   , L0000572   ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	560217.30	560237.30	560257.30	560277.30	560297.30
4191625.2	128.41526 (15021108)	130.03859 (15021108)	131.01199 (15021108)	131.27335 (15021108)	137.36115 (14122008)
4191605.2	130.58022 (15021108)	133.86951 (15021108)	136.61110 (15021108)	138.72090 (15021108)	140.11687 (15021108)
4191585.2	129.85821 (17122808)	133.78645 (15021108)	138.23400 (15021108)	142.19946 (15021108)	145.58330 (15021108)
4191565.2	131.51954 (17122808)	135.14882 (17122808)	138.29570 (17122808)	141.23652 (15021108)	146.50080 (15021108)
4191545.2	133.28770 (14010207)	135.76591 (14010207)	138.82178 (17122808)	143.32398 (17122808)	147.33987 (17122808)
4191525.2	134.52718 (16120108)	138.10938 (14010207)	141.84798 (14010207)	145.25505 (14010207)	148.12419 (14010207)
4191505.2	138.05971 (16120108)	141.13078 (16120108)	144.11741 (16120108)	146.87684 (16120108)	150.77741 (14010207)
4191485.2	137.21226 (16120108)	141.71153 (16120108)	146.48855 (16120108)	151.11392 (16120108)	155.49801 (16120108)
4191465.2	133.31772 (17112007)	137.68168 (16120108)	143.68341 (16120108)	149.89933 (16120108)	155.98499 (16120108)
4191445.2	138.09356 (13111607)	140.88252 (13111607)	143.58427 (13111607)	146.36389 (13111607)	151.24501 (17112007)
4191425.2	139.81654 (13111607)	143.85383 (13111607)	147.82707 (13111607)	151.91268 (13111607)	156.75134 (13111607)
4191405.2	137.90804 (14021807)	141.34779 (13111607)	146.42100 (13111607)	151.64193 (13111607)	157.51616 (13111607)
4191385.2	141.06683 (16012008)	144.71143 (16012008)	148.35792 (16012008)	151.98621 (16012008)	155.80057 (16012008)
4191365.2	140.07629 (16012008)	144.58484 (16012008)	149.19596 (16012008)	153.90004 (16012008)	158.69139 (16012008)
4191345.2	135.49348 (16112108)	139.99865 (16112108)	144.63779 (16112108)	149.40823 (16112108)	154.96082 (16012008)
4191325.2	133.23468 (13010507)	136.63273 (13010507)	140.11781 (13010507)	143.68865 (13010507)	148.22921 (16112108)
4191305.2	133.63126 (13010507)	137.64517 (13010507)	141.81566 (13010507)	146.14871 (13010507)	150.65029 (13010507)
4191285.2	138.61707 (15032507)	142.25354 (15032507)	146.04120 (15032507)	149.98796 (15032507)	154.10219 (15032507)
4191265.2	143.60390 (14010308)	147.55934 (14010308)	151.69956 (14010308)	156.03640 (14010308)	160.58271 (14010308)
4191245.2	145.36831 (14010308)	149.54792 (14010308)	153.93510 (14010308)	158.54435 (14010308)	163.39151 (14010308)
4191225.2	140.99546 (14010308)	145.04167 (14010308)	149.28984 (14010308)	153.75425 (14010308)	158.45049 (14010308)
4191205.2	143.87701 (14011008)	148.03718 (14011008)	152.56548 (13030108)	157.37941 (13030108)	162.44314 (13030108)
4191185.2	146.22681 (13030108)	150.45710 (13030108)	154.88300 (13030108)	159.51688 (13030108)	164.37206 (13030108)
4191165.2	143.50101 (13030108)	147.28774 (13030108)	151.64649 (16120107)	156.42101 (16120107)	161.40179 (16120107)
4191145.2	144.17931 (13122707)	148.55285 (13122707)	153.08913 (13122707)	157.79276 (13122707)	162.66804 (13122707)
4191125.2	143.64877 (13122707)	147.32570 (13122707)	151.08599 (13122707)	154.92596 (13122707)	158.84076 (13122707)
4191105.2	142.24316 (15012608)	147.01620 (15012608)	151.92332 (15012608)	156.95694 (15012608)	162.11116 (15012608)
4191085.2	144.22231 (15012608)	148.17779 (15012608)	152.16205 (15012608)	156.15894 (15012608)	160.14992 (15012608)
4191065.2	140.60628 (15012608)	143.45234 (15012608)	147.05940 (14010608)	152.48881 (14010608)	157.98255 (14010608)

 4191045.2 | 140.79011 (14010608)   145.13443 (14010608)   149.45310 (14010608)   153.71726 (14010608)
157.89217 (14010608)
 4191025.2 | 139.89804 (14010608)   143.03289 (14010608)   146.01492 (14010608)   148.80877 (14010608)
151.37538 (14010608)
 4191005.2 | 133.98630 (14010608)   135.73989 (14010608)   140.20657 (14012007)   144.84653 (14012007)
149.53840 (14012007)
 4190985.2 | 132.75600 (14012007)   136.29523 (14012007)   141.18759 (17113008)   147.14496 (17113008)
153.38837 (17113008)
 4190965.2 | 135.72849 (17113008)   140.83767 (17113008)   145.40313 (17113008)   149.62462 (17113008)
153.49234 (17113008)
 4190945.2 | 136.87467 (17113008)   140.17627 (17113008)   142.84618 (17113008)   144.92815 (17113008)
149.43790 (17102107)
 4190925.2 | 132.47828 (17113008)   136.53703 (17102107)   140.37398 (17102107)   143.68328 (17102107)
148.82413 (14112708)
 4190905.2 | 131.66148 (17102107)   135.17100 (14112708)   140.39858 (14112708)   145.20326 (14112708)
149.39504 (14112708)
 4190885.2 | 132.99209 (14112708)   136.62812 (14112708)   139.84219 (14112708)   143.59284 (14031107)
147.37702 (14031107)
 4190865.2 | 131.48113 (14031107)   135.13601 (14031107)   138.16799 (14031107)   144.39283 (17012607)
157.81644 (17012607)
 4190845.2 | 129.93424 (13122808)   137.83977 (17012607)   150.01266 (17012607)   162.20777 (17012607)
174.16390 (17012607)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: HAUL1
***
                               INCLUDING SOURCE(S):   L0000570   , L0000571   , L0000572   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560217.30   560237.30   560257.30   560277.30
560297.30
 -
- - - - - - - -

 4190825.2 | 142.80901 (17012607)   153.86234 (17012607)   164.66069 (17012607)   174.94582 (17012607)
184.42346 (17012607)
 4190805.2 | 155.99041 (17012607)   165.29689 (17012607)   173.86108 (17012607)   181.41054 (17012607)
187.66454 (17012607)
 4190785.2 | 164.27799 (17012607)   171.13345 (17012607)   176.40898 (17012607)   180.05793 (17012607)
182.68209 (17012607)
 4190765.2 | 167.00710 (17012607)   170.57057 (17012607)   172.48982 (17012607)   172.88219 (17012607)
177.15929 (15121507)
 4190745.2 | 163.97717 (17012607)   163.97470 (17012607)   166.38418 (15121507)   173.43575 (15121507)
178.92685 (15121507)
 4190725.2 | 158.10680 (15011507)   163.63193 (15121507)   168.78376 (15121507)   172.60590 (15121507)
174.57814 (15121507)
 4190705.2 | 160.10579 (15121507)   163.53080 (15121507)   165.70613 (15121507)   169.56278 (17122708)
175.03043 (17122708)
 4190685.2 | 157.42780 (15121507)   159.42512 (17122708)   165.15146 (17122708)   170.59792 (13110808)
180.01427 (13110808)
 4190665.2 | 155.89020 (17122708)   160.20477 (17122708)   168.06668 (13110808)   175.96730 (13110808)
181.93883 (13110808)
 4190645.2 | 156.91768 (13110808)   165.00428 (13110808)   171.49422 (13110808)   176.04263 (13110808)
178.34696 (13110808)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: HAUL1
***
                                INCLUDING SOURCE(S):   L0000570   , L0000571   , L0000572   ,

                                 *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                      ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560317.30   560337.30   560357.30   560377.30
560397.30
 -
- - - - - - - -

 4191625.2 | 142.89287 (14122008)   147.41266 (14122008)   150.02295 (14122008)   152.15062 (14122008)
160.28377 (13121108)
 4191605.2 | 140.72174 (15021108)   145.70106 (14122008)   151.25797 (14122008)   155.93615 (14122008)
159.63095 (14122008)
 4191585.2 | 148.28408 (15021108)   150.20132 (15021108)   151.23880 (15021108)   154.48380 (14122008)
160.36808 (14122008)
 4191565.2 | 151.27038 (15021108)   155.42685 (15021108)   158.84771 (15021108)   161.15900 (15021108)
162.45240 (15021108)
 4191545.2 | 150.76814 (17122808)   155.43248 (15021108)   161.16105 (15021108)   166.25002 (15021108)
170.55130 (15021108)
 4191525.2 | 151.95075 (17122808)   157.00469 (17122808)   161.46119 (17122808)   165.19312 (17122808)
171.95763 (15021108)
 4191505.2 | 155.23419 (14010207)   159.15645 (14010207)   162.51882 (14010207)   167.28941 (17122808)
172.99219 (17122808)
 4191485.2 | 159.10838 (16120108)   162.11332 (16120108)   165.64187 (14010207)   170.83992 (14010207)
175.48708 (14010207)
 4191465.2 | 161.49310 (16120108)   166.59081 (16120108)   171.35336 (16120108)   175.69030 (16120108)
179.51275 (16120108)
 4191445.2 | 157.33210 (16120108)   164.17475 (16120108)   170.92637 (16120108)   177.50884 (16120108)
183.83581 (16120108)
 4191425.2 | 160.84254 (13111607)   164.47980 (13111607)   167.70050 (13111607)   172.13025 (17112007)
179.75884 (16120108)
 4191405.2 | 163.28874 (13111607)   168.93181 (13111607)   174.05711 (13111607)   179.05802 (13111607)
183.98582 (13111607)
 4191385.2 | 160.27029 (14021807)   164.91019 (14021807)   171.29200 (13111607)   178.30923 (13111607)
185.52677 (13111607)
 4191365.2 | 163.55292 (16012008)   168.47501 (16012008)   173.43945 (16012008)   178.84506 (16012008)
184.27609 (16012008)
 4191345.2 | 160.75012 (16012008)   166.73487 (16012008)   172.91124 (16012008)   179.27285 (16012008)
185.81024 (16012008)
 4191325.2 | 153.98698 (16112108)   159.98101 (16112108)   166.21565 (16112108)   172.69387 (16112108)
179.41692 (16112108)
 4191305.2 | 155.32625 (13010507)   160.18227 (13010507)   165.22374 (13010507)   170.45561 (13010507)
175.88223 (13010507)
 4191285.2 | 158.39278 (15032507)   162.86910 (15032507)   167.54107 (15032507)   172.41912 (15032507)
177.51422 (15032507)
 4191265.2 | 165.35242 (14010308)   170.36065 (14010308)   175.62388 (14010308)   181.16002 (14010308)
186.98860 (14010308)
 4191245.2 | 168.49390 (14010308)   173.87055 (14010308)   179.54236 (14010308)   185.53234 (14010308)
191.86584 (14010308)
 4191225.2 | 163.39570 (14010308)   168.60871 (14010308)   174.11024 (14010308)   179.92316 (14010308)
186.07274 (14010308)
 4191205.2 | 167.77493 (13030108)   173.39477 (13030108)   179.32458 (13030108)   185.58843 (13030108)
192.21281 (13030108)
 4191185.2 | 169.46294 (13030108)   174.80508 (13030108)   180.41528 (13030108)   186.31176 (13030108)
192.51422 (13030108)
 4191165.2 | 166.59881 (16120107)   172.02239 (16120107)   177.68313 (16120107)   183.59189 (16120107)
189.92357 (13122707)
 4191145.2 | 167.71886 (13122707)   172.94852 (13122707)   178.35955 (13122707)   183.95354 (13122707)
189.73080 (13122707)
 4191125.2 | 163.82191 (17101307)   169.42030 (15012608)   175.99909 (15012608)   182.81753 (15012608)
189.87255 (15012608)

 4191105.2 | 167.37975 (15012608)   172.74598 (15012608)   178.20094 (15012608)   183.72610 (15012608)
189.29866 (15012608)
 4191085.2 | 164.11814 (15012608)   168.03533 (15012608)   171.87804 (15012608)   178.78138 (14010608)
185.95292 (14010608)
 4191065.2 | 163.51508 (14010608)   169.05925 (14010608)   174.57288 (14010608)   180.01842 (14010608)
185.34352 (14010608)
 4191045.2 | 161.93723 (14010608)   165.81473 (14010608)   169.47209 (14010608)   172.85834 (14010608)
175.91443 (14010608)
 4191025.2 | 153.66685 (14010608)   158.59975 (14012007)   164.20328 (14012007)   169.48405 (14012007)
176.55128 (17113008)
 4191005.2 | 154.16258 (14021508)   161.04563 (17113008)   167.93268 (17113008)   174.76699 (17113008)
181.19949 (17113008)
 4190985.2 | 158.99131 (17113008)   164.02699 (17113008)   168.56622 (17113008)   173.01842 (17113008)
176.72618 (17113008)
 4190965.2 | 156.68771 (17113008)   159.26010 (17113008)   164.31012 (17102107)   169.49959 (17102107)
174.59755 (14112708)
 4190945.2 | 153.84744 (17102107)   157.62025 (17102107)   164.39813 (14112708)   171.02652 (14112708)
176.86638 (14112708)
 4190925.2 | 154.74971 (14112708)   160.05993 (14112708)   164.59477 (14112708)   169.49099 (14031107)
174.28208 (14031107)
 4190905.2 | 153.02260 (14031107)   157.73714 (14031107)   161.60883 (14031107)   176.00696 (17012607)
192.85987 (17012607)
 4190885.2 | 151.43310 (17012607)   166.29085 (17012607)   181.31649 (17012607)   196.17056 (17012607)
210.44484 (17012607)
 4190865.2 | 171.32462 (17012607)   184.62000 (17012607)   197.35219 (17012607)   209.12261 (17012607)
219.49063 (17012607)
 4190845.2 | 185.58057 (17012607)   196.11706 (17012607)   205.39686 (17012607)   213.03235 (17012607)
218.63103 (17012607)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: HAUL1
***
                               INCLUDING SOURCE(S):   L0000570   , L0000571   , L0000572   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560317.30   560337.30   560357.30   560377.30
560397.30
 -
- - - - - - - -

 4190825.2 | 192.44145 (17012607)   198.95098 (17012607)   204.02009 (17012607)   206.99248 (17012607)
207.72660 (15121507)
 4190805.2 | 191.49670 (17012607)   193.34691 (17012607)   194.04414 (17012607)   202.17034 (15121507)
209.94464 (15121507)
 4190785.2 | 183.31099 (17012607)   189.03547 (15121507)   196.59780 (15121507)   202.03972 (15121507)
204.98257 (15121507)
 4190765.2 | 184.47562 (15121507)   189.97736 (15121507)   193.32983 (15121507)   198.25635 (17122708)
204.85704 (17122708)
 4190745.2 | 182.56218 (15121507)   185.25711 (17122708)   192.23429 (17122708)   201.55721 (13110808)
212.47281 (13110808)
 4190725.2 | 180.48164 (17122708)   186.40882 (13110808)   197.48315 (13110808)   206.31779 (13110808)
212.35133 (13110808)
 4190705.2 | 183.53240 (13110808)   192.76965 (13110808)   199.70451 (13110808)   203.86871 (13110808)
204.87655 (13110808)
 4190685.2 | 187.54898 (13110808)   192.76545 (13110808)   195.28132 (13110808)   194.80356 (13110808)
191.16216 (13110808)
 4190665.2 | 185.61419 (13110808)   186.68889 (13110808)   184.95055 (13110808)   180.30579 (13110808)
182.53329 (14110807)
 4190645.2 | 178.17220 (13110808)   175.37523 (13110808)   171.78883 (16122107)   176.77567 (14110807)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL1 ***

INCLUDING SOURCE(S): L0000570 , L0000571 , L0000572 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	560417.30	560437.30	560457.30	560477.30	560497.30
4191625.2	172.97409 (13121108)	184.87960 (13121108)	195.55863 (13121108)	204.55448 (13121108)	211.40373 (13121108)
4191605.2	162.48042 (14122008)	173.15681 (13121108)	186.93132 (13121108)	199.71375 (13121108)	210.98551 (13121108)
4191585.2	166.27849 (14122008)	170.96244 (14122008)	174.18842 (14122008)	187.86568 (13121108)	202.86693 (13121108)
4191565.2	165.15934 (14122008)	173.10226 (14122008)	179.93535 (14122008)	185.37111 (14122008)	189.52255 (13121108)
4191545.2	173.91334 (15021108)	176.18607 (15021108)	177.44230 (14122008)	186.56421 (14122008)	194.43848 (14122008)
4191525.2	178.17609 (15021108)	183.55618 (15021108)	187.90810 (15021108)	191.04945 (15021108)	192.79263 (15021108)
4191505.2	177.95079 (17122808)	183.74796 (15021108)	191.33282 (15021108)	198.03755 (15021108)	203.63309 (15021108)
4191485.2	179.46104 (14010207)	185.38286 (17122808)	191.85308 (17122808)	197.38172 (17122808)	205.61324 (15021108)
4191465.2	183.08795 (14010207)	189.31152 (14010207)	194.87505 (14010207)	199.61848 (14010207)	206.41067 (17122808)
4191445.2	189.80648 (16120108)	195.30863 (16120108)	200.21933 (16120108)	204.40611 (16120108)	211.30033 (14010207)
4191425.2	188.06441 (16120108)	196.24151 (16120108)	204.17822 (16120108)	211.74556 (16120108)	218.79722 (16120108)
4191405.2	188.57843 (13111607)	192.86693 (13111607)	198.04825 (17112007)	208.09601 (16120108)	218.35986 (16120108)
4191385.2	192.27063 (13111607)	199.37396 (13111607)	206.52401 (13111607)	212.98755 (13111607)	219.18429 (13111607)
4191365.2	189.27220 (16012008)	195.98758 (14021807)	204.88129 (13111607)	213.80760 (13111607)	223.14887 (13111607)
4191345.2	192.51029 (16012008)	200.20973 (16012008)	208.08248 (16012008)	215.26989 (16012008)	223.40994 (16012008)
4191325.2	186.63498 (16012008)	196.08907 (16012008)	206.05559 (16012008)	215.12541 (16012008)	224.72108 (16012008)
4191305.2	181.50713 (13010507)	188.56938 (13010507)	195.96188 (13010507)	204.56230 (16112108)	214.38649 (16112108)
4191285.2	182.83789 (15032507)	189.04555 (15032507)	196.93868 (13010507)	205.77237 (13010507)	214.35735 (13010507)
4191265.2	193.13091 (14010308)	199.79295 (14010308)	207.40236 (14010308)	216.82601 (14010308)	225.29192 (15032507)
4191245.2	198.57090 (14010308)	205.67856 (14010308)	213.62454 (14010308)	223.81837 (14010308)	233.46017 (14010308)
4191225.2	192.58698 (14010308)	199.49698 (14010308)	207.03338 (14010308)	216.40435 (14011008)	226.20692 (14011008)
4191205.2	199.22696 (13030108)	206.66315 (13030108)	214.55713 (13030108)	223.39400 (13030108)	234.35213 (13030108)
4191185.2	199.04403 (13030108)	205.92434 (13030108)	213.18029 (13030108)	220.83913 (13030108)	230.95307 (13030108)

 4191165.2 | 197.07009 (13122707)   204.56497 (13122707)   212.42498 (13122707)   220.66685 (13122707)
231.25131 (13122707)
 4191145.2 | 195.69008 (13122707)   201.82814 (13122707)   208.13933 (13122707)   216.08710 (15012608)
226.69643 (15012608)
 4191125.2 | 197.15800 (15012608)   204.66382 (15012608)   212.37524 (15012608)   220.27171 (15012608)
228.32564 (15012608)
 4191105.2 | 194.89086 (15012608)   200.46918 (15012608)   205.99350 (15012608)   213.80486 (14010608)
223.51402 (14010608)
 4191085.2 | 193.20438 (14010608)   200.49222 (14010608)   207.75981 (14010608)   214.93877 (14010608)
221.94733 (14010608)
 4191065.2 | 190.48830 (14010608)   195.38918 (14010608)   199.96884 (14010608)   204.69639 (14010608)
211.32677 (14012007)
 4191045.2 | 181.47699 (14012007)   188.36379 (14012007)   195.41016 (14021508)   206.74615 (17113008)
217.37106 (17113008)
 4191025.2 | 185.68753 (17113008)   194.00330 (17113008)   201.72203 (17113008)   209.13128 (17113008)
216.05304 (17113008)
 4191005.2 | 187.46470 (17113008)   192.53677 (17113008)   196.60100 (17113008)   203.20267 (17102107)
210.69615 (17102107)
 4190985.2 | 182.48230 (17102107)   188.47657 (17102107)   195.42828 (14112708)   204.84753 (14112708)
213.23946 (14112708)
 4190965.2 | 182.81728 (14112708)   190.26185 (14112708)   196.67918 (14112708)   203.28951 (14031107)
210.87724 (17012607)
 4190945.2 | 181.50078 (14031107)   187.66894 (14031107)   197.81193 (17012607)   219.26542 (17012607)
240.83439 (17012607)
 4190925.2 | 185.95615 (17012607)   204.43707 (17012607)   223.26758 (17012607)   241.51067 (17012607)
258.49505 (17012607)
 4190905.2 | 209.19676 (17012607)   225.07698 (17012607)   240.01550 (17012607)   253.17296 (17012607)
263.87377 (17012607)
 4190885.2 | 223.66715 (17012607)   235.31274 (17012607)   244.82334 (17012607)   251.63478 (17012607)
255.21330 (17012607)
 4190865.2 | 227.99073 (17012607)   234.15431 (17012607)   237.53789 (17012607)   242.56290 (15121507)
254.17315 (15121507)
 4190845.2 | 221.82126 (17012607)   224.54923 (15121507)   235.36373 (15121507)   242.15976 (15121507)
246.42951 (15121507)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: HAUL1
***
                               INCLUDING SOURCE(S):   L0000570   , L0000571   , L0000572   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560417.30   560437.30   560457.30   560477.30
560497.30
 -
- - - - - - - -

 4190825.2 | 218.15708 (15121507)   226.17966 (15121507)   230.99340 (15121507)   236.47625 (17122708)
248.03880 (13110808)
 4190805.2 | 215.22924 (15121507)   219.03130 (17122708)   227.69293 (17122708)   242.42775 (13110808)
255.00614 (13110808)
 4190785.2 | 212.37766 (17122708)   222.77699 (13110808)   235.83304 (13110808)   245.48529 (13110808)
250.93131 (13110808)
 4190765.2 | 218.01699 (13110808)   228.49257 (13110808)   235.53738 (13110808)   238.51108 (13110808)
236.93977 (13110808)
 4190745.2 | 220.60783 (13110808)   225.35502 (13110808)   226.21826 (13110808)   222.87209 (13110808)
218.62727 (16122107)
 4190725.2 | 215.09320 (13110808)   214.17331 (13110808)   209.38992 (13110808)   210.69360 (14110807)
217.98112 (14110807)
 4190705.2 | 202.46627 (13110808)   196.53760 (13110808)   203.23776 (14110807)   208.92015 (14110807)

213.85748 (16012007)
 4190685.2 | 189.38766 (16122107)   195.91132 (14110807)   200.19168 (14110807)   205.46307 (14010408)
211.82871 (14010408)
 4190665.2 | 188.74610 (14110807)   192.70923 (16012007)   198.08972 (14010408)   203.22804 (14010408)
205.23186 (14112707)
 4190645.2 | 185.86526 (16012007)   190.99980 (14010408)   195.06600 (14010408)   197.79476 (14112707)
203.86797 (14112707)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: HAUL1
***
                                INCLUDING SOURCE(S):   L0000570   , L0000571   , L0000572   ,

                                 *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                      ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560517.30   560537.30   560557.30   560577.30
560597.30
 -
- - - - - - - -

 4191625.2 | 215.67991 (13121108)   217.01282 (13121108)   215.13832 (13121108)   219.85972 (16011808)
236.02863 (16011808)
 4191605.2 | 220.45312 (13121108)   228.35885 (13121108)   232.51311 (13121108)   232.72049 (13121108)
229.19393 (13121108)
 4191585.2 | 217.08916 (13121108)   232.00868 (13121108)   242.48446 (13121108)   249.02455 (13121108)
251.86148 (13121108)
 4191565.2 | 207.44288 (13121108)   225.59338 (13121108)   241.36469 (13121108)   254.31264 (13121108)
264.13835 (13121108)
 4191545.2 | 200.83930 (14122008)   208.87346 (13121108)   228.68387 (13121108)   247.15803 (13121108)
263.58616 (13121108)
 4191525.2 | 201.11451 (14122008)   210.18541 (14122008)   217.42350 (14122008)   228.37975 (13121108)
250.04392 (13121108)
 4191505.2 | 207.88349 (15021108)   210.55419 (15021108)   217.68480 (14122008)   228.20441 (14122008)
236.60455 (14122008)
 4191485.2 | 213.64569 (15021108)   220.76744 (15021108)   226.74549 (15021108)   230.96260 (15021108)
236.69227 (14122008)
 4191465.2 | 212.76111 (17122808)   220.30707 (15021108)   231.53658 (15021108)   241.56001 (15021108)
249.08160 (15021108)
 4191445.2 | 217.72762 (14010207)   223.42425 (14010207)   232.68045 (17122808)   241.48963 (17122808)
252.88869 (15021108)
 4191425.2 | 225.17000 (16120108)   230.17288 (16120108)   237.58897 (14010207)   245.81501 (14010207)
252.76201 (14010207)
 4191405.2 | 228.26891 (16120108)   236.63434 (16120108)   245.21727 (16120108)   253.43567 (16120108)
260.63013 (16120108)
 4191385.2 | 225.01739 (13111607)   231.35609 (16120108)   243.55439 (16120108)   255.42190 (16120108)
267.84227 (16120108)
 4191365.2 | 232.54852 (13111607)   241.57968 (13111607)   249.85610 (13111607)   257.70856 (13111607)
265.75633 (13111607)
 4191345.2 | 231.60688 (16012008)   239.05805 (14021807)   250.08879 (13111607)   262.48554 (13111607)
275.06128 (13111607)
 4191325.2 | 234.86358 (16012008)   245.04396 (16012008)   255.54861 (16012008)   266.34422 (16012008)
277.38455 (16012008)
 4191305.2 | 224.58350 (16112108)   235.29846 (16112108)   247.63126 (16012008)   260.78112 (16012008)
274.66348 (16012008)
 4191285.2 | 223.12658 (13010507)   232.37411 (13010507)   242.12608 (13010507)   252.40863 (13010507)
263.24737 (13010507)
 4191265.2 | 233.96612 (15032507)   243.18564 (15032507)   252.99695 (15032507)   263.45131 (15032507)
274.60532 (15032507)
 4191245.2 | 243.22174 (14010308)   253.30590 (14010308)   264.11100 (14010308)   275.71083 (14010308)
288.18899 (14010308)

 4191225.2 | 236.64643 (14011008)   246.74416 (14011008)   257.58093 (14011008)   269.23461 (14011008)
281.84247 (13030108)
 4191205.2 | 245.89929 (13030108)   256.44786 (13030108)   267.74775 (13030108)   279.87467 (13030108)
292.90046 (13030108)
 4191185.2 | 241.89486 (13030108)   251.30388 (13030108)   261.69180 (16120107)   273.52122 (16120107)
286.11445 (16120107)
 4191165.2 | 242.42831 (13122707)   252.43222 (13122707)   262.73894 (13122707)   273.53640 (13122707)
284.83511 (13122707)
 4191145.2 | 238.29014 (15012608)   251.27825 (15012608)   263.56754 (15012608)   275.75617 (15012608)
288.40042 (15012608)
 4191125.2 | 236.98574 (15012608)   247.86592 (15012608)   257.86386 (15012608)   268.24966 (14010608)
282.56711 (14010608)
 4191105.2 | 233.61565 (14010608)   245.26353 (14010608)   257.79970 (14010608)   269.85328 (14010608)
279.96260 (14010608)
 4191085.2 | 228.68872 (14010608)   235.53279 (14010608)   243.09780 (14010608)   252.38206 (14012007)
263.85770 (14012007)
 4191065.2 | 220.03155 (14012007)   230.72800 (17113008)   244.44555 (17113008)   257.78955 (17113008)
270.42568 (17113008)
 4191045.2 | 227.19144 (17113008)   236.28908 (17113008)   244.38267 (17113008)   251.61793 (17113008)
262.26410 (17102107)
 4191025.2 | 221.92654 (17113008)   229.71446 (17102107)   238.73483 (13121309)   251.12333 (14112708)
263.05674 (14112708)
 4191005.2 | 220.66191 (14112708)   231.05456 (14112708)   240.31800 (14112708)   249.46563 (14031107)
267.21364 (17012607)
 4190985.2 | 220.12485 (14112708)   227.59191 (14031107)   249.40489 (17012607)   277.15257 (17012607)
301.59846 (17012607)
 4190965.2 | 235.13455 (17012607)   257.85780 (17012607)   281.15218 (17012607)   303.17753 (17012607)
319.55841 (17012607)
 4190945.2 | 261.56456 (17012607)   279.85842 (17012607)   296.65212 (17012607)   310.04652 (17012607)
316.17943 (17012607)
 4190925.2 | 273.45736 (17012607)   285.57183 (17012607)   293.99618 (17012607)   297.54312 (17012607)
308.84995 (15121507)
 4190905.2 | 271.43220 (17012607)   275.19983 (17012607)   286.03002 (15121507)   298.18990 (15121507)
302.53179 (15121507)
 4190885.2 | 262.91697 (15121507)   275.03814 (15121507)   282.93937 (15121507)   291.73292 (17122708)
308.68828 (13110808)
 4190865.2 | 262.30447 (15121507)   268.06637 (17122708)   282.41535 (13110808)   301.50093 (13110808)
313.12656 (13110808)
 4190845.2 | 255.99964 (17122708)   272.95273 (13110808)   288.37728 (13110808)   298.37506 (13110808)
300.86201 (13110808)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: HAUL1
***
                               INCLUDING SOURCE(S):   L0000570   , L0000571   , L0000572   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560517.30   560537.30   560557.30   560577.30
560597.30
 -
- - - - - - - -

 4190825.2 | 263.86897 (13110808)   275.46591 (13110808)   281.74488 (13110808)   281.84434 (13110808)
275.24784 (13110808)
 4190805.2 | 263.31427 (13110808)   266.50279 (13110808)   263.95269 (13110808)   257.09782 (14110807)
268.22481 (14110807)
 4190785.2 | 251.51788 (13110808)   246.84169 (13110808)   246.96298 (14110807)   255.57926 (14110807)
262.12004 (14010408)
 4190765.2 | 230.58477 (13110808)   237.03202 (14110807)   243.48843 (14110807)   251.03328 (14010408)

258.34164 (14010408)
 4190745.2 | 227.35933 (14110807)   232.37575 (16012007)   240.47495 (14010408)   246.06142 (14010408)
251.95230 (14112707)
 4190725.2 | 222.94728 (16012007)   230.43266 (14010408)   234.54516 (14010408)   241.05856 (14112707)
245.42034 (14112707)
 4190705.2 | 220.89016 (14010408)   223.74099 (14010408)   230.85569 (14112707)   234.22486 (14112707)
240.73519 (14122207)
 4190685.2 | 213.59987 (14010408)   221.28882 (14112707)   223.80509 (14112707)   230.41450 (14122207)
233.08733 (14122207)
 4190665.2 | 212.30805 (14112707)   214.09068 (14112707)   220.81011 (14122207)   223.13280 (14122207)
231.43729 (14121307)
 4190645.2 | 205.01900 (14112707)   211.85484 (14122207)   213.86870 (14122207)   221.73708 (14121307)
223.97687 (14121307)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: HAUL1
***
                                INCLUDING SOURCE(S):   L0000570   , L0000571   , L0000572   ,

                                 *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                      ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560617.30   560637.30   560657.30   560677.30
560697.30
 -
- - - - - - - -

 4191625.2 | 248.25680 (16011808)   255.49751 (16011808)   256.94315 (16011808)   261.56969 (15020308)
267.80162 (15020308)
 4191605.2 | 246.83308 (16011808)   262.71958 (16011808)   272.78683 (16011808)   276.56551 (16011808)
279.74752 (15020308)
 4191585.2 | 251.66658 (13121108)   260.19485 (16011808)   279.23509 (16011808)   292.81349 (16011808)
300.06976 (16011808)
 4191565.2 | 271.08022 (13121108)   273.31077 (13121108)   270.05724 (13121108)   292.11796 (16011808)
309.47354 (16011808)
 4191545.2 | 277.69458 (13121108)   287.97958 (13121108)   293.00206 (13121108)   292.46621 (13121108)
302.18449 (16011808)
 4191525.2 | 270.11701 (13121108)   287.55570 (13121108)   301.26997 (13121108)   308.42808 (13121108)
309.95907 (13121108)
 4191505.2 | 251.92989 (13121108)   276.02199 (13121108)   297.98439 (13121108)   314.68354 (13121108)
326.12386 (13121108)
 4191485.2 | 248.98211 (14122008)   258.80065 (14122008)   279.45703 (13121108)   305.24990 (13121108)
327.38312 (13121108)
 4191465.2 | 254.57874 (15021108)   258.67310 (14122008)   273.14775 (14122008)   284.71357 (14122008)
311.14152 (13121108)
 4191445.2 | 264.58027 (15021108)   274.49080 (15021108)   282.11164 (15021108)   286.11221 (15021108)
299.34122 (14122008)
 4191425.2 | 264.03827 (17122808)   275.06007 (15021108)   289.90561 (15021108)   301.87980 (15021108)
311.42911 (15021108)
 4191405.2 | 268.98091 (14010207)   279.10653 (14010207)   288.19808 (17122808)   301.46712 (17122808)
318.29111 (15021108)
 4191385.2 | 279.67930 (16120108)   290.63207 (16120108)   300.35765 (16120108)   309.90363 (14010207)
323.13207 (14010207)
 4191365.2 | 274.48104 (16120108)   290.52006 (16120108)   306.93088 (16120108)   323.56672 (16120108)
339.75027 (16120108)
 4191345.2 | 286.37099 (13111607)   297.18877 (13111607)   309.18247 (13111607)   322.56437 (13111607)
338.02114 (16120108)
 4191325.2 | 287.28432 (16012008)   296.89545 (16012008)   310.71572 (13111607)   330.30836 (13111607)
350.42981 (13111607)
 4191305.2 | 288.51081 (16012008)   302.88541 (16012008)   318.81374 (16012008)   336.55725 (16012008)
355.09917 (16012008)

 4191285.2 | 274.66654 (13010507)   286.72648 (16112108)   303.82953 (16112108)   323.23031 (16012008)
344.58446 (16012008)
 4191265.2 | 286.52149 (15032507)   299.26887 (15032507)   312.92372 (15032507)   327.57022 (15032507)
343.30113 (15032507)
 4191245.2 | 301.64061 (14010308)   316.17421 (14010308)   331.91406 (14010308)   349.00300 (14010308)
367.60578 (14010308)
 4191225.2 | 295.91261 (13030108)   311.17285 (13030108)   327.77470 (13030108)   345.89056 (13030108)
365.71113 (13030108)
 4191205.2 | 306.93932 (13030108)   322.09348 (13030108)   338.49307 (13030108)   356.28692 (13030108)
375.63222 (13030108)
 4191185.2 | 300.50263 (13122707)   316.09664 (13122707)   332.80649 (13122707)   350.72267 (13122707)
369.94065 (13122707)
 4191165.2 | 296.64062 (13122707)   313.03061 (15012608)   331.14948 (15012608)   350.38000 (15012608)
370.74126 (15012608)
 4191145.2 | 301.46401 (15012608)   314.89234 (15012608)   328.60744 (15012608)   342.50184 (15012608)
363.11756 (14010608)
 4191125.2 | 297.90896 (14010608)   313.77230 (14010608)   328.27892 (14010608)   342.75757 (14010608)
357.04278 (14010608)
 4191105.2 | 290.80176 (14010608)   300.26276 (14010608)   310.16305 (14012007)   328.98469 (17113008)
351.31564 (17113008)
 4191085.2 | 281.37614 (17113008)   299.29967 (17113008)   316.25249 (17113008)   330.83159 (17113008)
343.30284 (17113008)
 4191065.2 | 281.43392 (17113008)   290.84199 (17113008)   303.49761 (17102107)   320.71978 (13121309)
340.24310 (14112708)
 4191045.2 | 274.79040 (13121309)   290.31103 (14112708)   305.13690 (14112708)   319.42215 (14031107)
362.30120 (17012607)
 4191025.2 | 272.62901 (14112708)   286.98394 (17012607)   324.82819 (17012607)   362.73627 (17012607)
398.06774 (17012607)
 4191005.2 | 297.32299 (17012607)   327.51977 (17012607)   357.47741 (17012607)   383.88414 (17012607)
404.69303 (17012607)
 4190985.2 | 326.16602 (17012607)   348.65787 (17012607)   366.50803 (17012607)   378.06806 (17012607)
389.62092 (15121507)
 4190965.2 | 333.99214 (17012607)   344.25408 (17012607)   351.40845 (15121507)   371.18241 (15121507)
383.07533 (15121507)
 4190945.2 | 319.04033 (17012607)   337.31828 (15121507)   349.72927 (15121507)   362.30805 (13110808)
393.76384 (13110808)
 4190925.2 | 320.37285 (15121507)   328.66606 (17122708)   352.38106 (13110808)   376.41937 (13110808)
391.15049 (13110808)
 4190905.2 | 315.79889 (13110808)   340.29831 (13110808)   357.86191 (13110808)   366.35263 (13110808)
364.12462 (13110808)
 4190885.2 | 326.70898 (13110808)   338.71000 (13110808)   342.08904 (13110808)   335.75635 (13110808)
341.52815 (14110807)
 4190865.2 | 319.43728 (13110808)   318.68890 (13110808)   309.25501 (13110808)   322.91292 (14110807)
333.14269 (14010408)
 4190845.2 | 296.36605 (13110808)   295.06557 (14110807)   305.27925 (14110807)   316.20998 (14010408)
324.14082 (14010408)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: HAUL1
***
                               INCLUDING SOURCE(S):   L0000570   , L0000571   , L0000572   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560617.30   560637.30   560657.30   560677.30
560697.30
 -
- - - - - - - -

 4190825.2 | 281.40128 (14110807)   288.63201 (14110807)   300.31780 (14010408)   305.77671 (14010408)

316.20267 (14112707)
 4190805.2 | 274.40541 (16012007)   285.41326 (14010408)   289.41085 (14112707)   299.70897 (14112707)
306.17015 (14122207)
 4190785.2 | 271.44019 (14010408)   276.05919 (14112707)   284.50699 (14112707)   290.87926 (14122207)
296.19033 (14122207)
 4190765.2 | 263.59714 (14112707)   270.46595 (14112707)   276.81361 (14122207)   281.44600 (14122207)
292.48558 (14121307)
 4190745.2 | 257.47086 (14112707)   263.84146 (14122207)   267.88222 (14122207)   278.29202 (14121307)
279.15431 (14121307)
 4190725.2 | 251.84851 (14122207)   255.37219 (14122207)   265.19619 (14121307)   266.47539 (14121307)
271.46630 (13010908)
 4190705.2 | 243.80585 (14122207)   253.08550 (14121307)   254.69658 (14121307)   258.93957 (13010908)
267.57194 (16110807)
 4190685.2 | 241.86138 (14121307)   243.73511 (14121307)   247.25182 (13010908)   254.61551 (16110807)
260.33650 (16110807)
 4190665.2 | 233.51717 (14121307)   236.33586 (13010908)   242.45225 (16110807)   249.22402 (16110807)
247.01478 (16110807)
 4190645.2 | 226.13019 (13010908)   231.03454 (16110807)   238.63558 (16110807)   238.08074 (16110807)
232.39756 (15122907)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: HAUL1
***
                               INCLUDING SOURCE(S):   L0000570   , L0000571   , L0000572   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560717.30   560737.30   560757.30   560777.30
560797.30
 -
- - - - - - - -

 4191625.2 | 274.02861 (15120208)   276.03982 (15102707)   288.10122 (15102707)   301.23217 (16011807)
315.70909 (16011807)
 4191605.2 | 290.73643 (15020308)   295.49711 (15120208)   295.72852 (15102707)   308.63660 (15102707)
323.44794 (16011807)
 4191585.2 | 301.10633 (15020308)   311.64871 (15020308)   315.61754 (15120208)   314.84224 (15102707)
329.15079 (15102707)
 4191565.2 | 319.11700 (16011808)   321.12595 (16011808)   331.15131 (15020308)   335.04646 (15120208)
335.54016 (15102707)
 4191545.2 | 323.16036 (16011808)   337.56169 (16011808)   343.45312 (16011808)   352.12451 (15020308)
358.36014 (15020308)
 4191525.2 | 310.12809 (16011808)   336.59402 (16011808)   355.43044 (16011808)   368.69400 (16011808)
375.73322 (15020308)
 4191505.2 | 334.67774 (13121108)   337.38686 (13121108)   353.24928 (16011808)   378.40855 (16011808)
394.52659 (16011808)
 4191485.2 | 345.59921 (13121108)   359.82549 (13121108)   367.88141 (13121108)   368.50552 (16011808)
401.65444 (16011808)
 4191465.2 | 338.18041 (13121108)   362.67209 (13121108)   382.99765 (13121108)   399.59908 (13121108)
404.04609 (13121108)
 4191445.2 | 313.93873 (14122008)   347.49529 (13121108)   378.05110 (13121108)   406.93450 (13121108)
429.86114 (13121108)
 4191425.2 | 320.99961 (15021108)   334.10308 (14122008)   351.30855 (13121108)   390.92506 (13121108)
430.58385 (13121108)
 4191405.2 | 337.90307 (15021108)   352.91412 (15021108)   362.96243 (15021108)   371.73016 (14122008)
401.78373 (13121108)
 4191385.2 | 338.62934 (13123007)   356.83356 (15021108)   379.52295 (15021108)   398.01885 (15021108)
416.70929 (15021108)
 4191365.2 | 355.02638 (16120108)   367.17449 (16120108)   384.15459 (14010207)   402.81700 (13123007)
432.56183 (15021108)

 4191345.2 | 360.64098 (16120108)   382.87945 (16120108)   404.12304 (16120108)   423.62645 (16120108)
443.47276 (16120108)
 4191325.2 | 368.88820 (13111607)   387.17616 (13111607)   405.43254 (13111607)   429.10403 (16120108)
462.06168 (16120108)
 4191305.2 | 373.15610 (16012008)   391.66019 (16012008)   412.12737 (13111607)   443.83586 (13111607)
474.05456 (13111607)
 4191285.2 | 367.54033 (16012008)   392.17484 (16012008)   419.58735 (16012008)   451.06779 (16012008)
482.64315 (16012008)
 4191265.2 | 360.21851 (15032507)   379.73138 (15032507)   401.28977 (15032507)   426.76907 (13010507)
454.31594 (13010507)
 4191245.2 | 387.91322 (14010308)   412.53862 (14010308)   439.60495 (14010308)   467.19265 (14010308)
497.75703 (14010308)
 4191225.2 | 387.48147 (13030108)   413.46800 (13030108)   443.22402 (13030108)   473.43753 (13030108)
507.20751 (13030108)
 4191205.2 | 396.73376 (13030108)   420.33827 (13030108)   447.41273 (13030108)   478.43686 (13030108)
510.55494 (13030108)
 4191185.2 | 390.55973 (13122707)   413.65919 (13122707)   439.05262 (13122707)   468.80398 (15012608)
504.44326 (15012608)
 4191165.2 | 392.23017 (15012608)   417.16907 (15012608)   443.34810 (15012608)   468.43725 (15012608)
496.27744 (14010608)
 4191145.2 | 387.47871 (14010608)   411.50268 (14010608)   435.56161 (14010608)   456.60816 (14010608)
477.93153 (14010608)
 4191125.2 | 372.22801 (14010608)   384.71920 (14010608)   415.03935 (17113008)   444.60358 (17113008)
473.74016 (17113008)
 4191105.2 | 373.80873 (17113008)   392.93999 (17113008)   408.78915 (17113008)   432.88981 (13121309)
462.13860 (13121309)
 4191085.2 | 359.65777 (13121309)   381.56830 (13121309)   405.35260 (14112708)   442.85364 (17012607)
512.49708 (17012607)
 4191065.2 | 356.61912 (14112708)   395.71557 (17012607)   449.69026 (17012607)   503.49267 (17012607)
551.42303 (17012607)
 4191045.2 | 404.60408 (17012607)   442.38880 (17012607)   475.26567 (17012607)   504.42932 (17012607)
521.29161 (17012607)
 4191025.2 | 428.16242 (17012607)   451.96294 (17012607)   464.84641 (17012607)   487.94228 (15121507)
509.08042 (15121507)
 4191005.2 | 417.76780 (17012607)   434.59395 (15121507)   455.92109 (15121507)   482.87580 (13110808)
524.32250 (13110808)
 4190985.2 | 410.36643 (15121507)   423.47318 (17122708)   462.92935 (13110808)   491.73787 (13110808)
503.05396 (13110808)
 4190965.2 | 409.10672 (13110808)   440.23440 (13110808)   458.59097 (13110808)   460.70790 (13110808)
455.70015 (14110807)
 4190945.2 | 416.00245 (13110808)   425.87215 (13110808)   421.01656 (13110808)   426.24494 (14110807)
442.48979 (14010408)
 4190925.2 | 394.24380 (13110808)   384.21869 (13110808)   398.70783 (14110807)   414.71385 (14010408)
424.07715 (14112707)
 4190905.2 | 361.08983 (14110807)   373.06969 (14110807)   389.17159 (14010408)   398.41307 (14112707)
407.31865 (14122207)
 4190885.2 | 351.16207 (14010408)   365.67829 (14010408)   375.03343 (14112707)   383.03803 (14122207)
394.21607 (14121307)
 4190865.2 | 344.05677 (14010408)   353.68247 (14112707)   361.04793 (14122207)   370.56461 (14121307)
385.17881 (14121307)
 4190845.2 | 334.13711 (14112707)   341.06241 (14122207)   349.16430 (14121307)   363.12498 (14121307)
367.60182 (13010908)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: HAUL1
***
                               INCLUDING SOURCE(S):   L0000570   , L0000571   , L0000572   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL1 ***

INCLUDING SOURCE(S): L0000570 , L0000571 , L0000572 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	560717.30	560737.30	560757.30	560777.30	560797.30
4190825.2	322.83879 (14122207)	329.83097 (14122207)	343.04173 (14121307)	346.44153 (13010908)	357.74011 (16110807)
4190805.2	312.26188 (14122207)	324.70104 (14121307)	327.06040 (13010908)	336.81919 (16110807)	345.78914 (16110807)
4190785.2	307.90587 (14121307)	309.27572 (13010908)	317.45752 (16110807)	328.23388 (16110807)	323.50884 (16110807)
4190765.2	292.92489 (13010908)	299.53843 (16110807)	311.66221 (16110807)	309.94756 (16110807)	310.51038 (14112407)
4190745.2	284.90506 (13010908)	296.05188 (16110807)	296.80667 (16110807)	289.52546 (14112407)	309.46642 (14112407)
4190725.2	281.36890 (16110807)	284.13886 (16110807)	274.96886 (16110807)	291.64637 (14112407)	300.91855 (14112407)
4190705.2	271.97651 (16110807)	265.51031 (16110807)	274.32213 (14112407)	286.76154 (14112407)	286.15904 (14112407)
4190685.2	256.17262 (16110807)	257.63884 (14112407)	272.51178 (14112407)	275.83441 (14112407)	266.68482 (14112407)
4190665.2	243.65932 (15122907)	258.37826 (14112407)	264.92768 (14112407)	260.07795 (14112407)	263.92801 (15011207)
4190645.2	244.52077 (14112407)	253.67840 (14112407)	252.52670 (14112407)	245.67063 (15011207)	262.53162 (15011207)

*** AERMOD - VERSION 24142 *** *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
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*** AERMET - VERSION 18081 *** ***
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL1 ***

INCLUDING SOURCE(S): L0000570 , L0000571 , L0000572 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	560817.30	560837.30	560857.30	560877.30	560897.30
4191625.2	320.06480 (13032907)	338.96796 (13032907)	344.94530 (13032907)	336.85366 (13032907)	315.16134 (13032907)
4191605.2	336.79234 (16011807)	344.46881 (13032907)	361.29159 (13032907)	363.31804 (13032907)	350.91302 (13032907)
4191585.2	346.06419 (16011807)	359.28234 (16011807)	370.25792 (13032907)	383.04500 (13032907)	382.38125 (13032907)
4191565.2	351.79554 (15102707)	369.07236 (16011807)	380.91083 (16011807)	397.88465 (13032907)	411.35672 (13032907)
4191545.2	357.97970 (15102707)	374.50697 (15102707)	393.56541 (16011807)	405.44470 (16011807)	429.03068 (13032907)
4191525.2	384.20951 (15020308)	381.16520 (15102707)	399.90748 (15102707)	421.01857 (16011807)	433.77264 (13032907)
4191505.2	401.10065 (15020308)	411.04044 (15020308)	406.24913 (15102707)	425.70986 (15102707)	450.71317 (16011807)
4191485.2	423.22157 (16011808)	425.99468 (16011808)	438.77425 (15020308)	437.54586 (15020308)	459.36562 (15102707)
4191465.2	421.47925 (16011808)	445.92955 (16011808)	458.87103 (16011808)	475.81013 (15020308)	473.28310 (15020308)
4191445.2	443.20449 (13121108)	445.59863 (16011808)	478.69918 (16011808)	496.75163 (16011808)	508.78817 (15020308)
4191425.2	464.29250 (13121108)	486.57027 (13121108)	492.91826 (13121108)	511.86816 (16011808)	539.17895 (16011808)

 4191405.2 | 454.60892 (13121108)   501.17574 (13121108)   531.58763 (13121108)   545.59121 (13121108)
557.72165 (16011808)
 4191385.2 | 432.12410 (14122008)   477.94465 (13121108)   532.87624 (13121108)   575.26775 (13121108)
609.76862 (13121108)
 4191365.2 | 463.33018 (15021108)   486.53809 (15021108)   500.92390 (15021108)   555.51107 (13121108)
620.10160 (13121108)
 4191345.2 | 467.62583 (14010207)   497.85507 (13123007)   534.77575 (15021108)   564.37480 (15021108)
587.79079 (15021108)
 4191325.2 | 494.98368 (16120108)   527.23891 (16120108)   552.61128 (16120108)   577.29844 (13123007)
622.57104 (15021108)
 4191305.2 | 504.19960 (13111607)   536.38661 (13111607)   570.51768 (16120108)   614.68098 (16120108)
659.49823 (16120108)
 4191285.2 | 515.63800 (16012008)   552.65953 (16012008)   587.80187 (16012008)   631.54014 (13111607)
681.88306 (13111607)
 4191265.2 | 494.01460 (16012008)   540.72980 (16012008)   590.29185 (16012008)   643.61667 (16012008)
699.88843 (16012008)
 4191245.2 | 532.38609 (14010308)   573.58826 (14010308)   616.82540 (14010308)   664.15307 (14010308)
715.97409 (14010308)
 4191225.2 | 545.80697 (13030108)   591.68213 (13030108)   640.09438 (13030108)   692.39735 (13030108)
756.59128 (13030108)
 4191205.2 | 544.95742 (13030108)   582.29980 (13030108)   627.71785 (13122707)   683.73123 (13122707)
744.77638 (13122707)
 4191185.2 | 541.68426 (15012608)   580.49222 (15012608)   628.10248 (15012608)   680.93087 (15012608)
735.64804 (14010608)
 4191165.2 | 530.53427 (14010608)   569.61323 (14010608)   609.48920 (14010608)   649.08814 (14010608)
691.52031 (17113008)
 4191145.2 | 499.20169 (17113008)   545.58416 (17113008)   590.58923 (17113008)   631.50809 (17113008)
691.42840 (13121309)
 4191125.2 | 500.16599 (17113008)   537.18837 (13121309)   577.26642 (13121309)   664.50906 (17012607)
776.94069 (17012607)
 4191105.2 | 493.47504 (17012607)   580.52851 (17012607)   667.30919 (17012607)   745.62323 (17012607)
802.58210 (17012607)
 4191085.2 | 579.70100 (17012607)   633.25622 (17012607)   677.35649 (17012607)   705.57024 (15121507)
738.01090 (15121507)
 4191065.2 | 588.43054 (17012607)   602.83085 (17012607)   639.49280 (15121507)   692.48355 (13110808)
736.30979 (13110808)
 4191045.2 | 551.71529 (15121507)   581.58387 (13110808)   638.62867 (13110808)   668.31141 (13110808)
662.00441 (13110808)
 4191025.2 | 554.92504 (13110808)   593.23327 (13110808)   605.65306 (13110808)   598.75962 (14110807)
624.43322 (14010408)
 4191005.2 | 547.53781 (13110808)   547.15933 (13110808)   551.47706 (14110807)   574.42184 (14010408)
587.87901 (14112707)
 4190985.2 | 493.41646 (13110808)   508.32532 (14110807)   529.73713 (14010408)   542.60833 (14112707)
560.45187 (14121307)
 4190965.2 | 472.68534 (14010408)   489.73990 (14010408)   502.48718 (14112707)   519.04972 (14121307)
535.89542 (14121307)
 4190945.2 | 453.85958 (14010408)   466.77793 (14112707)   482.34978 (14121307)   499.06653 (14121307)
512.25213 (16110807)
 4190925.2 | 434.86417 (14112707)   449.67312 (14121307)   466.02669 (14121307)   474.92959 (16110807)
489.39807 (16110807)
 4190905.2 | 420.45313 (14121307)   436.29810 (14121307)   443.91604 (13010908)   459.20328 (16110807)
448.75976 (14112407)
 4190885.2 | 409.46756 (14121307)   416.10037 (13010908)   430.98552 (16110807)   425.49694 (16110807)
444.53678 (14112407)
 4190865.2 | 390.74568 (13010908)   404.71982 (16110807)   404.26676 (16110807)   413.54705 (14112407)
425.74762 (14112407)
 4190845.2 | 380.33677 (16110807)   383.84395 (16110807)   383.61595 (14112407)   402.46188 (14112407)
395.87763 (14112407)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: HAUL1
***
                                INCLUDING SOURCE(S):   L0000570   , L0000571   , L0000572   ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	560817.30	560837.30	560857.30	560877.30	560897.30
4190825.2	364.33272 (16110807)	355.11432 (14112407)	378.83098 (14112407)	380.37111 (14112407)	384.12944 (15011207)
4190805.2	337.41180 (16110807)	355.38822 (14112407)	363.44913 (14112407)	353.84188 (15011207)	375.97842 (15011207)
4190785.2	332.52397 (14112407)	345.69349 (14112407)	339.84053 (14112407)	352.29055 (15011207)	360.46443 (15011207)
4190765.2	327.57588 (14112407)	327.82424 (14112407)	327.29727 (15011207)	343.45846 (15011207)	342.73173 (13121408)
4190745.2	314.71648 (14112407)	303.87342 (14112407)	324.14064 (15011207)	328.62253 (15011207)	328.82440 (13121408)
4190725.2	295.61617 (14112407)	303.42935 (15011207)	314.97076 (15011207)	314.89993 (13121408)	310.46824 (13121408)
4190705.2	282.09068 (15011207)	299.15844 (15011207)	300.86970 (15011207)	302.36817 (13121408)	288.93063 (13121408)
4190685.2	281.93167 (15011207)	289.88908 (15011207)	290.54019 (13121408)	286.03880 (13121408)	273.32074 (15033007)
4190665.2	276.90650 (15011207)	276.54172 (15011207)	279.18574 (13121408)	266.95890 (13121408)	272.07723 (17111708)
4190645.2	267.70113 (15011207)	269.09121 (13121408)	264.57118 (13121408)	252.15577 (15033007)	269.71538 (17111708)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL1 ***

INCLUDING SOURCE(S): L0000570 , L0000571 , L0000572 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	560917.30	560937.30	560957.30	560977.30	560997.30
4191625.2	318.77616 (13121607)	353.60196 (16010407)	373.05632 (16010407)	372.32070 (16010407)	384.92510 (13040307)
4191605.2	324.09771 (13032907)	353.68473 (16010407)	384.07413 (16010407)	393.91756 (16010407)	394.38758 (14122308)
4191585.2	364.99537 (13032907)	348.53852 (16010407)	390.34956 (16010407)	411.90622 (16010407)	412.26103 (14122308)
4191565.2	406.45962 (13032907)	382.77397 (13032907)	391.90031 (16010407)	425.44221 (16010407)	436.58606 (16010407)
4191545.2	439.33767 (13032907)	428.66057 (13032907)	396.45326 (13032907)	436.87987 (16010407)	460.92284 (16010407)
4191525.2	461.18048 (13032907)	467.29315 (13032907)	451.13586 (13032907)	443.70803 (16010407)	482.37036 (16010407)
4191505.2	471.04765 (13032907)	495.90769 (13032907)	496.84999 (13032907)	473.72467 (13032907)	495.05663 (16010407)
4191485.2	483.40474 (16011807)	512.10917 (13032907)	530.50278 (13032907)	524.03819 (13032907)	497.63445 (16010407)

 4191465.2 | 494.22633 (15102707)   520.38920 (16011807)   548.41564 (13032907)   561.22582 (13032907)
551.12630 (13032907)
 4191445.2 | 514.14498 (15020308)   534.21081 (15102707)   560.86882 (13032907)   602.95883 (13032907)
612.93920 (13032907)
 4191425.2 | 555.41061 (15020308)   566.40150 (15020308)   587.97980 (15102707)   623.85230 (13032907)
660.97529 (13032907)
 4191405.2 | 594.64555 (16011808)   612.55152 (15020308)   628.24665 (15020308)   644.07938 (15102707)
689.31235 (13032907)
 4191385.2 | 625.23777 (13121108)   648.03677 (16011808)   670.83262 (15020308)   692.90496 (15020308)
707.48376 (15102707)
 4191365.2 | 670.64503 (13121108)   701.27221 (13121108)   708.34401 (13121108)   739.37224 (16011808)
767.85394 (15020308)
 4191345.2 | 658.48990 (13121108)   731.65238 (13121108)   783.74411 (13121108)   808.77529 (13121108)
820.17130 (16011808)
 4191325.2 | 669.27516 (15021108)   705.07741 (15021108)   792.13233 (13121108)   872.46734 (13121108)
921.85255 (13121108)
 4191305.2 | 699.76808 (16120108)   742.83751 (13123007)   809.02664 (15021108)   864.04935 (15021108)
967.07681 (13121108)
 4191285.2 | 732.48047 (13111607)   792.37812 (16120108)   864.31525 (16120108)   929.74267 (16120108)
1002.65779 (15021108)
 4191265.2 | 763.25745 (16012008)   833.12396 (16012008)   907.81512 (16012008)   994.82411 (13111607)
1091.85873 (13111607)
 4191245.2 | 776.72481 (14010308)   847.66041 (14010308)   929.31241 (14010308)   1024.44392 (14010708)
1144.80550 (14010708)
 4191225.2 | 831.16148 (13030108)   918.55304 (13030108)   1021.96271 (13030108)   1145.60357 (13030108)
1295.04115 (13030108)
 4191205.2 | 813.72597 (13122707)   901.59760 (15012608)   994.34328 (15012608)   1118.79311 (15012608)
1270.28808 (15012608)
 4191185.2 | 813.29433 (14010608)   895.23091 (14010608)   969.01273 (14010608)   1053.06938 (17113008)
1218.21189 (13121309)
 4191165.2 | 770.64479 (17113008)   857.50775 (13121309)   960.31031 (13121309)   1129.87604 (17012607)
1285.19364 (17012607)
 4191145.2 | 772.13215 (17012607)   928.49820 (17012607)   1067.25339 (17012607)   1128.27922 (17012607)
1174.26999 (13110808)
 4191125.2 | 873.38456 (17012607)   941.36493 (17012607)   989.41085 (15121507)   1068.67101 (13110808)
1091.85172 (13110808)
 4191105.2 | 837.15774 (15121507)   889.61938 (13110808)   943.43940 (13110808)   941.70510 (13110808)
958.98499 (14010408)
 4191085.2 | 811.48587 (13110808)   847.14750 (13110808)   832.41540 (14110807)   854.89968 (14010408)
879.11507 (15011408)
 4191065.2 | 745.71522 (13110808)   747.31584 (14110807)   777.11575 (14010408)   805.57568 (15011408)
837.01612 (13010908)
 4191045.2 | 680.46941 (14010408)   702.40221 (14112707)   742.79652 (14121307)   775.97149 (13010908)
786.36952 (16110807)
 4191025.2 | 645.32807 (14112707)   678.42490 (14121307)   718.52927 (13010908)   734.80111 (16110807)
737.98934 (14112407)
 4191005.2 | 616.76712 (14121307)   649.04546 (13010908)   684.18804 (16110807)   683.64483 (14112407)
690.48119 (14112407)
 4190985.2 | 584.30825 (13010908)   617.86822 (16110807)   622.72595 (16110807)   654.31110 (14112407)
658.59504 (15011207)
 4190965.2 | 554.84632 (16110807)   563.45250 (16110807)   601.73803 (14112407)   598.18881 (15011207)
621.24620 (15011207)
 4190945.2 | 521.52639 (16110807)   535.23957 (14112407)   560.50666 (14112407)   579.33901 (15011207)
571.09607 (13121408)
 4190925.2 | 488.85269 (14112407)   511.24380 (14112407)   527.67543 (15011207)   545.99890 (15011207)
531.63884 (13121408)
 4190905.2 | 476.01839 (14112407)   471.90458 (14112407)   509.46909 (15011207)   507.80210 (13121408)
485.33384 (13101607)
 4190885.2 | 447.99055 (14112407)   458.63845 (15011207)   476.86349 (15011207)   471.54682 (13121408)
473.93965 (13012108)
 4190865.2 | 420.28117 (15011207)   440.98010 (15011207)   443.59973 (13121408)   427.99330 (13121408)
470.97777 (13012108)
 4190845.2 | 413.30151 (15011207)   414.69997 (15011207)   409.89886 (13121408)   414.70627 (17111708)
462.98277 (13012108)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: HAUL1
***
                                INCLUDING SOURCE(S):   L0000570   , L0000571   , L0000572   ,

                                 *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                      ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560917.30   560937.30   560957.30   560977.30
560997.30
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 4190825.2 | 397.22274 (15011207)   394.31875 (13121408)   375.71345 (13121408)   403.30709 (13012108)
451.71112 (13012108)
 4190805.2 | 374.73626 (13121408)   370.63750 (13121408)   364.40952 (17111708)   402.08489 (13012108)
436.88605 (13012108)
 4190785.2 | 359.20425 (13121408)   342.64756 (13121408)   358.34985 (17111708)   396.85471 (13012108)
419.25182 (13012108)
 4190765.2 | 338.43152 (13121408)   329.19342 (17111708)   350.64084 (13012108)   387.36561 (13012108)
396.49870 (13012108)
 4190745.2 | 313.96320 (13121408)   326.10997 (17111708)   349.57701 (13012108)   372.73615 (13012108)
371.87190 (13012108)
 4190725.2 | 298.37638 (17111708)   319.18436 (17111708)   345.36056 (13012108)   356.90793 (13012108)
352.52436 (13010407)
 4190705.2 | 297.48653 (17111708)   314.37554 (13012108)   338.41078 (13012108)   341.02546 (13012108)
336.48544 (13010407)
 4190685.2 | 293.14533 (17111708)   313.13291 (13012108)   329.15452 (13012108)   324.60149 (13012108)
322.93636 (13013107)
 4190665.2 | 285.81396 (17111708)   309.35332 (13012108)   318.01080 (13012108)   313.52612 (13010407)
318.05705 (13013107)
 4190645.2 | 283.86726 (13012108)   303.35970 (13012108)   305.37898 (13012108)   302.09169 (13010407)
311.53730 (13013107)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: HAUL1
***
                                INCLUDING SOURCE(S):   L0000570   , L0000571   , L0000572   ,

                                 *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                      ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 561017.30   561037.30   561057.30   561077.30
561097.30
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- - - - - - - -

 4191625.2 | 482.21518 (13040307)   556.26759 (13040307)   593.72190 (13040307)   591.77020 (13040307)
598.40603 (17112408)
 4191605.2 | 480.05244 (13040307)   563.67183 (13040307)   611.76066 (13040307)   619.47526 (13040307)
621.95743 (17112408)
 4191585.2 | 481.18056 (13040307)   569.20356 (13040307)   615.76105 (13040307)   644.34485 (13040307)
645.62597 (17112408)
 4191565.2 | 472.59787 (13040307)   572.69628 (13040307)   627.87517 (13040307)   655.60084 (13040307)
659.99990 (17112408)
 4191545.2 | 464.77516 (14122308)   569.82002 (13040307)   640.77340 (13040307)   673.69665 (13040307)
680.35954 (17112408)

 4191525.2 | 486.96222 (16010407)   561.56552 (13040307)   652.16038 (13040307)   695.83234 (13040307)
710.38139 (13040307)
 4191505.2 | 519.89711 (16010407)   566.08948 (13040307)   664.85172 (13040307)   736.26920 (13040307)
752.57271 (13040307)
 4191485.2 | 543.14765 (16010407)   565.11980 (13040307)   682.20388 (13040307)   758.19920 (13040307)
784.93354 (13040307)
 4191465.2 | 558.51315 (16010407)   589.35936 (16010407)   704.38404 (13040307)   764.41435 (13040307)
804.52445 (13040307)
 4191445.2 | 595.46435 (13032907)   618.31980 (16010407)   712.69877 (13040307)   808.44534 (13040307)
848.03803 (13040307)
 4191425.2 | 664.22112 (13032907)   642.24574 (16010407)   714.76054 (13040307)   838.16295 (13040307)
889.29201 (13040307)
 4191405.2 | 720.31595 (13032907)   715.87208 (13032907)   712.33073 (13040307)   859.64372 (13040307)
922.56221 (13040307)
 4191385.2 | 762.22460 (13032907)   785.58671 (13032907)   773.68380 (13032907)   880.23440 (13040307)
956.87387 (13040307)
 4191365.2 | 785.74923 (13032907)   843.18074 (13032907)   858.34680 (13032907)   899.15049 (13040307)
1005.86246 (13040307)
 4191345.2 | 855.50437 (15020308)   886.06854 (13032907)   933.20216 (13032907)   941.44565 (13032907)
1056.39003 (13040307)
 4191325.2 | 936.79850 (13121108)   960.21794 (14120907)   1003.65680 (13032907)   1059.90000 (13032907)
1106.89743 (13040307)
 4191305.2 | 1049.53895 (13121108)   1099.13545 (13121108)   1125.02098 (14120907)   1162.97241 (13032907)
1215.18699 (13032907)
 4191285.2 | 1088.22419 (15021108)   1214.76396 (13121108)   1312.97787 (13121108)   1354.87142 (13121108)
1392.00751 (14120907)
 4191265.2 | 1204.17959 (17112007)   1331.77218 (17112007)   1459.11063 (15021108)   1568.98008 (15021108)
1292.25928 (17112007)
 4191245.2 | 1292.83789 (16012008)   1488.28033 (16012008)   1708.89356 (14010708)   1221.46284 (13030108)
1457.50909 (13030108)
 4191225.2 | 1477.55231 (13030108)   1726.80811 (13030108)   1068.92053 (15012608)   1239.66219 (15032607)
1467.18013 (14010608)
 4191205.2 | 1451.89879 (14010608)   1661.98534 (14010608)   1019.62193 (13121309)   1225.30629 (17012607)
1499.18244 (13122608)
 4191185.2 | 1399.41306 (17012607)   1691.77486 (17012607)   1939.01195 (13122608)   1253.91253 (13110808)
1422.59314 (13110808)
 4191165.2 | 1418.35532 (17012607)   1599.94171 (13110808)   1743.72930 (14091607)   1778.36334 (14091607)
1675.13201 (13010908)
 4191145.2 | 1348.14421 (13110808)   1396.76185 (14091607)   1392.74261 (14021208)   1435.85533 (13010908)
1382.69476 (15011208)
 4191125.2 | 1154.13115 (14091607)   1195.53498 (15011408)   1242.52310 (13010908)   1227.38024 (14112407)
1230.93890 (14112008)
 4191105.2 | 1006.23373 (15011408)   1084.28788 (13010908)   1127.99543 (14112407)   1098.91987 (15011207)
1108.02727 (14112008)
 4191085.2 | 932.92812 (13010908)   973.07981 (14112407)   1012.01144 (15011207)   995.62613 (14112008)
1007.85016 (14112008)
 4191065.2 | 847.95761 (16110807)   878.36358 (14112407)   900.50875 (15011207)   933.14220 (14112008)
927.11080 (14040707)
 4191045.2 | 799.47053 (14112407)   795.66777 (15011207)   772.76275 (14112008)   874.53310 (13012108)
862.00000 (13013107)
 4191025.2 | 758.11893 (15011207)   752.60455 (15011207)   733.47160 (14112008)   770.82622 (13012108)
792.03386 (13013107)
 4191005.2 | 721.74637 (15011207)   681.06140 (13121408)   710.33696 (13012108)   711.07684 (13012108)
738.38362 (13013107)
 4190985.2 | 654.70288 (15011207)   644.09592 (13012108)   693.95630 (13012108)   680.69801 (13013107)
697.42686 (13013107)
 4190965.2 | 598.63359 (13121408)   637.15327 (13012108)   670.69931 (13012108)   666.17857 (13013107)
654.86681 (13013107)
 4190945.2 | 553.48613 (13012108)   623.84358 (13012108)   633.45743 (13012108)   635.27338 (13013107)
618.53025 (13010807)
 4190925.2 | 557.20285 (13012108)   602.23725 (13012108)   586.44885 (13012108)   596.28609 (13013107)
586.32459 (13010807)
 4190905.2 | 547.34564 (13012108)   568.60296 (13012108)   553.12917 (13013107)   555.17534 (13013107)
554.50035 (13010807)
 4190885.2 | 528.79825 (13012108)   530.30095 (13012108)   524.51163 (13013107)   520.35802 (13013107)
529.16280 (13010807)
 4190865.2 | 503.97912 (13012108)   488.58381 (13012108)   498.49604 (13013107)   490.99268 (13013107)
504.96818 (13010807)
 4190845.2 | 475.17217 (13012108)   456.84234 (13013107)   478.96173 (13013107)   464.44281 (13010807)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL1 ***

INCLUDING SOURCE(S): L0000570 , L0000571 , L0000572 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	561017.30	561037.30	561057.30	561077.30	561097.30
4190825.2	449.00971 (13012108)	441.81298 (13013107)	454.08268 (13013107)	444.70061 (13010807)	452.66122 (13010807)
4190805.2	423.45211 (13012108)	426.85260 (13013107)	427.24638 (13013107)	423.46132 (13010807)	426.44712 (13010807)
4190785.2	401.37582 (13010407)	414.08988 (13013107)	407.46246 (13013107)	409.52008 (13010807)	409.01715 (15010808)
4190765.2	383.30485 (13013107)	400.36430 (13013107)	387.64213 (13013107)	395.74779 (13010807)	394.44107 (15010808)
4190745.2	375.32471 (13013107)	386.76181 (13013107)	367.96302 (13013107)	382.18143 (13010807)	380.38614 (15010808)
4190725.2	369.69668 (13013107)	376.28284 (13013107)	358.65933 (13010807)	369.68884 (13010807)	366.84019 (15010808)
4190705.2	361.27104 (13013107)	362.54233 (13013107)	351.52226 (13010807)	357.34224 (13010807)	353.79160 (15010808)
4190685.2	350.64734 (13013107)	346.52695 (13013107)	342.07220 (13010807)	345.18071 (13010807)	341.22877 (15010808)
4190665.2	339.35359 (13013107)	330.53267 (13013107)	333.76884 (13010807)	338.79541 (13010807)	334.35670 (15010808)
4190645.2	326.01210 (13013107)	313.66664 (13013107)	324.75666 (13010807)	330.12163 (13010807)	325.17717 (15010808)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL1 ***

INCLUDING SOURCE(S): L0000570 , L0000571 , L0000572 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	561117.30	561137.30	561157.30	561177.30	561197.30
4191625.2	568.13477 (17112408)	582.47548 (15011607)	569.44075 (15011607)	540.05446 (15010517)	576.72229 (15010517)
4191605.2	597.58355 (17112408)	604.61214 (15011607)	592.84129 (15011607)	566.67752 (15010517)	598.95635 (15010517)

 4191585.2 | 627.69587 (17112408)   627.88349 (15011607)   617.53585 (15011607)   594.21896 (15010517)
621.59063 (15010517)
 4191565.2 | 658.33748 (17112408)   652.35028 (15011607)   643.57541 (15011607)   622.61236 (15010517)
644.59481 (15010517)
 4191545.2 | 689.37739 (17112408)   678.07727 (15011607)   671.00211 (15011607)   651.77509 (15010517)
667.94494 (15010517)
 4191525.2 | 720.70596 (17112408)   705.13433 (15011607)   699.84531 (15011607)   681.60904 (15010517)
691.62478 (15010517)
 4191505.2 | 752.25858 (17112408)   733.59760 (15011607)   730.11670 (15011607)   712.00193 (15010517)
743.55875 (14112517)
 4191485.2 | 784.04241 (17112408)   763.55057 (15011607)   761.80452 (15011607)   751.40817 (14012008)
806.52032 (14112517)
 4191465.2 | 816.16107 (17112408)   795.08404 (15011607)   794.86695 (15011607)   796.41082 (14012008)
870.09084 (14112517)
 4191445.2 | 852.18342 (13040307)   838.36859 (14012908)   829.22490 (15011607)   844.70417 (14012008)
933.17797 (14112517)
 4191425.2 | 892.80172 (13040307)   896.38011 (14012908)   883.48261 (15011607)   929.04142 (14112517)
1024.39337 (14112517)
 4191405.2 | 938.65106 (13040307)   965.88716 (14012908)   954.81726 (14012008)   1033.16552 (14112517)
1111.26247 (14112517)
 4191385.2 | 973.16699 (13040307)   990.75636 (14012908)   1006.25374 (14012008)   1089.50579 (14112517)
1141.44360 (14112517)
 4191365.2 | 1041.15279 (13040307)   1055.56914 (14012908)   1085.89931 (14012008)   1173.03514 (14112517)
1191.28569 (14112517)
 4191345.2 | 1123.16901 (13040307)   1153.19601 (14012908)   1203.91147 (14112517)   1291.29092 (14112517)
1352.12580 (13121308)
 4191325.2 | 1181.74197 (14012908)   1229.43224 (14012008)   1314.77568 (14112517)   1388.07126 (13121308)
1488.37739 (13121308)
 4191305.2 | 1252.78667 (14012908)   1356.07305 (14012008)   1421.80006 (14112517)   1522.60641 (13121308)
1717.05752 (15012009)
 4191285.2 | 1415.72868 (14120907)   1502.35671 (13011807)   958.76307 (14120907)   1551.64969 (15012009)
1468.90357 (14012907)
 4191265.2 | 688.29914 (15021007)   1028.44199 (15010507)   886.14872 (15012009)   783.39293 (13011717)
1620.58155 (14121317)
 4191245.2 | 729.29708 (13030108)   863.98010 (13030108)   940.43841 (14121317)   842.21413 (14121317)
738.28905 (14121317)
 4191225.2 | 688.51381 (13121309)   831.53898 (15101007)   973.81406 (17111317)   856.98010 (17111317)
767.23570 (17111317)
 4191205.2 | 718.19381 (13122608)   833.74155 (13110808)   1010.04752 (14091607)   868.92862 (17111317)
1449.93182 (13012507)
 4191185.2 | 1485.69940 (14091607)   1475.00874 (15011208)   943.89432 (14010617)   1433.87228 (13030207)
1436.66881 (14010617)
 4191165.2 | 1560.84227 (15011208)   1503.80137 (14040707)   1378.41666 (14040707)   1264.33103 (13121217)
1241.17111 (14010617)
 4191145.2 | 1379.44896 (14040707)   1318.74788 (14040707)   1205.62034 (13012408)   1157.82996 (13121217)
1092.95155 (13121217)
 4191125.2 | 1219.17283 (14040707)   1138.11394 (14040707)   1081.71987 (15011308)   1050.64938 (13121217)
1011.47821 (13121217)
 4191105.2 | 1069.58380 (14040707)   1015.22221 (13012408)   974.48275 (15011308)   953.92100 (13112107)
945.59800 (13121217)
 4191085.2 | 962.91011 (14040707)   937.01196 (13012408)   906.65699 (15011308)   894.07264 (13112107)
884.30489 (13121217)
 4191065.2 | 887.27331 (13010807)   866.89294 (13012408)   846.00481 (15011308)   836.94869 (13112107)
826.32975 (15010907)
 4191045.2 | 836.14623 (13010807)   807.21107 (15010808)   791.41959 (15011308)   785.53153 (16120508)
780.18690 (15010907)
 4191025.2 | 801.89775 (13010807)   763.12979 (15010808)   742.04206 (15011308)   740.67434 (16120508)
738.47054 (16111207)
 4191005.2 | 754.69669 (13010807)   719.02253 (15010808)   701.32778 (15012007)   696.38053 (16120508)
701.78978 (16120508)
 4190985.2 | 703.70269 (13010807)   675.82517 (15010808)   663.28542 (15012007)   663.86207 (15012007)
668.59489 (16120508)
 4190965.2 | 651.12403 (13010807)   624.04064 (15010808)   620.31414 (15012007)   631.74094 (15012007)
624.68986 (16120508)
 4190945.2 | 610.91621 (15010808)   584.53388 (15010808)   582.44557 (15012007)   596.54958 (15012007)
588.34818 (16120508)
 4190925.2 | 582.22139 (15010808)   553.32738 (15010808)   547.44021 (15012007)   562.18054 (15012007)
556.58021 (16120508)
 4190905.2 | 555.11854 (15010808)   526.60965 (13120207)   519.43639 (15012007)   537.98550 (15012007)

526.94338 (16120508)
 4190885.2 | 529.48859 (15010808)   504.53452 (13120207)   493.06479 (15012007)   514.86552 (15012007)
498.61551 (15012007)
 4190865.2 | 505.23202 (15010808)   482.51409 (13120207)   467.12787 (15012007)   491.57123 (15012007)
479.61425 (15012007)
 4190845.2 | 472.68915 (15010808)   448.29026 (13120207)   430.32586 (15011308)   454.94924 (15012007)
447.05685 (15012007)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: HAUL1
***
                                INCLUDING SOURCE(S):   L0000570   , L0000571   , L0000572   ,

                                 *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                      ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 561117.30   561137.30   561157.30   561177.30
561197.30
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 4190825.2 | 443.59393 (15010808)   424.00346 (13120207)   405.68600 (15011308)   429.28475 (15012007)
424.91031 (15012007)
 4190805.2 | 418.90242 (15010808)   407.30683 (13120207)   388.38372 (15011308)   412.13080 (15012007)
410.83622 (15012007)
 4190785.2 | 401.17422 (15010808)   392.62244 (13120207)   372.30404 (13120207)   395.70855 (15012007)
397.18756 (15012007)
 4190765.2 | 384.28862 (15010808)   378.68252 (13120207)   358.66547 (13120207)   380.00567 (15012007)
383.96226 (15012007)
 4190745.2 | 368.21225 (15010808)   365.44459 (13120207)   345.74629 (13120207)   365.00593 (15012007)
371.15894 (15012007)
 4190725.2 | 353.52090 (13121808)   352.86828 (13120207)   333.50299 (13120207)   350.68988 (15012007)
358.77589 (15012007)
 4190705.2 | 340.38436 (13121808)   340.91529 (13120207)   321.89436 (13120207)   337.03556 (15012007)
346.81051 (15012007)
 4190685.2 | 327.83375 (13121808)   329.54939 (13120207)   310.88148 (13120207)   324.01917 (15012007)
335.25896 (15012007)
 4190665.2 | 315.84391 (13121808)   318.73639 (13120207)   300.42771 (13120207)   311.61569 (15012007)
324.11607 (15012007)
 4190645.2 | 306.00867 (13120207)   308.44404 (13120207)   290.49864 (13120207)   299.79935 (15012007)
313.37535 (15012007)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: HAUL1
***
                                INCLUDING SOURCE(S):   L0000570   , L0000571   , L0000572   ,

                                 *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                      ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 561217.30   561237.30   561257.30   561277.30
561297.30
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 4191625.2 | 566.09309 (15010517)   599.78003 (14112517)   630.50401 (14112517)   608.99784 (14112517)
561.70817 (15021907)
 4191605.2 | 581.97156 (15010517)   639.14937 (14112517)   657.88861 (14112517)   620.38039 (14112517)
607.35759 (13121417)
 4191585.2 | 617.75234 (14112517)   678.32984 (14112517)   682.99301 (14112517)   627.73304 (14112517)
657.34676 (13121417)
 4191565.2 | 666.76045 (14112517)   716.73193 (14112517)   705.16534 (14112517)   660.86540 (15021907)
700.99924 (13121417)
 4191545.2 | 716.72668 (14112517)   753.71059 (14112517)   723.70766 (14112517)   715.72960 (13121417)
735.52379 (13121417)
 4191525.2 | 766.99802 (14112517)   788.57961 (14112517)   737.86583 (14112517)   769.61117 (13121417)
758.00749 (13121417)
 4191505.2 | 816.84328 (14112517)   820.62144 (14112517)   784.72283 (15021907)   813.87173 (13121417)
789.34660 (13121308)
 4191485.2 | 858.13427 (14112517)   837.75164 (14112517)   842.67862 (13121417)   848.40366 (13121308)
805.49444 (13121308)
 4191465.2 | 895.04407 (14112517)   838.95054 (14112517)   893.60833 (13121417)   893.86751 (13121308)
806.54662 (13121308)
 4191445.2 | 965.63135 (14112517)   955.96899 (15021907)   980.09322 (13121308)   945.18370 (13121308)
859.63116 (17031607)
 4191425.2 | 1039.91407 (14112517)   1042.61798 (15021907)   1055.15428 (13121308)   957.97809 (13121308)
1040.52205 (15020708)
 4191405.2 | 1104.39149 (14112517)   1132.91303 (13121308)   1100.62487 (13121308)   1098.46032 (15020708)
1257.52204 (15012009)
 4191385.2 | 1184.23918 (15021907)   1221.07772 (13121308)   1146.64713 (15020708)   1319.30473 (15012009)
1369.57250 (15012009)
 4191365.2 | 1282.49741 (13121308)   1266.06732 (13121308)   1391.95603 (15012009)   1442.96978 (15012009)
1336.42814 (15012009)
 4191345.2 | 1351.55877 (13121308)   1456.37957 (15012009)   1556.74521 (15012009)   1454.55761 (15012009)
1439.06784 (14012907)
 4191325.2 | 1600.11456 (15012009)   1674.78211 (15012009)   1592.78059 (14012907)   1589.46924 (14012907)
1539.20839 (13011717)
 4191305.2 | 1867.78394 (15012009)   1837.59663 (14012907)   1750.67404 (14012907)   1705.87032 (13011717)
1515.25631 (13011717)
 4191285.2 | 1400.10056 (13011717)   2074.69015 (13011717)   1909.80396 (14121317)   1827.52875 (14121317)
1696.96047 (14121317)
 4191265.2 | 1588.96097 (14121317)   1413.19539 (14121317)   2222.19157 (14121317)   1848.75069 (14121317)
1529.89752 (14091907)
 4191245.2 | 1505.89097 (14121317)   1261.44987 (13020407)   2060.24275 (17111317)   1924.58700 (13121617)
1773.84554 (13121617)
 4191225.2 | 1664.36001 (17111317)   1522.95948 (17111317)   2128.41555 (17111317)   1961.37584 (17111317)
1821.49793 (17111317)
 4191205.2 | 1381.36555 (17111317)   1630.67211 (17111317)   1572.03514 (17111317)   1501.21987 (17111317)
1424.03087 (17111317)
 4191185.2 | 1420.13697 (14010617)   1377.65919 (14010617)   1309.68200 (17113007)   1239.52186 (17113007)
1137.98973 (17113007)
 4191165.2 | 1269.78032 (14010617)   1269.13456 (14010617)   1225.72005 (14010617)   1133.90011 (14010617)
1056.05451 (14112408)
 4191145.2 | 1067.15245 (14010617)   1126.76150 (14010617)   1126.95643 (14010617)   1108.07773 (14010617)
1041.48367 (14010617)
 4191125.2 | 982.55987 (13121217)   941.99709 (14010617)   997.60119 (14010617)   1019.12176 (14010617)
989.30193 (14010617)
 4191105.2 | 928.98438 (13121217)   882.24082 (15010807)   829.44466 (17112308)   863.53240 (14010617)
888.73609 (14010617)
 4191085.2 | 870.71129 (13121217)   823.38731 (15010807)   788.35005 (15010807)   761.33846 (17112308)
772.07162 (14010617)
 4191065.2 | 820.93131 (13121217)   784.28412 (13121217)   757.37513 (15010807)   715.89161 (15010807)
704.97219 (17112308)
 4191045.2 | 772.85386 (13121217)   752.98346 (13121217)   721.61834 (15010807)   701.15895 (15010807)
647.43516 (16120808)
 4191025.2 | 728.18617 (15010907)   719.00825 (13121217)   676.90289 (15010807)   669.82589 (15010807)
627.20701 (15010807)
 4191005.2 | 689.45372 (15010907)   674.20737 (13121217)   649.16681 (13121217)   628.85425 (15010807)
609.55856 (15010807)
 4190985.2 | 648.73013 (15010907)   624.30582 (13121217)   615.18765 (13121217)   582.88839 (15010807)
589.07288 (15010807)
 4190965.2 | 613.85255 (16111207)   598.33317 (15010907)   589.89490 (13121217)   560.24161 (13121217)

559.51839 (15010807)
 4190945.2 | 580.69895 (16111207)   569.64081 (15010907)   559.61114 (13121217)   545.99881 (13121217)
521.81540 (15010807)
 4190925.2 | 551.64255 (16111207)   537.02998 (15010907)   527.40665 (15010907)   527.71287 (13121217)
498.69247 (13111408)
 4190905.2 | 538.24750 (16120508)   531.18058 (16111207)   515.92675 (15010907)   505.88038 (13121217)
485.88745 (13121217)
 4190885.2 | 514.65936 (16120508)   509.78605 (16111207)   498.15815 (15010907)   481.07428 (13121217)
473.26751 (13121217)
 4190865.2 | 485.06091 (16120508)   478.01717 (16111207)   475.49387 (15010907)   457.79599 (15010907)
458.07711 (13121217)
 4190845.2 | 458.86333 (16120508)   464.83891 (16111207)   456.05298 (15010907)   452.75425 (15010907)
446.28902 (13121217)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: HAUL1
***
                                INCLUDING SOURCE(S):   L0000570   , L0000571   , L0000572   ,

                                 *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                      ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 561217.30   561237.30   561257.30   561277.30
561297.30
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 4190825.2 | 432.33877 (16120508)   441.46868 (16120508)   439.63717 (16111207)   438.31104 (15010907)
423.95961 (13121217)
 4190805.2 | 405.75966 (16120508)   415.83617 (16120508)   424.23689 (16111207)   418.66056 (15010907)
400.36987 (15010907)
 4190785.2 | 386.37739 (16120508)   401.13371 (16120508)   410.01067 (16111207)   402.64856 (15010907)
390.79537 (15010907)
 4190765.2 | 367.34290 (16120508)   385.26624 (16120508)   392.69718 (16111207)   384.28595 (16111207)
380.36702 (15010907)
 4190745.2 | 352.40222 (15012007)   369.41091 (16120508)   373.60807 (16111207)   372.04300 (16111207)
369.20010 (15010907)
 4190725.2 | 343.10449 (15012007)   353.66337 (16120508)   356.23238 (16120508)   359.88323 (16111207)
357.93439 (15010907)
 4190705.2 | 333.97625 (15012007)   338.84987 (16120508)   343.96232 (16120508)   345.80734 (16111207)
341.30574 (15010907)
 4190685.2 | 325.02396 (15012007)   324.19780 (16120508)   332.97923 (16120508)   330.74687 (16111207)
321.94045 (16111207)
 4190665.2 | 316.25413 (15012007)   309.78535 (16120508)   321.78517 (16120508)   319.52066 (16111207)
314.73370 (16111207)
 4190645.2 | 307.67290 (15012007)   295.67862 (16120508)   310.46798 (16120508)   307.92978 (16111207)
306.81673 (16111207)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: HAUL1
***
                                INCLUDING SOURCE(S):   L0000570   , L0000571   , L0000572   ,

                                 *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 561317.30	561337.30	561357.30	561377.30	561397.30
4191625.2	604.69414 (13121417)	612.23470 (13121417)	580.36115 (13121308)	553.33233 (13122017)	509.52474 (13122017)
4191605.2	639.77503 (13121417)	623.32030 (13121417)	593.09230 (15020707)	559.67317 (13122017)	518.20709 (17031607)
4191585.2	666.31764 (13121417)	638.83671 (13121308)	603.95239 (13122017)	548.12550 (13122017)	576.20071 (17031607)
4191565.2	681.92270 (13121417)	648.42493 (13121308)	607.95315 (13122017)	596.04140 (17031607)	613.32249 (17031607)
4191545.2	704.18002 (13121308)	653.81305 (13122017)	611.47365 (17031607)	648.54379 (17031607)	687.13717 (15020708)
4191525.2	716.05348 (13121308)	653.55360 (13122017)	680.95498 (17031607)	719.01391 (15020708)	790.55054 (15012009)
4191505.2	710.25334 (13121308)	701.88229 (17031607)	751.05442 (15020708)	832.79216 (15012009)	893.59539 (15012009)
4191485.2	720.62291 (17031607)	775.65401 (15020708)	872.31458 (15012009)	951.49604 (15012009)	942.85479 (15012009)
4191465.2	811.67902 (17031607)	914.34983 (15012009)	993.81353 (15012009)	1010.74221 (15012009)	918.54982 (15012009)
4191445.2	966.82717 (15020708)	1064.87077 (15012009)	1065.83616 (15012009)	989.09422 (15012009)	923.53134 (16120517)
4191425.2	1156.44235 (15012009)	1163.90413 (15012009)	1062.59733 (15012009)	998.53948 (16120517)	978.17754 (14012907)
4191405.2	1293.94860 (15012009)	1178.22598 (15012009)	1087.00415 (16120517)	1070.03557 (14012907)	996.74247 (14010709)
4191385.2	1247.88844 (15012009)	1179.62546 (14012907)	1143.69257 (14012907)	1065.51457 (13011717)	1099.59582 (13011717)
4191365.2	1296.17406 (14012907)	1224.32801 (14012907)	1206.88475 (13011717)	1178.57837 (13011717)	1090.24869 (13011717)
4191345.2	1339.31107 (13011717)	1351.63707 (13011717)	1250.55502 (13011717)	1072.32649 (13011717)	1067.92964 (13121117)
4191325.2	1464.76681 (13011717)	1272.72061 (13011717)	1216.18253 (13121117)	1203.81921 (13012308)	1189.74703 (13012308)
4191305.2	1453.03112 (13012308)	1429.96494 (13012308)	1365.94544 (13010717)	1291.82215 (13010717)	1203.08868 (13010717)
4191285.2	1586.98019 (13010717)	1440.40961 (13010717)	1269.58676 (13010717)	1122.75850 (14091907)	1081.69626 (14091907)
4191265.2	1484.66487 (14091907)	1366.85386 (14091907)	1236.91525 (13020407)	1178.90622 (13020407)	1120.29986 (13020407)
4191245.2	1658.95958 (13121617)	1510.24953 (13121617)	1364.69791 (13121617)	1281.82236 (13121617)	1217.15464 (13121617)
4191225.2	1703.06710 (17111317)	1568.01845 (17111317)	1388.86540 (17111317)	1293.16029 (17111317)	1228.50365 (17111317)
4191205.2	1388.77322 (17111317)	1347.47895 (17111317)	1229.34503 (17111317)	1174.02437 (17111317)	1139.11028 (17111317)
4191185.2	1089.46598 (13012507)	1042.20986 (13012507)	942.26848 (13012507)	861.90459 (13012507)	847.85655 (17111317)
4191165.2	1006.57261 (17113007)	946.41653 (17113007)	830.16461 (13012507)	791.47451 (13012507)	764.51315 (13012507)
4191145.2	955.62150 (14112408)	871.04777 (14112408)	815.03803 (17113007)	740.71748 (17113007)	686.21704 (17113007)
4191125.2	943.21926 (14010617)	848.81896 (14112408)	774.52404 (14112408)	689.76710 (13012407)	669.49379 (17113007)
4191105.2	880.94687 (14010617)	837.04658 (14010617)	749.00972 (14010617)	686.28912 (14112408)	635.93906 (14112408)
4191085.2	788.97784 (14010617)	795.46863 (14010617)	766.00538 (14010617)	669.43025 (14010617)	625.71237 (14112408)
4191065.2	689.73178 (17112308)	716.49659 (14010617)	725.92349 (14010617)	676.79577 (14010617)	621.94319 (14010617)
4191045.2	641.99974 (17112308)	640.12499 (17112308)	645.88069 (14010617)	642.52989 (14010617)	624.54821 (14010617)
4191025.2	595.65067 (16120808)	597.67034 (17112308)	597.63374 (17112308)	578.69590 (14010617)	

590.51308 (14010617)
 4191005.2 | 563.79309 (15010807)   560.85265 (16120808)   559.82915 (17112308)   548.34893 (17112308)
528.81966 (14010617)
 4190985.2 | 563.72398 (15010807)   518.15696 (16120808)   528.51931 (16120808)   516.15360 (17112308)
513.02346 (17112308)
 4190965.2 | 553.04895 (15010807)   515.92631 (15010807)   492.21448 (16120808)   489.49853 (16120808)
484.70215 (17112308)
 4190945.2 | 532.93859 (15010807)   514.46546 (15010807)   466.09427 (15010807)   460.16880 (16120808)
460.79148 (16120808)
 4190925.2 | 504.46580 (15010807)   503.29115 (15010807)   472.82227 (15010807)   420.78986 (16122208)
436.82308 (16120808)
 4190905.2 | 468.92177 (15010807)   483.50027 (15010807)   471.06668 (15010807)   430.77316 (15010807)
404.76044 (16120808)
 4190885.2 | 455.26069 (13111408)   456.30028 (15010807)   459.33546 (15010807)   437.03720 (15010807)
395.79155 (16122208)
 4190865.2 | 441.65225 (13111408)   423.11965 (15010807)   439.95318 (15010807)   432.57771 (15010807)
397.59588 (15010807)
 4190845.2 | 423.00825 (13121217)   412.93159 (13111408)   414.16407 (15010807)   420.40486 (15010807)
399.68306 (15010807)

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: HAUL1
***
                               INCLUDING SOURCE(S):   L0000570   , L0000571   , L0000572   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 561317.30   561337.30   561357.30   561377.30
561397.30
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 4190825.2 | 416.91984 (13121217)   406.93580 (13111408)   386.44725 (13111408)   401.56019 (15010807)
394.27814 (15010807)
 4190805.2 | 407.95385 (13121217)   398.74967 (13111408)   383.38620 (13111408)   377.93308 (15010807)
382.92864 (15010807)
 4190785.2 | 382.25505 (13121217)   380.81303 (13121217)   384.44025 (13111408)   360.53823 (13111408)
368.90021 (15010807)
 4190765.2 | 359.44478 (13121217)   366.83159 (13121217)   370.99340 (13111408)   360.12966 (13111408)
348.49581 (15010807)
 4190745.2 | 346.33310 (15010907)   350.12173 (13121217)   348.39932 (13111408)   353.31503 (13111408)
331.22341 (13111408)
 4190725.2 | 349.28704 (15010907)   342.70896 (13121217)   339.49030 (13121217)   340.24881 (13111408)
328.32080 (13111408)
 4190705.2 | 341.30571 (15010907)   326.65326 (13121217)   330.37473 (13121217)   326.48072 (13111408)
323.12643 (13111408)
 4190685.2 | 327.08432 (15010907)   314.43666 (15010907)   318.28628 (13121217)   312.31725 (13111408)
315.45945 (13111408)
 4190665.2 | 314.57200 (15010907)   306.28566 (15010907)   302.32038 (13121217)   303.81858 (13121217)
306.45814 (13111408)
 4190645.2 | 301.84427 (15010907)   298.32726 (15010907)   286.49309 (13121217)   293.46219 (13121217)
292.49458 (13111408)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL1 ***

INCLUDING SOURCE(S): L0000570 , L0000571 , L0000572 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
560122.00	4190978.00	116.23073	(14010608)	560142.00	4190978.00	119.23341	(14012007)
560162.00	4190978.00	122.88629	(14012007)	560182.00	4190978.00	126.44607	(14012007)
560202.00	4190978.00	129.93179	(14012007)	560222.00	4190978.00	133.69255	(14021508)
560242.00	4190978.00	139.21160	(17113008)	560262.00	4190978.00	144.68711	(17113008)
560102.00	4190998.00	120.00827	(14010608)	560122.00	4190998.00	121.91586	(14010608)
560142.00	4190998.00	124.06663	(14010608)	560162.00	4190998.00	126.10504	(14010608)
560182.00	4190998.00	127.97244	(14010608)	560202.00	4190998.00	129.64189	(14010608)
560222.00	4190998.00	132.99248	(14012007)	560242.00	4190998.00	137.40730	(14012007)
560262.00	4190998.00	141.61451	(14012007)	560282.00	4190998.00	145.72451	(14012007)
560302.00	4190998.00	151.53572	(17113008)	560322.00	4190998.00	158.14430	(17113008)
560102.00	4191018.00	121.19537	(14010608)	560122.00	4191018.00	124.00965	(14010608)
560142.00	4191018.00	127.14979	(14010608)	560162.00	4191018.00	130.25596	(14010608)
560182.00	4191018.00	133.27819	(14010608)	560202.00	4191018.00	136.19134	(14010608)
560222.00	4191018.00	138.96754	(14010608)	560242.00	4191018.00	141.57603	(14010608)
560262.00	4191018.00	143.98308	(14010608)	560282.00	4191018.00	146.15196	(14010608)
560302.00	4191018.00	149.77843	(14012007)	560322.00	4191018.00	155.08445	(14012007)
560342.00	4191018.00	160.12516	(14012007)	560362.00	4191018.00	165.19772	(14021508)
560382.00	4191018.00	172.90657	(17113008)	560402.00	4191018.00	181.01085	(17113008)
560102.00	4191038.00	118.58315	(15012608)	560122.00	4191038.00	122.07077	(14010608)
560142.00	4191038.00	126.02407	(14010608)	560162.00	4191038.00	130.01560	(14010608)
560182.00	4191038.00	134.02230	(14010608)	560202.00	4191038.00	138.02520	(14010608)
560222.00	4191038.00	142.00231	(14010608)	560242.00	4191038.00	145.92834	(14010608)
560262.00	4191038.00	149.77437	(14010608)	560282.00	4191038.00	153.50754	(14010608)
560302.00	4191038.00	157.08818	(14010608)	560322.00	4191038.00	160.47418	(14010608)
560342.00	4191038.00	163.62329	(14010608)	560362.00	4191038.00	166.47932	(14010608)
560382.00	4191038.00	170.49023	(14012007)	560402.00	4191038.00	177.08833	(14012007)
560422.00	4191038.00	183.51615	(14012007)	560442.00	4191038.00	191.39341	(17113008)
560462.00	4191038.00	201.34756	(17113008)	560082.00	4191058.00	120.43108	(15012608)
560102.00	4191058.00	122.90042	(15012608)	560122.00	4191058.00	125.60473	

(15012608)
        560142.00   4191058.00   128.29139 (15012608)   560162.00   4191058.00   130.94832
(15012608)
        560182.00   4191058.00   133.56187 (15012608)   560202.00   4191058.00   136.11666
(15012608)
        560222.00   4191058.00   139.77082 (14010608)   560242.00   4191058.00   144.74668
(14010608)
        560262.00   4191058.00   149.77713 (14010608)   560282.00   4191058.00   154.83952
(14010608)
        560302.00   4191058.00   159.90291 (14010608)   560322.00   4191058.00   164.93758
(14010608)
        560342.00   4191058.00   169.90828 (14010608)   560362.00   4191058.00   174.76652
(14010608)
        560382.00   4191058.00   179.46851 (14010608)   560402.00   4191058.00   183.95377
(14010608)
        560422.00   4191058.00   188.15809 (14010608)   560442.00   4191058.00   192.01112
(14010608)
        560462.00   4191058.00   196.86826 (14012007)   560082.00   4191078.00   120.21947
(15012608)
        560102.00   4191078.00   123.32671 (15012608)   560122.00   4191078.00   126.73469
(15012608)
        560142.00   4191078.00   130.19518 (15012608)   560162.00   4191078.00   133.70122
(15012608)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: HAUL1
***
                                INCLUDING SOURCE(S):   L0000570   , L0000571   , L0000572   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                       ** CONC OF PM_10   IN MICROGRAMS/M**3   **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC
(YYMMDDHH)
 -
- - - - - - - -
        560182.00   4191078.00   137.24448 (15012608)   560202.00   4191078.00   140.81505
(15012608)
        560222.00   4191078.00   144.40096 (15012608)   560242.00   4191078.00   147.98365
(15012608)
        560262.00   4191078.00   151.55309 (15012608)   560282.00   4191078.00   155.08786
(15012608)
        560302.00   4191078.00   158.56769 (15012608)   560322.00   4191078.00   162.30403
(14010608)
        560342.00   4191078.00   168.70683 (14010608)   560362.00   4191078.00   175.20171
(14010608)
        560382.00   4191078.00   181.76073 (14010608)   560402.00   4191078.00   188.33948
(14010608)
        560422.00   4191078.00   194.89307 (14010608)   560442.00   4191078.00   201.36521
(14010608)
        560462.00   4191078.00   207.68717 (14010608)   560482.00   4191078.00   213.77823
(14010608)
        560502.00   4191078.00   219.54450 (14010608)   560082.00   4191098.00   118.02733
(13122707)
        560102.00   4191098.00   121.01416 (17101307)   560122.00   4191098.00   124.39633
(17101307)
        560142.00   4191098.00   127.84965 (17101307)   560162.00   4191098.00   131.63999
(15012608)
        560182.00   4191098.00   135.86761 (15012608)   560202.00   4191098.00   140.20693
(15012608)
        560222.00   4191098.00   144.65290 (15012608)   560242.00   4191098.00   149.19729
(15012608)

```
        560262.00   4191098.00      153.83784  (15012608)              560282.00   4191098.00      158.56167
(15012608)
        560302.00   4191098.00      163.36011  (15012608)              560322.00   4191098.00      168.21969
(15012608)
        560342.00   4191098.00      173.12012  (15012608)              560362.00   4191098.00      178.04519
(15012608)
        560382.00   4191098.00      182.96974  (15012608)              560402.00   4191098.00      187.86390
(15012608)
        560422.00   4191098.00      192.69239  (15012608)              560442.00   4191098.00      200.23499
(14010608)
        560462.00   4191098.00      208.90984  (14010608)              560482.00   4191098.00      217.70784
(14010608)
        560502.00   4191098.00      226.56705  (14010608)              560522.00   4191098.00      235.90624
(14010608)
        560062.00   4191118.00      118.64033  (13122707)              560082.00   4191118.00      121.15931
(13122707)
        560102.00   4191118.00      123.84162  (13122707)              560122.00   4191118.00      126.83585
(13122707)
        560142.00   4191118.00      129.89602  (13122707)              560162.00   4191118.00      133.02387
(13122707)
        560182.00   4191118.00      136.21343  (13122707)              560202.00   4191118.00      139.46619
(13122707)
        560222.00   4191118.00      142.77718  (13122707)              560242.00   4191118.00      146.14185
(13122707)
        560262.00   4191118.00      150.62900  (17101307)              560282.00   4191118.00      155.47649
(17101307)
        560302.00   4191118.00      160.97677  (15012608)              560322.00   4191118.00      166.88793
(15012608)
        560342.00   4191118.00      172.98822  (15012608)              560362.00   4191118.00      179.27637
(15012608)
        560382.00   4191118.00      185.74451  (15012608)              560402.00   4191118.00      192.38133
(15012608)
        560422.00   4191118.00      199.17140  (15012608)              560442.00   4191118.00      206.09435
(15012608)
        560462.00   4191118.00      213.12390  (15012608)              560482.00   4191118.00      220.22676
(15012608)
        560502.00   4191118.00      227.36133  (15012608)              560522.00   4191118.00      235.43025
(15012608)
        560062.00   4191138.00      118.04737  (16120107)              560082.00   4191138.00      120.57345
(16120107)
        560102.00   4191138.00      123.27876  (16120107)              560122.00   4191138.00      126.60804
(13122707)
        560142.00   4191138.00      130.17044  (13122707)              560162.00   4191138.00      133.85460
(13122707)
        560182.00   4191138.00      137.65954  (13122707)              560202.00   4191138.00      141.59324
(13122707)
        560222.00   4191138.00      145.65610  (13122707)              560242.00   4191138.00      149.85143
(13122707)
        560262.00   4191138.00      154.18343  (13122707)              560282.00   4191138.00      158.65359
(13122707)
        560302.00   4191138.00      163.26274  (13122707)              560322.00   4191138.00      168.01084
(13122707)
        560342.00   4191138.00      172.89684  (13122707)              560362.00   4191138.00      177.91838
(13122707)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

PAGE  1159
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

                           *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  HAUL1
***
                               INCLUDING SOURCE(S):     L0000570    , L0000571    , L0000572    ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                    ** CONC OF PM_10    IN MICROGRAMS/M**3                          **
```

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
560382.00	4191138.00	183.07155	(13122707)	560402.00	4191138.00	188.35056	(13122707)
560422.00	4191138.00	195.04842	(17101307)	560442.00	4191138.00	203.38251	(15012608)
560462.00	4191138.00	212.15175	(15012608)	560482.00	4191138.00	221.27780	(15012608)
560502.00	4191138.00	230.89539	(15012608)	560062.00	4191158.00	118.09533	(13030108)
560082.00	4191158.00	120.45987	(13030108)	560102.00	4191158.00	123.01638	(13030108)
560122.00	4191158.00	125.92469	(13030108)	560142.00	4191158.00	129.07049	(16120107)
560162.00	4191158.00	132.74122	(16120107)	560182.00	4191158.00	136.55474	(16120107)
560202.00	4191158.00	140.51717	(16120107)	560222.00	4191158.00	144.63482	(16120107)
560242.00	4191158.00	148.91415	(16120107)	560262.00	4191158.00	153.36180	(16120107)
560282.00	4191158.00	157.98449	(16120107)	560302.00	4191158.00	162.78901	(16120107)
560322.00	4191158.00	167.90951	(13122707)	560342.00	4191158.00	173.70279	(13122707)
560362.00	4191158.00	179.75108	(13122707)	560382.00	4191158.00	186.06492	(13122707)
560402.00	4191158.00	192.65472	(13122707)	560422.00	4191158.00	199.53054	(13122707)
560442.00	4191158.00	206.70191	(13122707)	560462.00	4191158.00	214.17744	(13122707)
560482.00	4191158.00	221.96449	(13122707)	560502.00	4191158.00	232.01328	(13122707)
560062.00	4191178.00	119.56845	(13030108)	560082.00	4191178.00	122.31700	(13030108)
560102.00	4191178.00	125.26781	(13030108)	560122.00	4191178.00	128.50200	(13030108)
560142.00	4191178.00	131.86828	(13030108)	560162.00	4191178.00	135.37395	(13030108)
560182.00	4191178.00	139.02679	(13030108)	560202.00	4191178.00	142.83516	(13030108)
560222.00	4191178.00	146.80795	(13030108)	560242.00	4191178.00	150.95469	(13030108)
560322.00	4191178.00	169.49625	(13030108)	560342.00	4191178.00	174.68092	(13030108)
560362.00	4191178.00	180.11264	(13030108)	560382.00	4191178.00	185.80679	(13030108)
560402.00	4191178.00	191.77986	(13030108)	560422.00	4191178.00	198.04949	(13030108)
560442.00	4191178.00	204.83984	(16120107)	560462.00	4191178.00	212.70961	(16120107)
560482.00	4191178.00	221.00222	(16120107)	560502.00	4191178.00	232.40456	(16120107)
560062.00	4191198.00	117.65482	(14011008)	560082.00	4191198.00	120.55271	(14011008)
560102.00	4191198.00	123.60258	(13030108)	560122.00	4191198.00	126.95976	(13030108)
560142.00	4191198.00	130.46541	(13030108)	560162.00	4191198.00	134.12871	(13030108)
560182.00	4191198.00	137.95958	(13030108)	560202.00	4191198.00	141.96875	(13030108)
560222.00	4191198.00	146.16782	(13030108)	560362.00	4191198.00	182.08567	(13030108)
560382.00	4191198.00	188.36285	(13030108)	560402.00	4191198.00	194.99312	(13030108)
560422.00	4191198.00	202.00413	(13030108)	560442.00	4191198.00	209.42636	(13030108)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL1 ***

INCLUDING SOURCE(S): L0000570 , L0000571 , L0000572 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
560462.00	4191198.00	217.31473	(13030108)	560482.00	4191198.00	225.75689	(13030108)
560042.00	4191218.00	112.39153	(14011008)	560062.00	4191218.00	115.10827	(14011008)
560082.00	4191218.00	118.04779	(14011008)	560102.00	4191218.00	121.12125	(14011008)
560122.00	4191218.00	124.33087	(14011008)	560142.00	4191218.00	127.68504	(14011008)
560162.00	4191218.00	131.19285	(14011008)	560182.00	4191218.00	134.86414	(14011008)
560202.00	4191218.00	138.70960	(14011008)	560222.00	4191218.00	142.74084	(14011008)
560342.00	4191218.00	171.62610	(14011008)	560362.00	4191218.00	177.38610	(14011008)
560382.00	4191218.00	183.47359	(14011008)	560402.00	4191218.00	189.91509	(14011008)
560422.00	4191218.00	196.73992	(14011008)	560442.00	4191218.00	203.98063	(14011008)
560462.00	4191218.00	212.09198	(14011008)	560482.00	4191218.00	221.26827	(14011008)
560082.00	4191238.00	120.79893	(14010308)	560102.00	4191238.00	123.87384	(14010308)
560122.00	4191238.00	127.08354	(14010308)	560142.00	4191238.00	130.43333	(14010308)
560162.00	4191238.00	133.93639	(14010308)	560182.00	4191238.00	137.59965	(14010308)
560202.00	4191238.00	141.43600	(14010308)	560222.00	4191238.00	145.45819	(14010308)
560342.00	4191238.00	174.28946	(14010308)	560362.00	4191238.00	180.04078	(14010308)
560382.00	4191238.00	186.11991	(14010308)	560402.00	4191238.00	192.55355	(14010308)
560422.00	4191238.00	199.37125	(14010308)	560442.00	4191238.00	206.60584	(14010308)
560462.00	4191238.00	215.09543	(14010308)	560182.00	4191258.00	138.19061	(14010308)
560202.00	4191258.00	141.94930	(14010308)	560322.00	4191258.00	168.61720	(14010308)
560342.00	4191258.00	173.87904	(14010308)	560362.00	4191258.00	179.41982	(14010308)
560382.00	4191258.00	185.26022	(14010308)	560402.00	4191258.00	191.42295	(14010308)
560422.00	4191258.00	197.93293	(14010308)	560442.00	4191258.00	204.87452	(14010308)
560462.00	4191258.00	213.29820	(14010308)	560322.00	4191278.00	162.40483	(15032507)
560342.00	4191278.00	167.22538	(15032507)	560362.00	4191278.00	172.27378	(15032507)
560382.00	4191278.00	177.56401	(15032507)	560402.00	4191278.00	183.11102	

(15032507)
        560422.00   4191278.00   188.93082 (15032507)   560442.00   4191278.00   195.79323
(15032507)
        559982.00   4191298.00   103.11199 (15032507)   560002.00   4191298.00   105.08972
(15032507)
        560022.00   4191298.00   107.31570 (15032507)   560042.00   4191298.00   109.63091
(15032507)
        560062.00   4191298.00   112.02313 (15032507)   560302.00   4191298.00   151.03394
(13010507)
        560322.00   4191298.00   155.98376 (13010507)   560342.00   4191298.00   161.14714
(13010507)
        560362.00   4191298.00   166.53336 (13010507)   560382.00   4191298.00   172.15174
(13010507)
        560402.00   4191298.00   178.01149 (13010507)   560422.00   4191298.00   184.12160
(13010507)
        560442.00   4191298.00   191.84776 (13010507)   559962.00   4191318.00   96.55024
(13010507)
        559982.00   4191318.00   98.80909 (13010507)   560002.00   4191318.00   101.31232
(13010507)
        560022.00   4191318.00   103.89857 (13010507)   560042.00   4191318.00   106.57066
(13010507)
        560062.00   4191318.00   109.33148 (13010507)   560082.00   4191318.00   112.18393
(13010507)
        560102.00   4191318.00   115.13092 (13010507)   560122.00   4191318.00   118.17534
(13010507)
        560142.00   4191318.00   121.32004 (13010507)   560162.00   4191318.00   124.56781
(13010507)
        560302.00   4191318.00   150.38394 (13010507)   560322.00   4191318.00   154.53039
(13010507)
        560342.00   4191318.00   158.79193 (13010507)   560362.00   4191318.00   164.34671
(16112108)
        560382.00   4191318.00   171.13842 (16112108)   560402.00   4191318.00   178.22891
(16112108)
        560422.00   4191318.00   185.62425 (16112108)   559962.00   4191338.00   97.98183
(13010507)
        559982.00   4191338.00   99.99406 (13010507)   560002.00   4191338.00   102.22752
(13010507)
        560022.00   4191338.00   104.51618 (13010507)   560042.00   4191338.00   106.86035
(13010507)
        560062.00   4191338.00   109.26019 (13010507)   560082.00   4191338.00   111.71558
(13010507)
        560102.00   4191338.00   114.22617 (13010507)   560122.00   4191338.00   116.79129
(13010507)
        560142.00   4191338.00   119.40991 (13010507)   560162.00   4191338.00   122.08057
(13010507)
        560182.00   4191338.00   125.36210 (16112108)   560202.00   4191338.00   129.76326
(16112108)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: HAUL1 ***

INCLUDING SOURCE(S):   L0000570   , L0000571   , L0000572   ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10   IN MICROGRAMS/M**3   **

     X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC
(YYMMDDHH)
 -
        560222.00   4191338.00   134.32549 (16112108)   560242.00   4191338.00   139.05122
(16112108)

560302.00 4191338.00 154.22078 (16112108) 560322.00 4191338.00 159.60618 (16112108)
560342.00 4191338.00 165.73362 (16012008) 560362.00 4191338.00 172.26559 (16012008)
560382.00 4191338.00 179.03623 (16012008) 560402.00 4191338.00 186.04227 (16012008)
560422.00 4191338.00 193.27729 (16012008) 559962.00 4191358.00 96.05477 (13010507)
559982.00 4191358.00 97.67999 (13010507) 560002.00 4191358.00 99.75884 (16112108)
560022.00 4191358.00 102.81436 (16112108) 560042.00 4191358.00 105.96468 (16112108)
560062.00 4191358.00 109.20850 (16112108) 560082.00 4191358.00 112.54953 (16112108)
560102.00 4191358.00 115.98549 (16112108) 560122.00 4191358.00 119.51832 (16112108)
560142.00 4191358.00 123.14762 (16112108) 560162.00 4191358.00 126.87173 (16112108)
560182.00 4191358.00 130.68815 (16112108) 560202.00 4191358.00 134.86912 (16012008)
560222.00 4191358.00 139.49853 (16012008) 560242.00 4191358.00 144.26723 (16012008)
560262.00 4191358.00 149.17023 (16012008) 560282.00 4191358.00 154.20431 (16012008)
560302.00 4191358.00 159.36409 (16012008) 560322.00 4191358.00 164.63922 (16012008)
560342.00 4191358.00 170.02233 (16012008) 560362.00 4191358.00 175.49924 (16012008)
560382.00 4191358.00 181.39836 (16012008) 560402.00 4191358.00 187.23686 (16012008)
559962.00 4191378.00 98.89546 (16112108) 559982.00 4191378.00 101.38382 (16112108)
560002.00 4191378.00 104.09665 (16112108) 560022.00 4191378.00 106.86348 (16112108)
560042.00 4191378.00 109.68478 (16112108) 560062.00 4191378.00 112.58996 (16012008)
560082.00 4191378.00 116.02106 (16012008) 560102.00 4191378.00 119.53916 (16012008)
560122.00 4191378.00 123.14199 (16012008) 560142.00 4191378.00 126.82640 (16012008)
560162.00 4191378.00 130.58826 (16012008) 560182.00 4191378.00 134.42225 (16012008)
560202.00 4191378.00 138.32176 (16012008) 560222.00 4191378.00 142.27491 (16012008)
560242.00 4191378.00 146.27459 (16012008) 560262.00 4191378.00 150.30843 (16012008)
560282.00 4191378.00 154.37262 (16012008) 560302.00 4191378.00 158.47751 (16012008)
560322.00 4191378.00 162.55787 (16012008) 560342.00 4191378.00 166.59454 (16012008)
559982.00 4191398.00 103.95148 (16012008) 560002.00 4191398.00 106.74543 (16012008)
560022.00 4191398.00 109.58942 (16012008) 560042.00 4191398.00 112.47989 (16012008)
560062.00 4191398.00 115.41258 (16012008) 560082.00 4191398.00 118.38235 (16012008)
560102.00 4191398.00 121.38315 (16012008) 560122.00 4191398.00 124.40788 (16012008)
560142.00 4191398.00 127.44826 (16012008) 560162.00 4191398.00 130.49471 (16012008)
560182.00 4191398.00 133.53624 (16012008) 560202.00 4191398.00 136.56022 (16012008)
560222.00 4191398.00 139.54959 (16012008) 560242.00 4191398.00 143.09382 (14021807)
560262.00 4191398.00 146.77103 (14021807) 560282.00 4191398.00 151.48557 (13111607)
559982.00 4191418.00 105.38472 (16012008) 560002.00 4191418.00 107.74132 (16012008)
560022.00 4191418.00 109.98165 (16012008) 560042.00 4191418.00 112.25159

(16012008)
560062.00 4191418.00 114.59421 (16012008) 560082.00 4191418.00 116.91903
(16012008)
560102.00 4191418.00 119.21642 (16012008) 560122.00 4191418.00 121.93149
(14021807)
560142.00 4191418.00 124.79575 (14021807) 560162.00 4191418.00 127.62398
(14021807)
560182.00 4191418.00 131.38306 (13111607) 560202.00 4191418.00 135.78322
(13111607)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL1 ***
INCLUDING SOURCE(S): L0000570 , L0000571 , L0000572 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
560222.00	4191418.00	140.20703	(13111607)	560242.00	4191418.00	144.62830	(13111607)
560262.00	4191418.00	149.02704	(13111607)	560002.00	4191438.00	106.03004	(14021807)
560022.00	4191438.00	108.06287	(14021807)	560042.00	4191438.00	110.12774	(14021807)
560062.00	4191438.00	112.31630	(14021807)	560082.00	4191438.00	115.53210	(13111607)
560102.00	4191438.00	119.09378	(13111607)	560122.00	4191438.00	122.66725	(13111607)
560142.00	4191438.00	126.23704	(13111607)	560162.00	4191438.00	129.78548	(13111607)
560182.00	4191438.00	133.29239	(13111607)	560202.00	4191438.00	136.73046	(13111607)
560222.00	4191438.00	140.07959	(13111607)	560242.00	4191438.00	143.30762	(13111607)
560262.00	4191438.00	146.41586	(13111607)	560042.00	4191458.00	112.00427	(13111607)
560062.00	4191458.00	114.41638	(13111607)	560082.00	4191458.00	117.25113	(13111607)
560102.00	4191458.00	120.07808	(13111607)	560122.00	4191458.00	122.83709	(13111607)
560142.00	4191458.00	125.50827	(13111607)	560162.00	4191458.00	128.06972	(13111607)
560182.00	4191458.00	130.49752	(13111607)	560202.00	4191458.00	132.76205	(13111607)
560222.00	4191458.00	134.83864	(13111607)	560242.00	4191458.00	138.08877	(17112007)
560262.00	4191458.00	142.86332	(16120108)	560142.00	4191478.00	121.04028	(13111607)
560162.00	4191478.00	123.93478	(17112007)	560182.00	4191478.00	127.26691	(16120108)
560202.00	4191478.00	132.17365	(16120108)	560222.00	4191478.00	137.07261	(16120108)
560242.00	4191478.00	142.00032	(16120108)	560155.00	4190663.00	147.52427	(15121507)
560175.00	4190663.00	150.19214	(15121507)	560115.00	4190683.00	141.56220	(17012607)
560135.00	4190683.00	142.15074	(15011507)	560155.00	4190683.00	146.42422	(15121507)

```
       560175.00   4190683.00      151.56182  (15121507)              560095.00   4190703.00      142.84898
(17012607)
       560115.00   4190703.00      145.90366  (17012607)              560135.00   4190703.00      147.59909
(17012607)
       560155.00   4190703.00      147.87765  (17012607)              560175.00   4190703.00      149.33185
(15011507)
       560095.00   4190723.00      140.89796  (17012607)              560115.00   4190723.00      146.05749
(17012607)
       560135.00   4190723.00      150.03482  (17012607)              560155.00   4190723.00      152.71838
(17012607)
       560175.00   4190723.00      154.81280  (17012607)              560195.00   4190723.00      155.62280
(17012607)
       560095.00   4190743.00      134.89014  (17012607)              560115.00   4190743.00      141.87302
(17012607)
       560135.00   4190743.00      147.94250  (17012607)              560155.00   4190743.00      152.95057
(17012607)
       560175.00   4190743.00      157.57624  (17012607)              560195.00   4190743.00      161.07939
(17012607)
       560075.00   4190763.00      116.74964  (17012607)              560095.00   4190763.00      125.22824
(17012607)
       560115.00   4190763.00      133.58978  (17012607)              560135.00   4190763.00      141.36623
(17012607)
       560155.00   4190763.00      148.39561  (17012607)              560175.00   4190763.00      155.32740
(17012607)
       560195.00   4190763.00      161.41681  (17012607)              560215.00   4190763.00      166.43261
(17012607)
       560075.00   4190783.00      107.94433  (13122808)              560095.00   4190783.00      112.63572
(17012607)
       560115.00   4190783.00      121.82234  (17012607)              560135.00   4190783.00      130.77084
(17012607)
       560155.00   4190783.00      139.32837  (17012607)              560175.00   4190783.00      148.11357
(17012607)
       560195.00   4190783.00      156.42008  (17012607)              560215.00   4190783.00      164.02943
(17012607)
       560235.00   4190783.00      170.70903  (17012607)              560075.00   4190803.00      109.14415
(14031107)
       560095.00   4190803.00      111.49501  (14031107)              560115.00   4190803.00      113.56015
(13122808)
       560135.00   4190803.00      116.99221  (17012607)              560155.00   4190803.00      126.45889
(17012607)
1*** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

PAGE  1163
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

                           *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  HAUL1
***
                               INCLUDING SOURCE(S):     L0000570    , L0000571    , L0000572    ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                    ** CONC OF PM_10    IN MICROGRAMS/M**3                        **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)  Y-COORD (M)        CONC
(YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - -
       560175.00   4190803.00      136.47352  (17012607)              560195.00   4190803.00      146.40747
(17012607)
       560215.00   4190803.00      156.06078  (17012607)              560235.00   4190803.00      165.20570
(17012607)
       560255.00   4190803.00      173.53495  (17012607)              560275.00   4190803.00      180.76555
(17012607)
       560075.00   4190823.00      110.23319  (14112708)              560095.00   4190823.00      112.53710
(14112708)
       560115.00   4190823.00      114.88988  (14031107)              560135.00   4190823.00      117.65657
```

(14031107)
        560155.00   4190823.00   119.86661 (14031107)   560175.00   4190823.00   122.53823
(13122808)
        560195.00   4190823.00   132.20807 (17012607)   560215.00   4190823.00   143.18113
(17012607)
        560235.00   4190823.00   154.10440 (17012607)   560255.00   4190823.00   164.74738
(17012607)
        560275.00   4190823.00   174.85117 (17012607)   560295.00   4190823.00   184.12479
(17012607)
        560315.00   4190823.00   191.97058 (17012607)   560115.00   4190843.00   116.05560
(14112708)
        560135.00   4190843.00   118.87668 (14112708)   560155.00   4190843.00   121.17585
(14112708)
        560175.00   4190843.00   124.12913 (14031107)   560195.00   4190843.00   126.87216
(14031107)
        560215.00   4190843.00   129.51669 (13122808)   560235.00   4190843.00   138.37816
(17012607)
        560255.00   4190843.00   150.43685 (17012607)   560275.00   4190843.00   162.48802
(17012607)
        560295.00   4190843.00   174.27032 (17012607)   560315.00   4190843.00   185.48258
(17012607)
        560335.00   4190843.00   195.78690 (17012607)   560195.00   4190863.00   128.46198
(14112708)
        560215.00   4190863.00   131.07211 (14031107)   560235.00   4190863.00   134.59105
(14031107)
        560255.00   4190863.00   137.48026 (14031107)   560275.00   4190863.00   145.00312
(17012607)
        560295.00   4190863.00   158.30198 (17012607)   560315.00   4190863.00   171.65048
(17012607)
        560335.00   4190863.00   184.75064 (17012607)   560075.00   4190883.00   110.59174
(17113008)
        560095.00   4190883.00   112.26482 (17102107)   560115.00   4190883.00   115.44770
(17102107)
        560255.00   4190883.00   139.16323 (14112708)   560275.00   4190883.00   143.05080
(14031107)
        560295.00   4190883.00   146.67205 (14031107)   560315.00   4190883.00   152.12742
(17012607)
        560335.00   4190883.00   166.84931 (17012607)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: HAUL2
***
                               INCLUDING SOURCE(S):   L0000573   , L0000574   , L0000575   , L0000576   ,
L0000577   ,
               L0000578   , L0000579   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 559917.30   559937.30   559957.30   559977.30
559997.30
 -
- - - - - - - -

 4191625.2 | 44.52156 (13121108)   46.19719 (13121108)   47.85322 (13121108)   49.48500 (13121108)
51.09541 (13121108)
 4191605.2 | 44.37608 (15021108)   44.66213 (15021108)   46.05031 (13121108)   47.77044 (13121108)
49.46862 (13121108)
 4191585.2 | 44.94726 (15021108)   45.32170 (15021108)   45.67617 (15021108)   46.00927 (15021108)
47.65698 (13121108)

 4191565.2 | 45.30651 (15021108)   45.76018 (15021108)   46.19787 (15021108)   46.63177 (15021108)
47.07526 (15021108)
 4191545.2 | 45.47028 (15021108)   46.01035 (15021108)   46.52785 (15021108)   47.03523 (15021108)
47.54905 (15021108)
 4191525.2 | 45.45851 (15021108)   46.07007 (15021108)   46.65512 (15021108)   47.22793 (15021108)
47.79683 (15021108)
 4191505.2 | 45.27487 (15021108)   45.94288 (15021108)   46.58788 (15021108)   47.22133 (15021108)
47.84890 (15021108)
 4191485.2 | 44.93401 (15021108)   45.65570 (15021108)   46.35703 (15021108)   47.04844 (15021108)
47.73225 (15021108)
 4191465.2 | 44.44696 (13123007)   45.21606 (15021108)   45.97194 (15021108)   46.71884 (15021108)
47.45853 (15021108)
 4191445.2 | 44.23617 (13123007)   44.87206 (13123007)   45.50062 (13123007)   46.23121 (15021108)
47.02464 (15021108)
 4191425.2 | 43.88458 (13123007)   44.55984 (13123007)   45.22242 (13123007)   45.87904 (13123007)
46.54298 (13123007)
 4191405.2 | 43.87230 (16120108)   44.33120 (16120108)   44.80939 (13123007)   45.48401 (13123007)
46.19223 (13123007)
 4191385.2 | 43.95350 (16120108)   44.48014 (16120108)   44.95040 (16120108)   45.39993 (16120108)
45.90137 (16120108)
 4191365.2 | 43.91379 (16120108)   44.48802 (16120108)   44.99831 (16120108)   45.48337 (16120108)
46.01827 (16120108)
 4191345.2 | 43.77529 (16120108)   44.37574 (16120108)   44.91742 (16120108)   45.43496 (16120108)
45.99965 (16120108)
 4191325.2 | 43.51979 (16120108)   44.14666 (16120108)   44.71909 (16120108)   45.26809 (16120108)
45.86116 (16120108)
 4191305.2 | 43.23745 (17112007)   43.80187 (17112007)   44.40815 (16120108)   45.01421 (16120108)
45.62122 (16120108)
 4191285.2 | 43.05398 (17112007)   43.61345 (17112007)   44.21019 (17112007)   44.80608 (17112007)
45.34460 (17112007)
 4191265.2 | 42.77359 (13111607)   43.34762 (17112007)   43.94701 (17112007)   44.55853 (17112007)
45.14579 (17112007)
 4191245.2 | 42.66806 (13111607)   43.17769 (13111607)   43.69455 (13111607)   44.21924 (13111607)
44.83417 (17112007)
 4191225.2 | 42.46298 (13111607)   42.99099 (13111607)   43.52563 (13111607)   44.06750 (13111607)
44.61724 (13111607)
 4191205.2 | 42.15912 (13111607)   42.70729 (13111607)   43.26144 (13111607)   43.83129 (13111607)
44.43432 (13111607)
 4191185.2 | 42.03578 (16012008)   42.51441 (16012008)   43.02031 (16012008)   43.54310 (16012008)
44.12330 (13111607)
 4191165.2 | 41.91939 (16012008)   42.40879 (16012008)   42.93887 (16012008)   43.47926 (16012008)
43.99907 (16012008)
 4191145.2 | 41.71560 (16012008)   42.21713 (16012008)   42.73569 (16012008)   43.27641 (16012008)
43.83128 (16012008)
 4191125.2 | 41.42280 (16012008)   41.93853 (16012008)   42.46197 (16012008)   43.00235 (16012008)
43.58394 (16012008)
 4191105.2 | 41.03385 (16012008)   41.56625 (16012008)   42.10597 (16012008)   42.66185 (16012008)
43.25593 (16012008)
 4191085.2 | 40.56979 (16012008)   41.09629 (16012008)   41.64734 (16012008)   42.22163 (16012008)
42.83187 (16012008)
 4191065.2 | 40.53563 (14010708)   40.97832 (14010708)   41.45397 (14010708)   41.96064 (14010708)
42.52610 (14010708)
 4191045.2 | 40.64924 (14010708)   41.12095 (14010708)   41.60350 (14010708)   42.10695 (14010708)
42.66518 (14010708)
 4191025.2 | 40.70116 (14010708)   41.23204 (13030108)   41.81128 (13030108)   42.41668 (13030108)
43.10490 (13030108)
 4191005.2 | 41.37784 (13030108)   41.93140 (13030108)   42.49661 (13030108)   43.08697 (13030108)
43.75610 (13030108)
 4190985.2 | 41.91513 (13030108)   42.45440 (13030108)   43.00477 (13030108)   43.57935 (13030108)
44.22822 (13030108)
 4190965.2 | 42.30079 (13030108)   42.82597 (13030108)   43.36185 (13030108)   43.92110 (13030108)
44.54995 (13030108)
 4190945.2 | 42.55749 (13030108)   43.06962 (13030108)   43.59221 (13030108)   44.13744 (13030108)
44.74753 (13030108)
 4190925.2 | 42.70511 (13030108)   43.20576 (13030108)   43.71678 (13030108)   44.24984 (13030108)
44.84314 (13030108)
 4190905.2 | 42.75953 (13030108)   43.25057 (13030108)   43.75197 (13030108)   44.27492 (13030108)
44.85380 (13030108)
 4190885.2 | 42.73187 (13030108)   43.21518 (13030108)   43.70892 (13030108)   44.22382 (13030108)

44.77394 (13030108)
 4190865.2 | 42.62807 (13030108)   43.10536 (13030108)   43.59320 (13030108)   44.09204 (13030108)
44.60238 (13030108)
 4190845.2 | 42.44885 (13030108)   42.92148 (13030108)   43.40481 (13030108)   43.89929 (13030108)
44.40542 (13030108)

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: HAUL2
***
                                INCLUDING SOURCE(S):   L0000573   , L0000574   , L0000575   , L0000576   ,
L0000577   ,
                L0000578   , L0000579   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 559917.30   559937.30   559957.30   559977.30
559997.30
 -
- - - - - - - -

 4190825.2 | 42.18986 (13030108)   42.65871 (13030108)   43.13841 (13030108)   43.62942 (13030108)
44.15623 (13030108)
 4190805.2 | 41.84221 (13030108)   42.30753 (13030108)   42.78385 (13030108)   43.28749 (13030108)
43.81957 (13030108)
 4190785.2 | 41.40122 (13030108)   41.89074 (13030108)   42.36791 (13030108)   42.85292 (13030108)
43.33576 (13030108)
 4190765.2 | 40.85252 (13030108)   41.31860 (13030108)   41.78671 (13030108)   42.26236 (13030108)
42.72923 (13030108)
 4190745.2 | 40.36435 (15032607)   40.77478 (15032607)   41.20907 (15032607)   41.66755 (15032607)
42.13628 (15032607)
 4190725.2 | 40.08941 (15032607)   40.50748 (15032607)   40.93895 (15032607)   41.38802 (15032607)
41.84750 (15032607)
 4190705.2 | 39.76553 (15012608)   40.17414 (15012608)   40.59077 (15012608)   41.01951 (15032607)
41.46883 (15032607)
 4190685.2 | 39.58908 (15012608)   39.99396 (14010608)   40.44184 (14010608)   40.89550 (14010608)
41.35554 (14010608)
 4190665.2 | 39.54879 (14010608)   39.97513 (14010608)   40.40737 (14010608)   40.84605 (14010608)
41.29176 (14010608)
 4190645.2 | 39.48615 (14010608)   39.89809 (14010608)   40.31645 (14010608)   40.74176 (14010608)
41.17456 (14010608)

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: HAUL2
***
                                INCLUDING SOURCE(S):   L0000573   , L0000574   , L0000575   , L0000576   ,
L0000577   ,
                L0000578   , L0000579   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560017.30   560037.30   560057.30   560077.30

560097.30
 -

 4191625.2 | 52.67051 (13121108)   54.21003 (13121108)   55.71630 (13121108)   57.17677 (13121108)
58.59487 (13121108)
 4191605.2 | 51.14027 (13121108)   52.78526 (13121108)   54.40472 (13121108)   55.98036 (13121108)
57.51506 (13121108)
 4191585.2 | 49.42303 (13121108)   51.16116 (13121108)   52.87378 (13121108)   54.56954 (13121108)
56.21968 (13121108)
 4191565.2 | 47.51608 (13121108)   49.35079 (13121108)   51.15361 (13121108)   52.95015 (13121108)
54.70836 (13121108)
 4191545.2 | 48.02153 (15021108)   48.46381 (15021108)   49.23238 (13121108)   51.12096 (13121108)
52.98256 (13121108)
 4191525.2 | 48.34532 (15021108)   48.87380 (15021108)   49.39982 (15021108)   49.91305 (15021108)
51.04311 (13121108)
 4191505.2 | 48.46563 (15021108)   49.07001 (15021108)   49.66913 (15021108)   50.25946 (15021108)
50.84064 (15021108)
 4191485.2 | 48.40888 (15021108)   49.07684 (15021108)   49.72579 (15021108)   50.37012 (15021108)
51.01817 (15021108)
 4191465.2 | 48.19043 (15021108)   48.91390 (15021108)   49.56622 (15021108)   50.23327 (15021108)
50.93641 (15021108)
 4191445.2 | 47.80023 (15021108)   48.55156 (15021108)   49.28725 (15021108)   50.04039 (15021108)
50.80031 (15021108)
 4191425.2 | 47.24739 (15021108)   48.05251 (15021108)   48.87684 (15021108)   49.69568 (15021108)
50.50993 (15021108)
 4191405.2 | 46.89786 (13123007)   47.60157 (13123007)   48.33053 (15021108)   49.20456 (15021108)
50.07324 (15021108)
 4191385.2 | 46.50282 (13123007)   47.25260 (13123007)   48.00080 (13123007)   48.74829 (13123007)
49.49602 (13123007)
 4191365.2 | 46.55844 (16120108)   47.10447 (16120108)   47.65696 (16120108)   48.35398 (13123007)
49.14662 (13123007)
 4191345.2 | 46.56974 (16120108)   47.14599 (16120108)   47.72918 (16120108)   48.32010 (16120108)
48.91954 (16120108)
 4191325.2 | 46.45921 (16120108)   47.06309 (16120108)   47.67366 (16120108)   48.29187 (16120108)
48.91865 (16120108)
 4191305.2 | 46.23758 (16120108)   46.86881 (16120108)   47.50599 (16120108)   48.15010 (16120108)
48.80217 (16120108)
 4191285.2 | 45.91050 (17112007)   46.56837 (16120108)   47.23351 (16120108)   47.90447 (16120108)
48.58232 (16120108)
 4191265.2 | 45.74505 (17112007)   46.36129 (17112007)   46.98579 (17112007)   47.61941 (17112007)
48.26307 (17112007)
 4191245.2 | 45.46831 (17112007)   46.10921 (17112007)   46.75764 (17112007)   47.41444 (17112007)
48.08050 (17112007)
 4191225.2 | 45.17554 (13111607)   45.74773 (17112007)   46.42210 (17112007)   47.10396 (17112007)
47.79416 (17112007)
 4191205.2 | 45.01684 (13111607)   45.59788 (13111607)   46.15368 (13111607)   46.74641 (13111607)
47.40225 (17112007)
 4191185.2 | 44.72406 (13111607)   45.32624 (13111607)   45.92077 (13111607)   46.51896 (13111607)
47.13017 (13111607)
 4191165.2 | 44.52947 (16012008)   45.07110 (16012008)   45.62466 (16012008)   46.20606 (13111607)
46.81526 (13111607)
 4191145.2 | 44.37492 (16012008)   44.92552 (16012008)   45.48741 (16012008)   46.03446 (16012008)
46.57189 (16012008)
 4191125.2 | 44.14263 (16012008)   44.70427 (16012008)   45.27653 (16012008)   45.83652 (16012008)
46.38651 (16012008)
 4191105.2 | 43.82831 (16012008)   44.40383 (16012008)   44.98929 (16012008)   45.56441 (16012008)
46.12930 (16012008)
 4191085.2 | 43.42134 (16012008)   44.01402 (16012008)   44.61607 (16012008)   45.20904 (16012008)
45.79181 (16012008)
 4191065.2 | 43.06246 (14010708)   43.59988 (14010708)   44.15116 (14010708)   44.75511 (16012008)
45.35903 (16012008)
 4191045.2 | 43.19646 (14010708)   43.72970 (14010708)   44.27643 (14010708)   44.86039 (13030108)
45.46709 (13030108)
 4191025.2 | 43.74730 (13030108)   44.38437 (13030108)   45.03623 (13030108)   45.69238 (13030108)
46.33833 (13030108)
 4191005.2 | 44.38073 (13030108)   45.00052 (13030108)   45.66203 (13030108)   46.30216 (13030108)
46.93569 (13030108)
 4190985.2 | 44.83458 (13030108)   45.44540 (13030108)   46.10440 (13030108)   46.72631 (13030108)

47.31767 (13030108)
 4190965.2 | 45.13880 (13030108)   45.73239 (13030108)   46.36846 (13030108)   46.98591 (13030108)
47.60303 (13030108)
 4190945.2 | 45.33319 (13030108)   45.91958 (13030108)   46.51646 (13030108)   47.11765 (13030108)
47.72841 (13030108)
 4190925.2 | 45.42524 (13030108)   45.99517 (13030108)   46.56786 (13030108)   47.15407 (13030108)
47.75447 (13030108)
 4190905.2 | 45.42073 (13030108)   45.97734 (13030108)   46.53994 (13030108)   47.11612 (13030108)
47.70652 (13030108)
 4190885.2 | 45.34110 (13030108)   45.89130 (13030108)   46.44622 (13030108)   47.01480 (13030108)
47.59770 (13030108)
 4190865.2 | 45.18756 (13030108)   45.74194 (13030108)   46.29124 (13030108)   46.85433 (13030108)
47.43187 (13030108)
 4190845.2 | 44.98235 (13030108)   45.52783 (13030108)   46.07314 (13030108)   46.63237 (13030108)
47.20619 (13030108)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: HAUL2
***
                                INCLUDING SOURCE(S):   L0000573   , L0000574   , L0000575   , L0000576   ,
L0000577   ,
                L0000578   , L0000579   ,

                                 *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                      ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560017.30   560037.30   560057.30   560077.30
560097.30
 -
- - - - - - - -

 4190825.2 | 44.70554 (13030108)   45.24294 (13030108)   45.78464 (13030108)   46.34033 (13030108)
46.91148 (13030108)
 4190805.2 | 44.33907 (13030108)   44.86757 (13030108)   45.41149 (13030108)   45.96391 (13030108)
46.53272 (13030108)
 4190785.2 | 43.83877 (13030108)   44.37413 (13030108)   44.93504 (13030108)   45.48392 (13030108)
46.04983 (13030108)
 4190765.2 | 43.22422 (13030108)   43.76419 (13030108)   44.33302 (13030108)   44.87734 (13030108)
45.43877 (13030108)
 4190745.2 | 42.61579 (15032607)   43.12963 (15032607)   43.67378 (15032607)   44.18880 (15032607)
44.71785 (15032607)
 4190725.2 | 42.31790 (15032607)   42.81528 (15032607)   43.34680 (15032607)   43.86112 (15032607)
44.37992 (15032607)
 4190705.2 | 41.92909 (15032607)   42.40930 (15032607)   42.91841 (15032607)   43.43803 (15032607)
43.94763 (15032607)
 4190685.2 | 41.82256 (14010608)   42.29724 (14010608)   42.78024 (14010608)   43.33120 (14010608)
43.84923 (14010608)
 4190665.2 | 41.74510 (14010608)   42.20670 (14010608)   42.67719 (14010608)   43.21164 (14010608)
43.71304 (14010608)
 4190645.2 | 41.61543 (14010608)   42.06494 (14010608)   42.52370 (14010608)   43.04310 (14010608)
43.52947 (14010608)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: HAUL2
***

INCLUDING SOURCE(S): L0000573 , L0000574 , L0000575 , L0000576 , L0000577 ,
L0000578 , L0000579 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	560117.30	560137.30	560157.30	560177.30	560197.30
4191625.2	59.96981 (13121108)	61.30048 (13121108)	62.58589 (13121108)	63.82497 (13121108)	65.01643 (13121108)
4191605.2	59.00802 (13121108)	60.45922 (13121108)	61.86782 (13121108)	63.23327 (13121108)	64.55512 (13121108)
4191585.2	57.82814 (13121108)	59.39704 (13121108)	60.92524 (13121108)	62.41215 (13121108)	63.85757 (13121108)
4191565.2	56.41957 (13121108)	58.10221 (13121108)	59.74944 (13121108)	61.35716 (13121108)	62.93168 (13121108)
4191545.2	54.80623 (13121108)	56.59631 (13121108)	58.35195 (13121108)	60.07823 (13121108)	61.78378 (13121108)
4191525.2	52.98231 (13121108)	54.88570 (13121108)	56.74803 (13121108)	58.59300 (13121108)	60.41905 (13121108)
4191505.2	51.41208 (15021108)	52.94723 (13121108)	54.93970 (13121108)	56.90324 (13121108)	58.81962 (13121108)
4191485.2	51.66000 (15021108)	52.27925 (15021108)	52.86618 (15021108)	54.91266 (13121108)	56.92970 (13121108)
4191465.2	51.63510 (15021108)	52.32975 (15021108)	53.02068 (15021108)	53.70806 (15021108)	54.82358 (13121108)
4191445.2	51.55674 (15021108)	52.31054 (15021108)	53.06254 (15021108)	53.81348 (15021108)	54.56403 (15021108)
4191425.2	51.32062 (15021108)	52.12887 (15021108)	52.93581 (15021108)	53.74264 (15021108)	54.55052 (15021108)
4191405.2	50.93761 (15021108)	51.79882 (15021108)	52.65818 (15021108)	53.51709 (15021108)	54.37704 (15021108)
4191385.2	50.41108 (15021108)	51.32646 (15021108)	52.23876 (15021108)	53.14942 (15021108)	54.06002 (15021108)
4191365.2	49.93976 (13123007)	50.73456 (13123007)	51.67849 (15021108)	52.64331 (15021108)	53.60636 (15021108)
4191345.2	49.52829 (16120108)	50.34152 (13123007)	51.18255 (13123007)	52.02671 (13123007)	53.01405 (15021108)
4191325.2	49.55499 (16120108)	50.20189 (16120108)	50.86038 (16120108)	51.59255 (13123007)	52.48418 (13123007)
4191305.2	49.46330 (16120108)	50.13463 (16120108)	50.81733 (16120108)	51.51262 (16120108)	52.22176 (16120108)
4191285.2	49.26817 (16120108)	49.96324 (16120108)	50.66878 (16120108)	51.38613 (16120108)	52.11667 (16120108)
4191265.2	48.97527 (16120108)	49.69587 (16120108)	50.42555 (16120108)	51.16570 (16120108)	51.91775 (16120108)
4191245.2	48.75680 (17112007)	49.44439 (17112007)	50.14439 (17112007)	50.85798 (17112007)	51.63109 (16120108)
4191225.2	48.49362 (17112007)	49.20336 (17112007)	49.92447 (17112007)	50.65815 (17112007)	51.40565 (17112007)
4191205.2	48.12780 (17112007)	48.86252 (17112007)	49.60744 (17112007)	50.36369 (17112007)	51.13249 (17112007)
4191185.2	47.77157 (13111607)	48.42481 (13111607)	49.18815 (17112007)	49.97087 (17112007)	50.76479 (17112007)
4191165.2	47.47505 (13111607)	48.14555 (13111607)	48.82776 (13111607)	49.52275 (13111607)	50.29239 (17112007)
4191145.2	47.16877 (16012008)	47.78053 (13111607)	48.48301 (13111607)	49.19702 (13111607)	49.92365 (13111607)
4191125.2	46.99204 (16012008)	47.61108 (16012008)	48.24451 (16012008)	48.89330 (16012008)	49.55844 (16012008)
4191105.2	46.74625 (16012008)	47.37590 (16012008)	48.01914 (16012008)	48.67688 (16012008)	49.35013 (16012008)
4191085.2	46.42365 (16012008)	47.06744 (16012008)	47.72399 (16012008)	48.39418 (16012008)	

49.07896 (16012008)
 4191065.2 | 46.00971 (16012008)   46.67166 (16012008)   47.34564 (16012008)   48.03244 (16012008)
48.73296 (16012008)
 4191045.2 | 46.18065 (13030108)   46.91211 (13030108)   47.66217 (13030108)   48.43155 (13030108)
49.22104 (13030108)
 4191025.2 | 46.95997 (13030108)   47.65433 (13030108)   48.38342 (13030108)   49.13086 (13030108)
49.89743 (13030108)
 4191005.2 | 47.52224 (13030108)   48.18102 (13030108)   48.88892 (13030108)   49.61449 (13030108)
50.35853 (13030108)
 4190985.2 | 47.89118 (13030108)   48.53199 (13030108)   49.22004 (13030108)   49.92538 (13030108)
50.64884 (13030108)
 4190965.2 | 48.19756 (13030108)   48.80118 (13030108)   49.41407 (13030108)   50.10175 (13030108)
50.85613 (13030108)
 4190945.2 | 48.34430 (13030108)   48.96446 (13030108)   49.59913 (13030108)   50.27511 (13030108)
50.98714 (13030108)
 4190925.2 | 48.36974 (13030108)   49.00064 (13030108)   49.64795 (13030108)   50.31255 (13030108)
50.99536 (13030108)
 4190905.2 | 48.31186 (13030108)   48.93289 (13030108)   49.57041 (13030108)   50.22529 (13030108)
50.89846 (13030108)
 4190885.2 | 48.19564 (13030108)   48.80908 (13030108)   49.43910 (13030108)   50.08761 (13030108)
50.75381 (13030108)
 4190865.2 | 48.02456 (13030108)   48.63363 (13030108)   49.25312 (13030108)   49.90237 (13030108)
50.56380 (13030108)
 4190845.2 | 47.79529 (13030108)   48.40127 (13030108)   49.02446 (13030108)   49.66438 (13030108)
50.31933 (13030108)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: HAUL2
***
                               INCLUDING SOURCE(S):   L0000573   , L0000574   , L0000575   , L0000576   ,
L0000577   ,
                L0000578   , L0000579   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560117.30   560137.30   560157.30   560177.30
560197.30
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- - - - - - - -

 4190825.2 | 47.49804 (13030108)   48.10269 (13030108)   48.72382 (13030108)   49.35670 (13030108)
50.01088 (13030108)
 4190805.2 | 47.11707 (13030108)   47.72125 (13030108)   48.33321 (13030108)   48.96921 (13030108)
49.62393 (13030108)
 4190785.2 | 46.63140 (13030108)   47.23282 (13030108)   47.84279 (13030108)   48.47622 (13030108)
49.12845 (13030108)
 4190765.2 | 46.01593 (13030108)   46.61239 (13030108)   47.21800 (13030108)   47.84708 (13030108)
48.49502 (13030108)
 4190745.2 | 45.26082 (15032607)   45.83110 (13030108)   46.42877 (13030108)   47.05040 (13030108)
47.69087 (13030108)
 4190725.2 | 44.91437 (15032607)   45.46610 (15032607)   46.02502 (15032607)   46.60638 (15032607)
47.20483 (15032607)
 4190705.2 | 44.47195 (15032607)   45.01349 (15032607)   45.56262 (15032607)   46.13334 (15032607)
46.71461 (15032607)
 4190685.2 | 44.36093 (14010608)   44.88444 (14010608)   45.41038 (14010608)   45.95973 (14010608)
46.50166 (14010608)
 4190665.2 | 44.21376 (14010608)   44.72845 (14010608)   45.24671 (14010608)   45.78601 (14010608)
46.32029 (14010608)
 4190645.2 | 44.01938 (14010608)   44.52455 (14010608)   45.03406 (14010608)   45.56261 (14010608)
46.08738 (14010608)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL2 ***

INCLUDING SOURCE(S): L0000573 , L0000574 , L0000575 , L0000576 , L0000577 , L0000578 , L0000579 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	560217.30	560237.30	560257.30	560277.30	560297.30
4191625.2	66.15847 (13121108)	67.24858 (13121108)	68.28320 (13121108)	69.25747 (13121108)	70.16495 (13121108)
4191605.2	65.83282 (13121108)	67.06547 (13121108)	68.25159 (13121108)	69.38879 (13121108)	70.47348 (13121108)
4191585.2	65.26162 (13121108)	66.62446 (13121108)	67.94608 (13121108)	69.22606 (13121108)	70.46325 (13121108)
4191565.2	64.46111 (13121108)	65.94723 (13121108)	67.39449 (13121108)	68.80376 (13121108)	70.17567 (13121108)
4191545.2	63.43905 (13121108)	65.04615 (13121108)	66.61474 (13121108)	68.14623 (13121108)	69.64228 (13121108)
4191525.2	62.19572 (13121108)	63.92461 (13121108)	65.61431 (13121108)	67.26690 (13121108)	68.88304 (13121108)
4191505.2	60.67522 (13121108)	62.52436 (13121108)	64.36137 (13121108)	66.16152 (13121108)	67.90581 (13121108)
4191485.2	58.89995 (13121108)	60.87289 (13121108)	62.88115 (13121108)	64.82922 (13121108)	66.70988 (13121108)
4191465.2	56.95781 (13121108)	59.05993 (13121108)	61.18465 (13121108)	63.27562 (13121108)	65.28503 (13121108)
4191445.2	55.31470 (15021108)	56.99221 (13121108)	59.20738 (13121108)	61.42564 (13121108)	63.61563 (13121108)
4191425.2	55.36057 (15021108)	56.17385 (15021108)	56.99126 (15021108)	59.31974 (13121108)	61.68042 (13121108)
4191405.2	55.23956 (15021108)	56.10620 (15021108)	56.97851 (15021108)	57.87623 (15021108)	59.45062 (13121108)
4191385.2	54.97232 (15021108)	55.88815 (15021108)	56.80943 (15021108)	57.73816 (15021108)	58.71100 (15021108)
4191365.2	54.56936 (15021108)	55.53426 (15021108)	56.50313 (15021108)	57.47823 (15021108)	58.46192 (15021108)
4191345.2	54.03152 (15021108)	55.04863 (15021108)	56.06744 (15021108)	57.09024 (15021108)	58.11952 (15021108)
4191325.2	53.38045 (13123007)	54.42598 (15021108)	55.49989 (15021108)	56.57501 (15021108)	57.65374 (15021108)
4191305.2	52.94604 (16120108)	53.85319 (13123007)	54.80496 (13123007)	55.92358 (15021108)	57.05841 (15021108)
4191285.2	52.86185 (16120108)	53.62318 (16120108)	54.40219 (16120108)	55.29922 (13123007)	56.31845 (15021108)
4191265.2	52.68326 (16120108)	53.46382 (16120108)	54.26113 (16120108)	55.07694 (16120108)	55.91309 (16120108)
4191245.2	52.41909 (16120108)	53.22049 (16120108)	54.03706 (16120108)	54.87065 (16120108)	55.72321 (16120108)
4191225.2	52.16835 (17112007)	52.94770 (17112007)	53.74525 (17112007)	54.58796 (16120108)	55.45939 (16120108)
4191205.2	51.91518 (17112007)	52.71321 (17112007)	53.52812 (17112007)	54.36158 (17112007)	55.21536 (17112007)
4191185.2	51.57117 (17112007)	52.39138 (17112007)	53.22692 (17112007)	54.07942 (17112007)	

54.95064 (17112007)
 4191165.2 | 51.12739 (17112007)   51.97469 (17112007)   52.83569 (17112007)   53.71193 (17112007)
54.60511 (17112007)
 4191145.2 | 50.66410 (13111607)   51.44782 (17112007)   52.34020 (17112007)   53.24614 (17112007)
54.16720 (17112007)
 4191125.2 | 50.29187 (13111607)   51.06732 (13111607)   51.85772 (13111607)   52.66450 (13111607)
53.61739 (17112007)
 4191105.2 | 50.03996 (16012008)   50.74750 (16012008)   51.47399 (16012008)   52.26617 (13111607)
53.11186 (13111607)
 4191085.2 | 49.77937 (16012008)   50.49653 (16012008)   51.23163 (16012008)   51.98596 (16012008)
52.76093 (16012008)
 4191065.2 | 49.44817 (16012008)   50.17913 (16012008)   50.92698 (16012008)   51.75658 (13030108)
52.68819 (13030108)
 4191045.2 | 50.03148 (13030108)   50.86376 (13030108)   51.71884 (13030108)   52.59776 (13030108)
53.50162 (13030108)
 4191025.2 | 50.68398 (13030108)   51.49140 (13030108)   52.32069 (13030108)   53.17288 (13030108)
54.04914 (13030108)
 4191005.2 | 51.12193 (13030108)   51.90561 (13030108)   52.71061 (13030108)   53.53801 (13030108)
54.45523 (13030108)
 4190985.2 | 51.39133 (13030108)   52.17345 (13030108)   52.95776 (13030108)   53.78399 (13030108)
54.71803 (13030108)
 4190965.2 | 51.64816 (13030108)   52.44756 (13030108)   53.22666 (13030108)   54.02620 (13030108)
54.85420 (13030108)
 4190945.2 | 51.73476 (13030108)   52.48206 (13030108)   53.24048 (13030108)   54.01914 (13030108)
54.82169 (13030108)
 4190925.2 | 51.69736 (13030108)   52.41962 (13030108)   53.16328 (13030108)   53.92957 (13030108)
54.71983 (13030108)
 4190905.2 | 51.59052 (13030108)   52.29738 (13030108)   53.02836 (13030108)   53.78577 (13030108)
54.56723 (13030108)
 4190885.2 | 51.43798 (13030108)   52.13234 (13030108)   52.85552 (13030108)   53.60614 (13030108)
54.38083 (13030108)
 4190865.2 | 51.23252 (13030108)   51.93424 (13030108)   52.65754 (13030108)   53.40361 (13030108)
54.17370 (13030108)
 4190845.2 | 50.99197 (13030108)   51.69067 (13030108)   52.41096 (13030108)   53.15400 (13030108)
53.92102 (13030108)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: HAUL2
***
                               INCLUDING SOURCE(S):   L0000573   , L0000574   , L0000575   , L0000576   ,
L0000577   ,
                L0000578   , L0000579   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560217.30   560237.30   560257.30   560277.30
560297.30
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- - - - - - - -

 4190825.2 | 50.68700 (13030108)   51.38368 (13030108)   52.10198 (13030108)   52.84301 (13030108)
53.60798 (13030108)
 4190805.2 | 50.29829 (13030108)   50.99325 (13030108)   51.70987 (13030108)   52.44924 (13030108)
53.21255 (13030108)
 4190785.2 | 49.80040 (13030108)   50.49301 (13030108)   51.19488 (13030108)   51.90209 (13030108)
52.66191 (13030108)
 4190765.2 | 49.16272 (13030108)   49.83845 (13030108)   50.51903 (13030108)   51.21733 (13030108)
51.97165 (13030108)
 4190745.2 | 48.34833 (13030108)   48.98026 (13030108)   49.65819 (13030108)   50.38079 (13030108)
51.12718 (13030108)

 4190725.2 | 47.81877 (15032607)   48.41185 (15032607)   49.04506 (15032607)   49.71936 (15032607)
50.41558 (15032607)
 4190705.2 | 47.30565 (15032607)   47.89744 (15032607)   48.52772 (15032607)   49.18994 (15032607)
49.87373 (15032607)
 4190685.2 | 47.03490 (14010608)   47.62807 (14010608)   48.23793 (14010608)   48.98382 (17012607)
50.92862 (17012607)
 4190665.2 | 46.84628 (14010608)   47.42964 (14010608)   49.18421 (17012607)   51.00143 (17012607)
52.76253 (17012607)
 4190645.2 | 47.55224 (17012607)   49.30139 (17012607)   50.99878 (17012607)   52.64029 (17012607)
54.22348 (17012607)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: HAUL2
***
                               INCLUDING SOURCE(S):   L0000573   , L0000574   , L0000575   , L0000576   ,
L0000577   ,
                L0000578   , L0000579   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560317.30   560337.30   560357.30   560377.30
560397.30
 -
- - - - - - - -

 4191625.2 | 70.99727 (13121108)   71.70960 (13121108)   72.30159 (16011808)   74.26786 (16011808)
76.23183 (16011808)
 4191605.2 | 71.50054 (13121108)   72.44396 (13121108)   73.19968 (13121108)   73.82238 (13121108)
75.28700 (16011808)
 4191585.2 | 71.65542 (13121108)   72.79890 (13121108)   73.88824 (13121108)   74.78559 (13121108)
75.43133 (13121108)
 4191565.2 | 71.51031 (13121108)   72.80688 (13121108)   74.06331 (13121108)   75.24852 (13121108)
76.36779 (13121108)
 4191545.2 | 71.10455 (13121108)   72.53435 (13121108)   73.93236 (13121108)   75.29816 (13121108)
76.62987 (13121108)
 4191525.2 | 70.46561 (13121108)   72.01720 (13121108)   73.54034 (13121108)   75.03714 (13121108)
76.50887 (13121108)
 4191505.2 | 69.60820 (13121108)   71.27774 (13121108)   72.91833 (13121108)   74.53361 (13121108)
76.12710 (13121108)
 4191485.2 | 68.53507 (13121108)   70.32477 (13121108)   72.08255 (13121108)   73.81264 (13121108)
75.51970 (13121108)
 4191465.2 | 67.23903 (13121108)   69.15519 (13121108)   71.03546 (13121108)   72.88369 (13121108)
74.70473 (13121108)
 4191445.2 | 65.70593 (13121108)   67.75668 (13121108)   69.76801 (13121108)   71.74257 (13121108)
73.68441 (13121108)
 4191425.2 | 63.91927 (13121108)   66.11102 (13121108)   68.26291 (13121108)   70.37438 (13121108)
72.44785 (13121108)
 4191405.2 | 61.85542 (13121108)   64.19871 (13121108)   66.49943 (13121108)   68.75844 (13121108)
70.97454 (13121108)
 4191385.2 | 59.69620 (15021108)   61.94761 (13121108)   64.40053 (13121108)   66.84401 (13121108)
69.23632 (13121108)
 4191365.2 | 59.45662 (15021108)   60.46483 (15021108)   61.96008 (13121108)   64.58241 (13121108)
67.15836 (13121108)
 4191345.2 | 59.15795 (15021108)   60.20837 (15021108)   61.27373 (15021108)   62.35704 (15021108)
64.71507 (13121108)
 4191325.2 | 58.73877 (15021108)   59.83304 (15021108)   60.93972 (15021108)   62.06216 (15021108)
63.20385 (15021108)
 4191305.2 | 58.19620 (15021108)   59.33976 (15021108)   60.49225 (15021108)   61.65709 (15021108)
62.83800 (15021108)
 4191285.2 | 57.51736 (15021108)   58.71838 (15021108)   59.92440 (15021108)   61.13870 (15021108)

62.36493 (15021108)
 4191265.2 | 56.83307 (13123007)   57.94978 (15021108)   59.21920 (15021108)   60.49267 (15021108)
61.77353 (15021108)
 4191245.2 | 56.59679 (16120108)   57.49351 (16120108)   58.46685 (13123007)   59.69572 (15021108)
61.04263 (15021108)
 4191225.2 | 56.34996 (16120108)   57.26191 (16120108)   58.19755 (16120108)   59.15942 (16120108)
60.21411 (13123007)
 4191205.2 | 56.09135 (17112007)   56.99156 (17112007)   57.91813 (17112007)   58.89189 (16120108)
59.89489 (16120108)
 4191185.2 | 55.84249 (17112007)   56.75699 (17112007)   57.69633 (17112007)   58.66284 (17112007)
59.65901 (17112007)
 4191165.2 | 55.51706 (17112007)   56.44980 (17112007)   57.40548 (17112007)   58.38647 (17112007)
59.39527 (17112007)
 4191145.2 | 55.10510 (17112007)   56.06175 (17112007)   57.03925 (17112007)   58.03987 (17112007)
59.06612 (17112007)
 4191125.2 | 54.58821 (17112007)   55.57577 (17112007)   56.58203 (17112007)   57.60912 (17112007)
58.65945 (17112007)
 4191105.2 | 54.00278 (15021007)   54.96706 (17112007)   56.01006 (17112007)   57.07172 (17112007)
58.15421 (17112007)
 4191085.2 | 53.55798 (16012008)   54.45223 (15021007)   55.42014 (15021007)   56.41051 (15021007)
57.52123 (17112007)
 4191065.2 | 53.64730 (13030108)   54.63519 (13030108)   55.65326 (13030108)   56.70301 (13030108)
57.78607 (13030108)
 4191045.2 | 54.43162 (13030108)   55.38907 (13030108)   56.37538 (13030108)   57.39209 (13030108)
58.44086 (13030108)
 4191025.2 | 54.95071 (13030108)   55.87893 (13030108)   56.83527 (13030108)   57.82135 (13030108)
58.86885 (13030108)
 4191005.2 | 55.35539 (13030108)   56.26136 (13030108)   57.19542 (13030108)   58.20329 (13030108)
59.24112 (13030108)
 4190985.2 | 55.60622 (13030108)   56.49354 (13030108)   57.40915 (13030108)   58.41698 (13030108)
59.43052 (13030108)
 4190965.2 | 55.69764 (13030108)   56.56786 (13030108)   57.46655 (13030108)   58.40013 (13030108)
59.36931 (13030108)
 4190945.2 | 55.64956 (13030108)   56.50429 (13030108)   57.38757 (13030108)   58.30120 (13030108)
59.24715 (13030108)
 4190925.2 | 55.53548 (13030108)   56.37805 (13030108)   57.24922 (13030108)   58.15077 (13030108)
59.08342 (13030108)
 4190905.2 | 55.37416 (13030108)   56.20808 (13030108)   57.07063 (13030108)   57.96357 (13030108)
58.88882 (13030108)
 4190885.2 | 55.18096 (13030108)   56.00802 (13030108)   56.86363 (13030108)   57.74949 (13030108)
58.66746 (13030108)
 4190865.2 | 54.96918 (13030108)   55.79148 (13030108)   56.64217 (13030108)   57.52293 (13030108)
58.43557 (13030108)
 4190845.2 | 54.71333 (13030108)   55.53235 (13030108)   56.37961 (13030108)   57.25672 (13030108)
58.16546 (13030108)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: HAUL2
***
                               INCLUDING SOURCE(S):   L0000573   , L0000574   , L0000575   , L0000576   ,
L0000577   ,
                L0000578   , L0000579   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560317.30   560337.30   560357.30   560377.30
560397.30
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- - - - - - - -

 4190825.2 | 54.39019 (13030108)   55.19550 (13030108)   56.04006 (13030108)   56.91430 (13030108)
57.81992 (13030108)
 4190805.2 | 53.97604 (13030108)   54.73279 (13030108)   55.57327 (13030108)   56.44318 (13030108)
57.34418 (13030108)
 4190785.2 | 53.43660 (13030108)   54.22115 (13030108)   55.05912 (13030108)   55.92645 (13030108)
56.82476 (13030108)
 4190765.2 | 52.75104 (13030108)   53.55680 (13030108)   54.39036 (13030108)   55.25323 (13030108)
56.14702 (13030108)
 4190745.2 | 51.89856 (13030108)   52.69626 (13030108)   53.52166 (13030108)   54.37628 (13030108)
55.26172 (13030108)
 4190725.2 | 51.13493 (15032607)   51.87864 (15032607)   52.68772 (17012607)   54.80265 (17012607)
56.85100 (17012607)
 4190705.2 | 50.76999 (17012607)   52.79708 (17012607)   54.76380 (17012607)   56.66464 (17012607)
58.49631 (17012607)
 4190685.2 | 52.81823 (17012607)   54.64705 (17012607)   56.41152 (17012607)   58.11028 (17012607)
59.74393 (17012607)
 4190665.2 | 54.46364 (17012607)   56.10275 (17012607)   57.67989 (17012607)   59.19705 (17012607)
60.65798 (17012607)
 4190645.2 | 55.74768 (17012607)   57.21402 (17012607)   58.62535 (17012607)   59.98617 (17012607)
61.30242 (17012607)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: HAUL2
***
                               INCLUDING SOURCE(S):   L0000573   , L0000574   , L0000575   , L0000576   ,
L0000577   ,
                L0000578   , L0000579   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560417.30   560437.30   560457.30   560477.30
560497.30
 -
- - - - - - - -

 4191625.2 | 78.10162 (16011808)   79.87270 (16011808)   81.53622 (16011808)   83.08064 (16011808)
85.37028 (15020308)
 4191605.2 | 77.35423 (16011808)   79.33232 (16011808)   81.21905 (16011808)   83.00966 (16011808)
84.69444 (16011808)
 4191585.2 | 76.35150 (16011808)   78.52446 (16011808)   80.61434 (16011808)   82.62114 (16011808)
84.54223 (16011808)
 4191565.2 | 77.46080 (13121108)   78.48312 (13121108)   79.92411 (16011808)   82.15700 (16011808)
84.31888 (16011808)
 4191545.2 | 77.92367 (13121108)   79.17328 (13121108)   80.36949 (13121108)   81.49963 (13121108)
83.48384 (16011808)
 4191525.2 | 77.95559 (13121108)   79.37561 (13121108)   80.76500 (13121108)   82.11706 (13121108)
83.42167 (13121108)
 4191505.2 | 77.70174 (13121108)   79.25954 (13121108)   80.80103 (13121108)   82.32478 (13121108)
83.82681 (13121108)
 4191485.2 | 77.20854 (13121108)   78.88374 (13121108)   80.54922 (13121108)   82.20777 (13121108)
83.83978 (13121108)
 4191465.2 | 76.50414 (13121108)   78.28795 (13121108)   80.06228 (13121108)   81.83284 (13121108)
83.57228 (13121108)
 4191445.2 | 75.59887 (13121108)   77.49230 (13121108)   79.37181 (13121108)   81.24481 (13121108)
83.11471 (13121108)
 4191425.2 | 74.48747 (13121108)   76.49892 (13121108)   78.48916 (13121108)   80.46622 (13121108)
82.43894 (13121108)
 4191405.2 | 73.15250 (13121108)   75.29509 (13121108)   77.40815 (13121108)   79.49923 (13121108)
81.57719 (13121108)
 4191385.2 | 71.56649 (13121108)   73.86036 (13121108)   76.10882 (13121108)   78.32937 (13121108)

80.52655 (13121108)
 4191365.2 | 69.65030 (13121108)   72.14448 (13121108)   74.56591 (13121108)   76.93436 (13121108)
79.26820 (13121108)
 4191345.2 | 67.37255 (13121108)   70.08573 (13121108)   72.71701 (13121108)   75.25085 (13121108)
77.76373 (13121108)
 4191325.2 | 64.86433 (13121108)   67.78951 (13121108)   70.58557 (13121108)   73.30129 (13121108)
75.97080 (13121108)
 4191305.2 | 64.03889 (15021108)   65.39824 (15021108)   68.08432 (13121108)   70.98891 (13121108)
73.84847 (13121108)
 4191285.2 | 63.60710 (15021108)   64.94299 (15021108)   66.31627 (15021108)   68.30517 (13121108)
71.36418 (13121108)
 4191265.2 | 63.06562 (15021108)   64.39366 (15021108)   65.78970 (15021108)   67.22912 (15021108)
68.63100 (15021108)
 4191245.2 | 62.39591 (15021108)   63.75948 (15021108)   65.17498 (15021108)   66.68428 (15021108)
68.12462 (15021108)
 4191225.2 | 61.57051 (15021108)   63.00310 (15021108)   64.46485 (15021108)   66.00967 (15021108)
67.52173 (15021108)
 4191205.2 | 60.92759 (16120108)   62.08993 (13123007)   63.59051 (15021108)   65.15426 (15021108)
66.78500 (15021108)
 4191185.2 | 60.68746 (17112007)   61.75102 (17112007)   62.85268 (17112007)   64.15176 (15021108)
65.88706 (15021108)
 4191165.2 | 60.43459 (17112007)   61.50733 (17112007)   62.61658 (17112007)   63.76561 (17112007)
65.11506 (17112007)
 4191145.2 | 60.12070 (17112007)   61.20654 (17112007)   62.32679 (17112007)   63.48480 (17112007)
64.74591 (17112007)
 4191125.2 | 59.73562 (17112007)   60.84052 (17112007)   61.97729 (17112007)   63.14931 (17112007)
64.36032 (17112007)
 4191105.2 | 59.25998 (17112007)   60.39176 (17112007)   61.55256 (17112007)   62.74572 (17112007)
63.97489 (17112007)
 4191085.2 | 58.66585 (17112007)   59.83382 (17112007)   61.02794 (17112007)   62.25133 (17112007)
63.50745 (17112007)
 4191065.2 | 58.90420 (13030108)   60.05933 (13030108)   61.25358 (13030108)   62.60443 (13030108)
63.92882 (13030108)
 4191045.2 | 59.52354 (13030108)   60.64213 (13030108)   61.86967 (13030108)   63.26551 (13030108)
64.57896 (13030108)
 4191025.2 | 60.06108 (13030108)   61.18054 (13030108)   62.31459 (13030108)   63.54216 (13030108)
64.86333 (13030108)
 4191005.2 | 60.36720 (13030108)   61.45532 (13030108)   62.56781 (13030108)   63.72192 (13030108)
64.95582 (13030108)
 4190985.2 | 60.44540 (13030108)   61.49683 (13030108)   62.58734 (13030108)   63.71972 (13030108)
64.89701 (13030108)
 4190965.2 | 60.36495 (13030108)   61.39728 (13030108)   62.46886 (13030108)   63.58245 (13030108)
64.74108 (13030108)
 4190945.2 | 60.22064 (13030108)   61.23489 (13030108)   62.29169 (13030108)   63.39058 (13030108)
64.53453 (13030108)
 4190925.2 | 60.03166 (13030108)   61.01974 (13030108)   62.06411 (13030108)   63.15040 (13030108)
64.28153 (13030108)
 4190905.2 | 59.83639 (13030108)   60.82550 (13030108)   61.86041 (13030108)   62.93694 (13030108)
64.05793 (13030108)
 4190885.2 | 59.61957 (13030108)   60.60796 (13030108)   61.63499 (13030108)   62.70321 (13030108)
63.81539 (13030108)
 4190865.2 | 59.38204 (13030108)   60.36443 (13030108)   61.38505 (13030108)   62.44637 (13030108)
63.55108 (13030108)
 4190845.2 | 59.10773 (13030108)   60.08557 (13030108)   61.09758 (13030108)   62.11258 (13030108)
63.19552 (13030108)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: HAUL2
***
                                INCLUDING SOURCE(S):   L0000573   , L0000574   , L0000575   , L0000576   ,
L0000577   ,
                L0000578   , L0000579   ,

Y-COORD (METERS)	X-COORD (METERS)				
	560417.30	560437.30	560457.30	560477.30	560497.30
4190825.2	58.75879 (13030108)	59.73290 (13030108)	60.73705 (13030108)	61.73304 (13030108)	62.80244 (13030108)
4190805.2	58.27807 (13030108)	59.24680 (13030108)	60.25248 (13030108)	61.29737 (13030108)	62.38395 (13030108)
4190785.2	57.75584 (13030108)	58.72159 (13030108)	59.72407 (13030108)	60.76551 (13030108)	61.84835 (13030108)
4190765.2	57.07349 (13030108)	58.03451 (13030108)	59.27904 (17012607)	61.50830 (17012607)	63.65549 (17012607)
4190745.2	56.95776 (17012607)	59.09199 (17012607)	61.14946 (17012607)	63.12928 (17012607)	65.03337 (17012607)
4190725.2	58.82728 (17012607)	60.72916 (17012607)	62.55749 (17012607)	64.31676 (17012607)	66.01313 (17012607)
4190705.2	60.25769 (17012607)	61.95028 (17012607)	63.57956 (17012607)	65.15289 (17012607)	66.67942 (17012607)
4190685.2	61.31491 (17012607)	62.82844 (17012607)	64.29189 (17012607)	65.71462 (17012607)	67.10727 (17012607)
4190665.2	62.06802 (17012607)	63.43378 (17012607)	64.76388 (17012607)	66.06884 (17012607)	67.35903 (17012607)
4190645.2	62.58069 (17012607)	63.82859 (17012607)	65.05525 (17012607)	66.27036 (17012607)	67.48384 (17012607)

Y-COORD (METERS)	X-COORD (METERS)				
	560517.30	560537.30	560557.30	560577.30	560597.30
4191625.2	87.76536 (15020308)	89.99510 (15020308)	92.03468 (15020308)	93.84959 (15020308)	95.39685 (15020308)
4191605.2	87.00535 (15020308)	89.71603 (15020308)	92.18444 (15020308)	94.42862 (15020308)	96.46961 (15020308)
4191585.2	86.45185 (16011808)	88.97603 (15020308)	91.74943 (15020308)	94.36591 (15020308)	96.83372 (15020308)
4191565.2	86.43187 (16011808)	88.52925 (16011808)	90.70917 (15020308)	93.62264 (15020308)	96.42472 (15020308)
4191545.2	85.77818 (16011808)	88.02677 (16011808)	90.21983 (16011808)	92.45999 (15020308)	95.52888 (15020308)
4191525.2	84.80766 (16011808)	87.21895 (16011808)	89.58237 (16011808)	91.90110 (16011808)	94.26505 (15020308)
4191505.2	85.29923 (13121108)	86.73153 (13121108)	88.69938 (16011808)	91.19209 (16011808)	93.65399 (16011808)
4191485.2	85.45117 (13121108)	87.07378 (13121108)	88.71783 (13121108)	90.33954 (13121108)	

92.84718 (16011808)
 4191465.2 | 85.22676 (13121108)   86.97993 (13121108)   88.87148 (13121108)   90.74267 (13121108)
92.52655 (13121108)
 4191445.2 | 84.98105 (13121108)   86.87118 (13121108)   88.79068 (13121108)   90.74861 (13121108)
92.70642 (13121108)
 4191425.2 | 84.41648 (13121108)   86.39099 (13121108)   88.38830 (13121108)   90.42098 (13121108)
92.48751 (13121108)
 4191405.2 | 83.65115 (13121108)   85.68466 (13121108)   87.73254 (13121108)   89.83638 (13121108)
91.97436 (13121108)
 4191385.2 | 82.70983 (13121108)   84.88961 (13121108)   87.06188 (13121108)   89.20057 (13121108)
91.42153 (13121108)
 4191365.2 | 81.57416 (13121108)   83.86873 (13121108)   86.16126 (13121108)   88.45094 (13121108)
90.76768 (13121108)
 4191345.2 | 80.21512 (13121108)   82.64506 (13121108)   85.05839 (13121108)   87.46714 (13121108)
89.88598 (13121108)
 4191325.2 | 78.59324 (13121108)   81.18214 (13121108)   83.74130 (13121108)   86.28090 (13121108)
88.81536 (13121108)
 4191305.2 | 76.66399 (13121108)   79.43497 (13121108)   82.16540 (13121108)   84.86343 (13121108)
87.54048 (13121108)
 4191285.2 | 74.38238 (13121108)   77.35474 (13121108)   80.28095 (13121108)   83.16489 (13121108)
86.01412 (13121108)
 4191265.2 | 71.70804 (13121108)   74.89428 (13121108)   78.03545 (13121108)   81.12999 (13121108)
84.18046 (13121108)
 4191245.2 | 69.59351 (15021108)   72.01304 (13121108)   75.37955 (13121108)   78.70279 (13121108)
81.97880 (13121108)
 4191225.2 | 69.02743 (15021108)   70.57308 (15021108)   72.27314 (13121108)   75.83261 (13121108)
79.35091 (13121108)
 4191205.2 | 68.35159 (15021108)   69.94525 (15021108)   71.57237 (15021108)   73.23967 (15021108)
76.24574 (13121108)
 4191185.2 | 67.53209 (15021108)   69.19076 (15021108)   70.87442 (15021108)   72.59007 (15021108)
74.34727 (15021108)
 4191165.2 | 66.52864 (15021108)   68.26871 (15021108)   70.02824 (15021108)   71.81151 (15021108)
73.62694 (15021108)
 4191145.2 | 66.06802 (17112007)   67.42911 (17112007)   68.98587 (15021108)   70.85830 (15021108)
72.75361 (15021108)
 4191125.2 | 65.65651 (17112007)   67.08429 (17112007)   68.45013 (17112007)   69.86074 (17112007)
71.64597 (15021108)
 4191105.2 | 65.26631 (17112007)   66.67782 (17112007)   68.07169 (17112007)   69.43926 (17112007)
70.92648 (17112007)
 4191085.2 | 64.80012 (17112007)   66.17353 (17112007)   67.66264 (13030108)   69.48202 (13030108)
71.12406 (13030108)
 4191065.2 | 65.26395 (13030108)   66.64963 (13030108)   68.21536 (13030108)   69.84218 (13030108)
71.53629 (13030108)
 4191045.2 | 65.88362 (13030108)   67.23908 (13030108)   68.64912 (13030108)   70.18670 (13030108)
71.87858 (13030108)
 4191025.2 | 66.20504 (13030108)   67.53307 (13030108)   68.91643 (13030108)   70.35950 (13030108)
71.81193 (13030108)
 4191005.2 | 66.23411 (13030108)   67.50319 (13030108)   68.84614 (13030108)   70.24769 (13030108)
71.55116 (13030108)
 4190985.2 | 66.11620 (13030108)   67.31787 (13030108)   68.60718 (13030108)   69.97347 (13030108)
71.20716 (13030108)
 4190965.2 | 65.94453 (13030108)   67.15022 (13030108)   68.43041 (13030108)   69.78455 (13030108)
71.03126 (13030108)
 4190945.2 | 65.72338 (13030108)   66.93095 (13030108)   68.21641 (13030108)   69.56005 (13030108)
70.81925 (13030108)
 4190925.2 | 65.46070 (13030108)   66.69137 (13030108)   67.97735 (13030108)   69.31110 (13030108)
70.58053 (13030108)
 4190905.2 | 65.22648 (13030108)   66.44598 (13030108)   67.72012 (13030108)   69.04419 (13030108)
70.32064 (13030108)
 4190885.2 | 64.97454 (13030108)   66.18394 (13030108)   67.44720 (13030108)   68.76184 (13030108)
70.04174 (13030108)
 4190865.2 | 64.70211 (13030108)   65.90267 (13030108)   67.15624 (13030108)   68.45484 (13030108)
69.74180 (13030108)
 4190845.2 | 64.33821 (13030108)   65.52961 (13030108)   66.77310 (13030108)   68.07241 (13030108)
69.39311 (13030108)

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: HAUL2
***
                                INCLUDING SOURCE(S):   L0000573   , L0000574   , L0000575   , L0000576   ,
L0000577   ,
                L0000578   , L0000579   ,

                                     *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                          ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560517.30   560537.30   560557.30   560577.30
560597.30
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- - - - - - - -

 4190825.2 | 63.93768 (13030108)   65.12081 (13030108)   66.35511 (13030108)   67.64418 (13030108)
70.05025 (17012607)
 4190805.2 | 63.51492 (13030108)   64.69321 (13030108)   66.96170 (17012607)   69.31041 (17012607)
71.56933 (17012607)
 4190785.2 | 64.12367 (17012607)   66.36753 (17012607)   68.52507 (17012607)   70.60229 (17012607)
72.60928 (17012607)
 4190765.2 | 65.72051 (17012607)   67.70705 (17012607)   69.62249 (17012607)   71.47750 (17012607)
73.28565 (17012607)
 4190745.2 | 66.86687 (17012607)   68.63799 (17012607)   70.35759 (17012607)   72.03875 (17012607)
73.69613 (17012607)
 4190725.2 | 67.65525 (17012607)   69.25385 (17012607)   70.82134 (17012607)   72.37122 (17012607)
73.91761 (17012607)
 4190705.2 | 68.16957 (17012607)   69.63496 (17012607)   71.08796 (17012607)   72.54122 (17012607)
74.00730 (17012607)
 4190685.2 | 68.48066 (17012607)   69.84602 (17012607)   71.21472 (17012607)   72.84706 (13110808)
75.43815 (13110808)
 4190665.2 | 68.64489 (17012607)   69.93654 (17012607)   71.73951 (13110808)   74.17486 (13110808)
76.48033 (13110808)
 4190645.2 | 68.70509 (17012607)   70.66204 (13110808)   72.95419 (13110808)   75.12598 (13110808)
77.19692 (13110808)

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: HAUL2
***
                                INCLUDING SOURCE(S):   L0000573   , L0000574   , L0000575   , L0000576   ,
L0000577   ,
                L0000578   , L0000579   ,

                                     *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                          ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560617.30   560637.30   560657.30   560677.30
560697.30
 -
- - - - - - - -

 4191625.2 | 97.42898 (15102707)   101.10599 (15102707)   104.47386 (15102707)   107.48984 (16011807)
112.47631 (16011807)
 4191605.2 | 98.30593 (15020308)   100.23430 (15102707)   104.14708 (15102707)   107.77059 (15102707)
111.11895 (16011807)
 4191585.2 | 99.18927 (15020308)   101.32545 (15020308)   103.15874 (15020308)   107.11527 (15102707)

111.02108 (15102707)
 4191565.2 | 99.09983 (15020308)   101.61264 (15020308)   103.96892 (15020308)   106.08407 (15020308)
109.95660 (15102707)
 4191545.2 | 98.50166 (15020308)   101.36679 (15020308)   104.12054 (15020308)   106.71573 (15020308)
109.07897 (15020308)
 4191525.2 | 97.48020 (15020308)   100.61173 (15020308)   103.65387 (15020308)   106.48747 (15020308)
109.10445 (15020308)
 4191505.2 | 96.14162 (15020308)   99.52182 (15020308)   102.83444 (15020308)   105.99701 (15020308)
108.95830 (15020308)
 4191485.2 | 95.45300 (16011808)   98.09311 (15020308)   101.64279 (15020308)   105.10748 (15020308)
108.46162 (15020308)
 4191465.2 | 94.55490 (16011808)   97.30576 (16011808)   100.12557 (15020308)   103.85016 (15020308)
107.52030 (15020308)
 4191445.2 | 94.68232 (13121108)   96.66681 (13121108)   99.22265 (16011808)   102.23878 (15020308)
106.09212 (15020308)
 4191425.2 | 94.59101 (13121108)   96.73029 (13121108)   98.90479 (13121108)   101.14926 (16011808)
104.39903 (15020308)
 4191405.2 | 94.15310 (13121108)   96.38071 (13121108)   98.66236 (13121108)   100.99958 (13121108)
103.44694 (13121108)
 4191385.2 | 93.68317 (13121108)   95.99825 (13121108)   98.37692 (13121108)   100.82703 (13121108)
103.40465 (13121108)
 4191365.2 | 93.08917 (13121108)   95.43853 (13121108)   97.89137 (13121108)   100.48857 (13121108)
103.21206 (13121108)
 4191345.2 | 92.32430 (13121108)   94.73152 (13121108)   97.25255 (13121108)   99.95834 (13121108)
102.72408 (13121108)
 4191325.2 | 91.36448 (13121108)   93.87905 (13121108)   96.47684 (13121108)   99.22127 (13121108)
102.01300 (13121108)
 4191305.2 | 90.22023 (13121108)   92.89815 (13121108)   95.60186 (13121108)   98.36046 (13121108)
101.18920 (13121108)
 4191285.2 | 88.83939 (13121108)   91.65449 (13121108)   94.47935 (13121108)   97.33499 (13121108)
100.24411 (13121108)
 4191265.2 | 87.19221 (13121108)   90.17770 (13121108)   93.15267 (13121108)   96.13648 (13121108)
99.14964 (13121108)
 4191245.2 | 85.20850 (13121108)   88.39870 (13121108)   91.56037 (13121108)   94.70804 (13121108)
97.86224 (13121108)
 4191225.2 | 82.82343 (13121108)   86.24971 (13121108)   89.63443 (13121108)   92.98565 (13121108)
96.32227 (13121108)
 4191205.2 | 79.97526 (13121108)   83.66133 (13121108)   87.29971 (13121108)   90.89464 (13121108)
94.45666 (13121108)
 4191185.2 | 76.61299 (13121108)   80.56918 (13121108)   84.48425 (13121108)   88.35487 (13121108)
92.18243 (13121108)
 4191165.2 | 75.48226 (15021108)   77.38772 (15021108)   81.12302 (13121108)   85.28870 (13121108)
89.41305 (13121108)
 4191145.2 | 74.67781 (15021108)   76.64267 (15021108)   78.65957 (15021108)   81.63088 (13121108)
86.05937 (13121108)
 4191125.2 | 73.63404 (15021108)   75.62751 (15021108)   77.74984 (15021108)   79.90709 (15021108)
82.11891 (15021108)
 4191105.2 | 72.44763 (13030108)   74.31315 (13030108)   76.50881 (15021108)   78.83403 (15021108)
81.18598 (15021108)
 4191085.2 | 72.90116 (13030108)   74.81760 (13030108)   76.78764 (13030108)   78.73936 (13030108)
80.78471 (13030108)
 4191065.2 | 73.22390 (13030108)   74.98432 (13030108)   76.92116 (13030108)   78.85990 (13030108)
80.86809 (13030108)
 4191045.2 | 73.51397 (13030108)   75.20461 (13030108)   76.97770 (13030108)   78.84077 (13030108)
80.77573 (13030108)
 4191025.2 | 73.26038 (13030108)   74.74644 (13030108)   76.46368 (13030108)   78.26993 (13030108)
80.12288 (13030108)
 4191005.2 | 72.90534 (13030108)   74.36698 (13030108)   76.04760 (13030108)   77.81678 (13030108)
79.68274 (13030108)
 4190985.2 | 72.63415 (13030108)   74.21799 (13030108)   75.88358 (13030108)   77.63815 (13030108)
79.48980 (13030108)
 4190965.2 | 72.45126 (13030108)   74.02139 (13030108)   75.67314 (13030108)   77.41358 (13030108)
79.25061 (13030108)
 4190945.2 | 72.23259 (13030108)   73.78932 (13030108)   75.42700 (13030108)   77.15253 (13030108)
78.97361 (13030108)
 4190925.2 | 71.98668 (13030108)   73.52969 (13030108)   75.15264 (13030108)   76.86226 (13030108)
78.66602 (13030108)
 4190905.2 | 71.71884 (13030108)   73.24786 (13030108)   74.85561 (13030108)   76.54862 (13030108)
78.33420 (13030108)

 4190885.2 | 71.43142 (13030108)   72.94654 (13030108)   74.53905 (13030108)   76.21533 (13030108)
78.18592 (17012607)
 4190865.2 | 71.12274 (13030108)   72.62453 (13030108)   74.28007 (17012607)   77.11758 (17012607)
79.84826 (17012607)
 4190845.2 | 70.78521 (13030108)   73.42237 (17012607)   76.01207 (17012607)   78.50907 (17012607)
80.93076 (17012607)

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: HAUL2
***
                                INCLUDING SOURCE(S):   L0000573   , L0000574   , L0000575   , L0000576   ,
L0000577   ,
                L0000578   , L0000579   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560617.30   560637.30   560657.30   560677.30
560697.30
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- - - - - - - -

 4190825.2 | 72.51355 (17012607)   74.88472 (17012607)   77.17645 (17012607)   79.40649 (17012607)
81.59679 (17012607)
 4190805.2 | 73.74740 (17012607)   75.85813 (17012607)   77.91900 (17012607)   79.95053 (17012607)
81.97538 (17012607)
 4190785.2 | 74.55980 (17012607)   76.47059 (17012607)   78.36058 (17012607)   80.25005 (17012607)
82.45245 (13110808)
 4190765.2 | 75.06269 (17012607)   76.82592 (17012607)   78.59338 (17012607)   80.94898 (13110808)
84.12559 (13110808)
 4190745.2 | 75.34537 (17012607)   77.00249 (17012607)   79.49871 (13110808)   82.46790 (13110808)
85.28306 (13110808)
 4190725.2 | 75.47467 (17012607)   78.09865 (13110808)   80.87888 (13110808)   83.51761 (13110808)
86.04643 (13110808)
 4190705.2 | 76.74584 (13110808)   79.35381 (13110808)   81.83230 (13110808)   84.20868 (13110808)
86.51719 (13110808)
 4190685.2 | 77.88879 (13110808)   80.22009 (13110808)   82.45776 (13110808)   84.63285 (13110808)
86.77557 (13110808)
 4190665.2 | 78.67612 (13110808)   80.78694 (13110808)   82.83926 (13110808)   84.86169 (13110808)
86.88227 (13110808)
 4190645.2 | 79.19008 (13110808)   81.12979 (13110808)   83.04237 (13110808)   84.95101 (13110808)
86.88104 (13110808)

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: HAUL2
***
                                INCLUDING SOURCE(S):   L0000573   , L0000574   , L0000575   , L0000576   ,
L0000577   ,
                L0000578   , L0000579   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)

(METERS)	560717.30	560737.30	560757.30	560777.30	560797.30
4191625.2	117.38504 (16011807)	121.46744 (16011807)	128.54359 (13032907)	135.76609 (13032907)	142.29664 (13032907)
4191605.2	116.44179 (16011807)	121.26388 (16011807)	125.70631 (13032907)	133.81130 (13032907)	141.33409 (13032907)
4191585.2	114.57562 (15102707)	119.84878 (16011807)	124.92725 (16011807)	130.77518 (13032907)	139.21990 (13032907)
4191565.2	114.14010 (15102707)	117.97924 (15102707)	123.54263 (16011807)	128.89518 (16011807)	136.10719 (13032907)
4191545.2	113.05010 (15102707)	117.44782 (15102707)	121.61987 (16011807)	127.48484 (16011807)	133.05226 (16011807)
4191525.2	111.95588 (15020308)	116.18812 (15102707)	120.84429 (15102707)	125.44618 (16011807)	131.57993 (16011807)
4191505.2	112.05438 (15020308)	115.10072 (15020308)	119.55900 (15102707)	124.53565 (15102707)	129.56848 (16011807)
4191485.2	111.74216 (15020308)	115.11604 (15020308)	118.47307 (15020308)	123.07519 (15102707)	128.41097 (15102707)
4191465.2	111.04196 (15020308)	114.54930 (15020308)	118.14549 (15020308)	121.98039 (15020308)	126.84216 (15102707)
4191445.2	110.00575 (15020308)	113.83518 (15020308)	117.52279 (15020308)	121.46633 (15020308)	125.51851 (15020308)
4191425.2	108.56782 (15020308)	112.64718 (15020308)	116.66654 (15020308)	120.68908 (15020308)	125.03248 (15020308)
4191405.2	106.81554 (15020308)	111.12166 (15020308)	115.43270 (15020308)	119.63902 (15020308)	124.13715 (15020308)
4191385.2	106.32212 (13121108)	109.28762 (15020308)	113.80690 (15020308)	118.34495 (15020308)	123.01175 (15020308)
4191365.2	106.06393 (13121108)	108.98614 (13121108)	112.01399 (13121108)	116.64887 (15020308)	121.42144 (15020308)
4191345.2	105.56388 (13121108)	108.53389 (13121108)	111.64945 (13121108)	114.92496 (13121108)	119.63405 (15020308)
4191325.2	104.89656 (13121108)	107.90854 (13121108)	111.08581 (13121108)	114.50390 (13121108)	118.10683 (13121108)
4191305.2	104.11720 (13121108)	107.16586 (13121108)	110.36646 (13121108)	113.76560 (13121108)	117.36981 (13121108)
4191285.2	103.23103 (13121108)	106.32429 (13121108)	109.54833 (13121108)	112.91551 (13121108)	116.50859 (13121108)
4191265.2	102.22028 (13121108)	105.35031 (13121108)	108.57545 (13121108)	111.97359 (13121108)	115.57615 (13121108)
4191245.2	101.04927 (13121108)	104.23258 (13121108)	107.47258 (13121108)	110.94210 (13121108)	114.57985 (13121108)
4191225.2	99.66581 (13121108)	102.98721 (13121108)	106.29584 (13121108)	109.83041 (13121108)	113.50657 (13121108)
4191205.2	98.00182 (13121108)	101.53921 (13121108)	105.07250 (13121108)	108.60499 (13121108)	112.32558 (13121108)
4191185.2	95.97467 (13121108)	99.72074 (13121108)	103.44111 (13121108)	107.14796 (13121108)	111.04711 (13121108)
4191165.2	93.49280 (13121108)	97.46517 (13121108)	101.36711 (13121108)	105.37540 (13121108)	109.55542 (13121108)
4191145.2	90.39039 (13121108)	94.70167 (13121108)	98.98711 (13121108)	103.38426 (13121108)	107.72066 (13121108)
4191125.2	86.69237 (13121108)	91.39521 (13121108)	96.10124 (13121108)	100.78813 (13121108)	105.40874 (13121108)
4191105.2	83.51845 (15021108)	87.44820 (13121108)	92.52654 (13121108)	97.52429 (13121108)	102.49332 (13121108)
4191085.2	82.96875 (13030108)	85.23063 (13030108)	88.13406 (13121108)	93.51530 (13121108)	98.88048 (13121108)
4191065.2	82.87643 (13030108)	84.97489 (13030108)	87.19559 (13030108)	89.66841 (13030108)	94.40314 (13121108)
4191045.2	82.62572 (13030108)	84.37563 (13030108)	86.24139 (13030108)	88.61905 (13030108)	91.14917 (13030108)
4191025.2	82.00496 (13030108)	84.05141 (13030108)	86.13412 (13030108)	88.49770 (13030108)	91.01508 (13030108)
4191005.2	81.65465 (13030108)	83.74271 (13030108)	85.95752 (13030108)	88.30939 (13030108)	90.81468 (13030108)

 4190985.2 | 81.44754 (13030108)   83.52144 (13030108)   85.72223 (13030108)   88.06004 (13030108)
90.54940 (13030108)
 4190965.2 | 81.19304 (13030108)   83.25070 (13030108)   85.43425 (13030108)   87.75385 (13030108)
90.22236 (13030108)
 4190945.2 | 80.89879 (13030108)   82.93765 (13030108)   85.10072 (13030108)   87.39834 (13030108)
89.84195 (13030108)
 4190925.2 | 80.57226 (13030108)   82.59031 (13030108)   84.73054 (13030108)   87.29020 (17012607)
90.67313 (17012607)
 4190905.2 | 80.22047 (13030108)   82.50061 (17012607)   85.67821 (17012607)   88.75083 (17012607)
91.74963 (17012607)
 4190885.2 | 81.18353 (17012607)   84.07346 (17012607)   86.87846 (17012607)   89.62937 (17012607)
92.85928 (13122608)
 4190865.2 | 82.48823 (17012607)   85.06087 (17012607)   87.59562 (17012607)   90.55278 (13122608)
93.66976 (13122608)
 4190845.2 | 83.30013 (17012607)   85.64463 (17012607)   88.35580 (13122608)   91.55652 (13110808)
95.55994 (13110808)

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: HAUL2
***
                                INCLUDING SOURCE(S):   L0000573   , L0000574   , L0000575   , L0000576   ,
L0000577   ,
                L0000578   , L0000579   ,

                                 *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                      ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560717.30   560737.30   560757.30   560777.30
560797.30
 -
- - - - - - - -

 4190825.2 | 83.77245 (17012607)   86.26208 (13122608)   89.56840 (13110808)   93.28492 (13110808)
96.82230 (13110808)
 4190805.2 | 84.26596 (13122608)   87.67090 (13110808)   91.12853 (13110808)   94.42512 (13110808)
97.61292 (13110808)
 4190785.2 | 85.85836 (13110808)   89.08141 (13110808)   92.15909 (13110808)   95.13889 (13110808)
98.07423 (13110808)
 4190765.2 | 87.13532 (13110808)   90.01335 (13110808)   92.80284 (13110808)   95.55133 (13110808)
98.30726 (13110808)
 4190745.2 | 87.97853 (13110808)   90.59356 (13110808)   93.17065 (13110808)   95.75263 (13110808)
98.38015 (13110808)
 4190725.2 | 88.50128 (13110808)   90.92099 (13110808)   93.34364 (13110808)   95.80524 (13110808)
98.33839 (13110808)
 4190705.2 | 88.79242 (13110808)   91.06896 (13110808)   93.37908 (13110808)   95.75184 (13110808)
98.21286 (13110808)
 4190685.2 | 88.91842 (13110808)   91.08999 (13110808)   93.31674 (13110808)   95.62164 (13110808)
98.02487 (13110808)
 4190665.2 | 88.92725 (13110808)   91.02090 (13110808)   93.18397 (13110808)   95.43471 (13110808)
97.84068 (14091607)
 4190645.2 | 88.85320 (13110808)   90.88717 (13110808)   92.99954 (13110808)   95.20477 (13110808)
97.64402 (14091607)

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: HAUL2

***
INCLUDING SOURCE(S): L0000573 , L0000574 , L0000575 , L0000576 , L0000577 ,
L0000578 , L0000579 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	560817.30	560837.30	560857.30	560877.30	560897.30
4191625.2	147.75378 (13032907)	151.64683 (13032907)	153.66846 (13032907)	153.39688 (13032907)	150.44732 (13032907)
4191605.2	148.02828 (13032907)	153.55276 (13032907)	157.41620 (13032907)	159.20058 (13032907)	158.58758 (13032907)
4191585.2	147.05994 (13032907)	154.02702 (13032907)	159.67002 (13032907)	163.36115 (13032907)	165.09752 (13032907)
4191565.2	144.89546 (13032907)	153.10246 (13032907)	160.33220 (13032907)	166.18813 (13032907)	170.25801 (13032907)
4191545.2	141.80411 (13032907)	151.04973 (13032907)	159.56060 (13032907)	167.10358 (13032907)	173.24156 (13032907)
4191525.2	138.00151 (13032907)	148.04178 (13032907)	157.58783 (13032907)	166.48617 (13032907)	174.38780 (13032907)
4191505.2	135.99094 (16011807)	144.22951 (13032907)	154.59995 (13032907)	164.50299 (13032907)	173.93735 (13032907)
4191485.2	133.89725 (16011807)	140.79120 (16011807)	150.77385 (13032907)	161.56380 (13032907)	172.06542 (13032907)
4191465.2	132.40207 (15102707)	138.47799 (16011807)	146.26510 (13032907)	157.75632 (13032907)	169.03503 (13032907)
4191445.2	130.82026 (15102707)	136.74863 (15102707)	143.39945 (16011807)	153.17636 (13032907)	165.17733 (13032907)
4191425.2	129.47258 (15020308)	135.09703 (15102707)	141.43594 (15102707)	148.62895 (16011807)	160.61370 (13032907)
4191405.2	128.85086 (15020308)	133.69394 (15020308)	139.64635 (15102707)	146.40313 (15102707)	155.36225 (13032907)
4191385.2	127.73518 (15020308)	132.70408 (15020308)	137.94386 (15020308)	144.49982 (15102707)	151.86260 (15102707)
4191365.2	126.20905 (15020308)	131.30363 (15020308)	136.76705 (15020308)	142.41944 (15020308)	149.70757 (15102707)
4191345.2	124.64375 (15020308)	129.72775 (15020308)	135.29636 (15020308)	141.12108 (15020308)	147.20583 (15020308)
4191325.2	122.72893 (15020308)	127.91984 (15020308)	133.61081 (15020308)	139.56740 (15020308)	145.74644 (15020308)
4191305.2	121.22231 (13121108)	125.89884 (15020308)	131.73367 (15020308)	137.82227 (15020308)	144.07399 (15020308)
4191285.2	120.35246 (13121108)	124.38330 (13121108)	129.60450 (15020308)	135.89068 (15020308)	142.23196 (15020308)
4191265.2	119.40476 (13121108)	123.35298 (13121108)	127.76524 (13121108)	133.50248 (15020308)	140.17703 (15020308)
4191245.2	118.40021 (13121108)	122.27437 (13121108)	126.67638 (13121108)	131.52489 (13121108)	137.93055 (15020308)
4191225.2	117.33656 (13121108)	121.20322 (13121108)	125.65200 (13121108)	130.51045 (13121108)	135.58394 (13121108)
4191205.2	116.25877 (13121108)	120.42016 (13121108)	124.74874 (13121108)	129.34787 (13121108)	134.37768 (13121108)
4191185.2	115.11620 (13121108)	119.36162 (13121108)	123.69897 (13121108)	128.27536 (13121108)	133.26863 (13121108)
4191165.2	113.79063 (13121108)	118.05285 (13121108)	122.49315 (13121108)	127.17219 (13121108)	132.15635 (13121108)
4191145.2	112.09399 (13121108)	116.51498 (13121108)	121.06858 (13121108)	125.81615 (13121108)	130.82718 (13121108)
4191125.2	110.02070 (13121108)	114.67042 (13121108)	119.40447 (13121108)	124.28079 (13121108)	129.36830 (13121108)
4191105.2	107.44342 (13121108)	112.39706 (13121108)	117.39020 (13121108)	122.47261 (13121108)	127.72675 (13121108)

 4191085.2 | 104.22777 (13121108)   109.56397 (13121108)   114.90943 (13121108)   120.29892 (13121108)
125.69191 (13121108)
 4191065.2 | 100.18236 (13121108)   105.86713 (13121108)   111.55181 (13121108)   117.28721 (13121108)
122.84753 (13121108)
 4191045.2 | 94.74831 (13121108)   100.93883 (13121108)   107.13926 (13121108)   113.34743 (13121108)
119.57814 (13121108)
 4191025.2 | 93.70635 (13030108)   96.59175 (13030108)   102.14254 (13121108)   108.83773 (13121108)
115.55848 (13121108)
 4191005.2 | 93.49394 (13030108)   96.36760 (13030108)   99.45751 (13030108)   103.27584 (13121108)
110.51356 (13121108)
 4190985.2 | 93.21072 (13030108)   96.06454 (13030108)   99.13224 (13030108)   102.43844 (13030108)
106.26261 (13122608)
 4190965.2 | 92.85930 (13030108)   95.68550 (13030108)   98.72185 (13030108)   103.31476 (13122608)
108.20759 (13122608)
 4190945.2 | 92.63625 (17012607)   96.25767 (17012607)   100.50399 (13122608)   104.93767 (13122608)
109.32457 (13122608)
 4190925.2 | 93.95905 (17012607)   97.82811 (13122608)   101.86478 (13122608)   106.07550 (13110808)
111.28916 (13110808)
 4190905.2 | 95.28206 (13122608)   98.97263 (13122608)   103.20849 (13110808)   108.00509 (13110808)
112.59378 (13110808)
 4190885.2 | 96.24563 (13122608)   100.50935 (13110808)   104.93664 (13110808)   109.18400 (13110808)
113.34707 (13110808)
 4190865.2 | 97.96415 (13110808)   102.06238 (13110808)   106.00395 (13110808)   109.87459 (13110808)
113.77065 (13110808)
 4190845.2 | 99.36320 (13110808)   103.02894 (13110808)   106.63351 (13110808)   110.26047 (13110808)
114.68537 (14091607)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: HAUL2
***
                                INCLUDING SOURCE(S):   L0000573   , L0000574   , L0000575   , L0000576   ,
L0000577   ,
                L0000578   , L0000579   ,

                                 *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                      ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560817.30   560837.30   560857.30   560877.30
560897.30
 -
- - - - - - - -

 4190825.2 | 100.23788 (13110808)   103.59943 (13110808)   106.97941 (13110808)   110.64687 (14091607)
115.24719 (14091607)
 4190805.2 | 100.75204 (13110808)   103.90550 (13110808)   107.13445 (13110808)   111.19168 (14091607)
115.48944 (14091607)
 4190785.2 | 101.02015 (13110808)   104.02958 (13110808)   107.43357 (14091607)   111.42862 (14091607)
115.49656 (14091607)
 4190765.2 | 101.11680 (13110808)   104.02175 (13110808)   107.66870 (14091607)   111.44042 (14091607)
115.32774 (14091607)
 4190745.2 | 101.08999 (13110808)   104.17551 (14091607)   107.68633 (14091607)   111.28675 (14091607)
115.03002 (14091607)
 4190725.2 | 100.97182 (13110808)   104.20158 (14091607)   107.54551 (14091607)   111.00834 (14091607)
114.63624 (14091607)
 4190705.2 | 100.95900 (14091607)   104.07556 (14091607)   107.28877 (14091607)   110.63922 (14091607)
114.16813 (14091607)
 4190685.2 | 100.84833 (14091607)   103.83866 (14091607)   106.94561 (14091607)   110.20323 (14091607)
113.64364 (14091607)
 4190665.2 | 100.63193 (14091607)   103.52085 (14091607)   106.53901 (14091607)   109.71575 (14091607)
113.07690 (14091607)
 4190645.2 | 100.33846 (14091607)   103.14359 (14091607)   106.08541 (14091607)   109.18810 (14091607)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL2 ***
INCLUDING SOURCE(S): L0000573 , L0000574 , L0000575 , L0000576 , L0000577 ,
L0000578 , L0000579 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	560917.30	560937.30	560957.30	560977.30	560997.30
4191625.2	152.34061 (13121607)	164.14042 (13121607)	182.23355 (16010407)	197.65630 (16010407)	208.17223 (16010407)
4191605.2	155.05440 (13032907)	162.53809 (13121607)	178.42018 (16010407)	196.67568 (16010407)	210.83779 (16010407)
4191585.2	164.10562 (13032907)	159.91774 (13032907)	173.20107 (16010407)	193.94114 (16010407)	211.62128 (16010407)
4191565.2	171.92775 (13032907)	170.52366 (13032907)	170.89822 (13121607)	189.53242 (16010407)	210.32351 (16010407)
4191545.2	177.40823 (13032907)	178.91843 (13032907)	176.82936 (13032907)	183.75027 (16010407)	207.23220 (16010407)
4191525.2	180.79061 (13032907)	185.04912 (13032907)	186.41219 (13032907)	184.10467 (13032907)	202.26318 (16010407)
4191505.2	182.26242 (13032907)	188.98021 (13032907)	193.36095 (13032907)	194.53819 (13032907)	195.42141 (16010407)
4191485.2	181.97616 (13032907)	190.81943 (13032907)	197.77467 (13032907)	202.16598 (13032907)	203.19907 (13032907)
4191465.2	180.12058 (13032907)	190.73073 (13032907)	199.64528 (13032907)	206.76675 (13032907)	211.56381 (13032907)
4191445.2	177.11192 (13032907)	188.87997 (13032907)	200.18797 (13032907)	210.30813 (13032907)	218.38475 (13032907)
4191425.2	173.31881 (13032907)	186.05511 (13032907)	198.75984 (13032907)	210.89583 (13032907)	221.87847 (13032907)
4191405.2	168.63304 (13032907)	182.14078 (13032907)	195.78801 (13032907)	209.39984 (13032907)	222.58889 (13032907)
4191385.2	163.28184 (13032907)	177.34730 (13032907)	191.72992 (13032907)	206.39542 (13032907)	221.18149 (13032907)
4191365.2	157.64108 (15102707)	171.91083 (13032907)	186.85135 (13032907)	202.25857 (13032907)	218.14016 (13032907)
4191345.2	155.34814 (15102707)	165.91831 (13032907)	181.32026 (13032907)	197.27830 (13032907)	213.90066 (13032907)
4191325.2	152.69645 (15102707)	161.47625 (15102707)	175.22470 (13032907)	191.63595 (13032907)	208.79202 (13032907)
4191305.2	150.73483 (15020308)	158.70931 (15102707)	168.59112 (13032907)	185.42196 (13032907)	203.01873 (13032907)
4191285.2	148.94451 (15020308)	156.14458 (15020308)	165.27864 (15102707)	178.65961 (13032907)	196.67073 (13032907)
4191265.2	147.00099 (15020308)	154.23254 (15020308)	162.09208 (15102707)	172.49394 (15102707)	189.76038 (13032907)
4191245.2	144.88311 (15020308)	152.17849 (15020308)	159.99969 (15020308)	169.17703 (15102707)	182.25948 (13032907)
4191225.2	142.54116 (15020308)	149.95193 (15020308)	157.82067 (15020308)	166.31674 (15020308)	176.98772 (15102707)
4191205.2	139.90278 (15020308)	147.54446 (15020308)	155.70432 (15020308)	164.15651 (15020308)	173.26489 (15020308)

 4191185.2 | 138.61100 (13121108)   144.78472 (15020308)   153.11436 (15020308)   161.73222 (15020308)
170.96177 (15020308)
 4191165.2 | 137.42327 (13121108)   143.01757 (13121108)   150.19702 (14120907)   159.02079 (15020308)
168.56010 (15020308)
 4191145.2 | 136.15468 (13121108)   141.87332 (13121108)   148.17181 (13121108)   156.58993 (14120907)
165.55096 (15020308)
 4191125.2 | 134.78822 (13121108)   140.58327 (13121108)   146.83590 (13121108)   153.63522 (14120907)
162.43576 (14120907)
 4191105.2 | 133.25685 (13121108)   138.97990 (13121108)   144.72962 (13121108)   151.05329 (13121108)
159.44595 (14120907)
 4191085.2 | 131.19952 (13121108)   137.01000 (13121108)   143.02886 (13121108)   149.49372 (13121108)
156.84832 (13121108)
 4191065.2 | 128.64812 (13121108)   134.72219 (13121108)   141.38277 (13121108)   148.22186 (13121108)
155.58977 (13121108)
 4191045.2 | 125.86545 (13121108)   132.47525 (13121108)   139.48802 (13121108)   146.47599 (13121108)
153.83269 (13121108)
 4191025.2 | 122.59108 (13121108)   129.77265 (13121108)   136.87223 (13121108)   144.06920 (13121108)
151.60010 (13121108)
 4191005.2 | 118.24005 (13121108)   125.92973 (13121108)   133.43967 (13121108)   141.03723 (13121108)
148.89147 (13121108)
 4190985.2 | 112.61019 (13122608)   120.90475 (13121108)   129.04446 (13121108)   137.16034 (13121108)
145.44459 (13121108)
 4190965.2 | 113.26532 (13122608)   120.08236 (13110808)   129.62142 (13110808)   137.08863 (14091607)
145.90481 (14091607)
 4190945.2 | 114.81240 (13110808)   121.11146 (13110808)   130.19683 (13110808)   138.90581 (14091607)
146.80352 (14091607)
 4190925.2 | 116.26185 (13110808)   121.98100 (13110808)   131.85740 (14091607)   139.80389 (14091607)
147.22729 (14091607)
 4190905.2 | 117.08030 (13110808)   123.48414 (14091607)   132.81184 (14091607)   140.08189 (14091607)
147.01056 (14091607)
 4190885.2 | 118.02057 (14091607)   124.30209 (14091607)   132.69324 (14091607)   139.66387 (14091607)
146.51043 (14091607)
 4190865.2 | 119.05966 (14091607)   124.64567 (14091607)   131.75178 (14091607)   138.79223 (14091607)
145.69575 (14091607)
 4190845.2 | 119.63913 (14091607)   124.66084 (14091607)   130.34486 (14091607)   137.81380 (14091607)
144.75333 (14091607)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: HAUL2
***
                               INCLUDING SOURCE(S):   L0000573   , L0000574   , L0000575   , L0000576   ,
L0000577   ,
                L0000578   , L0000579   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560917.30   560937.30   560957.30   560977.30
560997.30
 -
- - - - - - - -

 4190825.2 | 119.88653 (14091607)   124.66403 (14091607)   129.67845 (14091607)   136.90021 (14091607)
143.76583 (14091607)
 4190805.2 | 119.88932 (14091607)   124.47702 (14091607)   129.33263 (14091607)   136.22600 (14091607)
142.67935 (14091607)
 4190785.2 | 119.71008 (14091607)   124.14354 (14091607)   128.86329 (14091607)   135.44542 (14091607)
141.53062 (14091607)
 4190765.2 | 119.39386 (14091607)   123.69771 (14091607)   128.29734 (14091607)   134.48113 (14091607)
140.33612 (14091607)
 4190745.2 | 118.97297 (14091607)   123.16476 (14091607)   127.65385 (14091607)   133.15562 (14091607)

138.96173 (14091607)
 4190725.2 | 118.47258 (14091607)   122.56241 (14091607)   126.94653 (14091607)   131.83928 (14091607)
137.53695 (14091607)
 4190705.2 | 117.91093 (14091607)   121.90458 (14091607)   126.18717 (14091607)   130.79659 (14091607)
136.21440 (14091607)
 4190685.2 | 117.30047 (14091607)   121.20298 (14091607)   125.38591 (14091607)   129.88499 (14091607)
135.13446 (14091607)
 4190665.2 | 116.65035 (14091607)   120.46529 (14091607)   124.54900 (14091607)   128.93543 (14091607)
134.01647 (14091607)
 4190645.2 | 115.96840 (14091607)   119.69321 (14091607)   123.67603 (14091607)   127.94329 (14091607)
132.76518 (14091607)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: HAUL2
***
                                INCLUDING SOURCE(S):   L0000573   , L0000574   , L0000575   , L0000576   ,
L0000577   ,
                L0000578   , L0000579   ,

                                 *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                      ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 561017.30   561037.30   561057.30   561077.30
561097.30
 -
- - - - - - - -

 4191625.2 | 212.18561 (16010407)   218.82466 (14122308)   221.27047 (14122308)   241.09629 (13040307)
303.90953 (13040307)
 4191605.2 | 219.13611 (16010407)   223.33691 (14122308)   230.13707 (14122308)   230.54781 (13040307)
296.68124 (13040307)
 4191585.2 | 224.44216 (16010407)   229.08163 (16010407)   237.01564 (14122308)   239.24680 (14122308)
287.91755 (13040307)
 4191565.2 | 227.25943 (16010407)   236.75259 (16010407)   242.55625 (14122308)   249.40279 (14122308)
277.19155 (13040307)
 4191545.2 | 227.69849 (16010407)   241.99076 (16010407)   247.60907 (16010407)   258.24221 (14122308)
265.33461 (13040307)
 4191525.2 | 225.69353 (16010407)   244.62548 (16010407)   256.19476 (16010407)   265.35790 (14122308)
272.67183 (14122308)
 4191505.2 | 222.14613 (16010407)   245.46068 (16010407)   262.33964 (16010407)   270.98361 (14122308)
284.44030 (14122308)
 4191485.2 | 216.15440 (16010407)   243.49500 (16010407)   265.89430 (16010407)   280.52286 (16010407)
293.54897 (14122308)
 4191465.2 | 213.09550 (13032907)   238.86989 (16010407)   266.52416 (16010407)   286.48767 (16010407)
299.49402 (14122308)
 4191445.2 | 223.56033 (13032907)   231.84414 (16010407)   263.67091 (16010407)   290.75895 (16010407)
308.72946 (16010407)
 4191425.2 | 230.72798 (13032907)   236.07745 (13032907)   257.97043 (16010407)   290.64449 (16010407)
316.34879 (16010407)
 4191405.2 | 234.63226 (13032907)   244.36466 (13032907)   250.15635 (13032907)   286.97754 (16010407)
319.80200 (16010407)
 4191385.2 | 235.66932 (13032907)   249.02655 (13032907)   259.86836 (13032907)   280.12885 (16010407)
319.14343 (16010407)
 4191365.2 | 234.35351 (13032907)   250.44445 (13032907)   265.44800 (13032907)   277.70414 (13032907)
314.58796 (16010407)
 4191345.2 | 231.25271 (13032907)   249.22553 (13032907)   267.32804 (13032907)   284.42585 (13032907)
306.36363 (16010407)
 4191325.2 | 226.88046 (13032907)   246.04407 (13032907)   266.28217 (13032907)   287.32523 (13032907)
307.44703 (13032907)
 4191305.2 | 221.61469 (13032907)   241.50833 (13032907)   263.05151 (13032907)   286.29507 (13032907)
310.61759 (13032907)

 4191285.2 | 215.67855 (13032907)   235.90200 (13032907)   257.96827 (13032907)   282.62542 (13032907)
309.15008 (13032907)
 4191265.2 | 209.16281 (13032907)   229.65877 (13032907)   251.98855 (13032907)   277.27111 (13032907)
305.14926 (13032907)
 4191245.2 | 202.06833 (13032907)   222.83879 (13032907)   245.31503 (13032907)   270.82762 (13032907)
299.15938 (13032907)
 4191225.2 | 194.35338 (13032907)   215.52574 (13032907)   238.06919 (13032907)   263.64643 (13032907)
291.91686 (13032907)
 4191205.2 | 185.96664 (13032907)   207.74635 (13032907)   230.90584 (13032907)   256.00214 (13032907)
283.86970 (13032907)
 4191185.2 | 181.83555 (15102707)   199.24408 (13032907)   222.79201 (13032907)   247.81612 (13032907)
275.76100 (13032907)
 4191165.2 | 178.65881 (15020308)   191.33036 (15102707)   213.70317 (13032907)   238.88700 (13032907)
267.16627 (13032907)
 4191145.2 | 175.92536 (15020308)   186.96272 (15020308)   204.22372 (13032907)   230.10743 (13032907)
258.16676 (13032907)
 4191125.2 | 173.27811 (14120907)   184.35163 (14120907)   196.80746 (15102707)   219.87709 (13032907)
248.32429 (13032907)
 4191105.2 | 170.26576 (14120907)   181.54742 (14120907)   193.26364 (14120907)   208.45758 (13032907)
237.60467 (13032907)
 4191085.2 | 167.10799 (14120907)   178.44670 (14120907)   190.03752 (14120907)   203.66026 (14120907)
225.65219 (13032907)
 4191065.2 | 163.74267 (13121108)   175.01256 (14120907)   187.04360 (14120907)   199.93191 (14120907)
214.97982 (14120907)
 4191045.2 | 161.78621 (13121108)   170.90777 (14120907)   183.53140 (14120907)   195.86314 (14120907)
210.43681 (14120907)
 4191025.2 | 159.39751 (13121108)   168.16727 (13121108)   179.07839 (14120907)   192.91657 (14120907)
207.30968 (14120907)
 4191005.2 | 156.77490 (13121108)   165.69634 (13121108)   175.39381 (13121108)   188.13884 (14120907)
202.98708 (14120907)
 4190985.2 | 153.99461 (13121108)   163.35254 (14091607)   173.17025 (14091607)   183.53045 (14091607)
197.65154 (14120907)
 4190965.2 | 154.60469 (14091607)   164.22836 (14091607)   174.50199 (14091607)   184.52430 (14091607)
195.22745 (14091607)
 4190945.2 | 155.43638 (14091607)   164.54955 (14091607)   173.89500 (14091607)   183.18415 (14091607)
193.52606 (14091607)
 4190925.2 | 155.87760 (14091607)   164.00605 (14091607)   172.35200 (14091607)   181.13695 (14091607)
191.69708 (14091607)
 4190905.2 | 155.05271 (14091607)   162.55129 (14091607)   170.40462 (14091607)   178.96700 (14091607)
189.65321 (14091607)
 4190885.2 | 153.77845 (14091607)   160.91849 (14091607)   168.44712 (14091607)   176.80381 (14091607)
187.76654 (14091607)
 4190865.2 | 152.33350 (14091607)   159.16277 (14091607)   166.28884 (14091607)   175.17203 (14091607)
185.81137 (14091607)
 4190845.2 | 150.83727 (14091607)   157.62361 (14091607)   165.05783 (14091607)   173.69967 (14091607)
183.51510 (14091607)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: HAUL2
***
                               INCLUDING SOURCE(S):   L0000573   , L0000574   , L0000575   , L0000576   ,
L0000577   ,
                L0000578   , L0000579   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 561017.30   561037.30   561057.30   561077.30
561097.30
 -
- - - - - - - -

 4190825.2 | 149.52957 (14091607)   155.79593 (14091607)   163.06230 (14091607)   171.52877 (14091607)
180.98359 (14091607)
 4190805.2 | 148.43167 (14091607)   154.20436 (14091607)   160.29967 (14091607)   168.44591 (14091607)
177.49544 (14091607)
 4190785.2 | 147.25851 (14091607)   153.07009 (14091607)   159.09283 (14091607)   167.00531 (14091607)
175.76556 (14091607)
 4190765.2 | 145.95497 (14091607)   151.83803 (14091607)   157.77482 (14091607)   165.45381 (14091607)
173.95539 (14091607)
 4190745.2 | 144.63901 (14091607)   150.59882 (14091607)   156.38261 (14091607)   163.85051 (14091607)
172.12483 (14091607)
 4190725.2 | 143.44810 (14091607)   149.42214 (14091607)   155.84833 (14091607)   162.47198 (14091607)
170.24171 (14091607)
 4190705.2 | 142.05357 (14091607)   147.90318 (14091607)   154.34247 (14091607)   160.89195 (14091607)
168.22685 (14091607)
 4190685.2 | 140.70102 (14091607)   146.40162 (14091607)   152.69015 (14091607)   159.15509 (14091607)
166.04442 (14091607)
 4190665.2 | 139.34367 (14091607)   144.88261 (14091607)   150.97721 (14091607)   157.50215 (14091607)
166.77761 (14112008)
 4190645.2 | 138.04780 (14091607)   143.39290 (14091607)   149.21640 (14091607)   156.13598 (15011207)
167.81261 (14112008)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: HAUL2
***
                               INCLUDING SOURCE(S):   L0000573   , L0000574   , L0000575   , L0000576   ,
L0000577   ,
                L0000578   , L0000579   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 561117.30   561137.30   561157.30   561177.30
561197.30
 -
- - - - - - - -

 4191625.2 | 359.85294 (13040307)   398.75110 (13040307)   412.36366 (13040307)   397.32140 (13040307)
405.19089 (17112408)
 4191605.2 | 358.44912 (13040307)   404.85540 (13040307)   426.10267 (13040307)   417.05304 (13040307)
418.50296 (17112408)
 4191585.2 | 355.23297 (13040307)   409.33623 (13040307)   438.88349 (13040307)   436.77492 (13040307)
431.80988 (17112408)
 4191565.2 | 350.11998 (13040307)   411.98658 (13040307)   450.44462 (13040307)   456.26810 (13040307)
445.02444 (17112408)
 4191545.2 | 343.05926 (13040307)   412.61303 (13040307)   460.51142 (13040307)   475.28094 (13040307)
458.04495 (17112408)
 4191525.2 | 334.04092 (13040307)   411.04127 (13040307)   468.79425 (13040307)   493.52046 (13040307)
478.40987 (13040307)
 4191505.2 | 323.09953 (13040307)   407.12534 (13040307)   474.99787 (13040307)   510.65545 (13040307)
504.35186 (13040307)
 4191485.2 | 310.32096 (13040307)   400.75939 (13040307)   478.83150 (13040307)   526.31893 (13040307)
530.26463 (13040307)
 4191465.2 | 314.63550 (14122308)   391.88777 (13040307)   480.01936 (13040307)   540.11086 (13040307)
555.79773 (13040307)
 4191445.2 | 326.35722 (14122308)   380.51825 (13040307)   478.32039 (13040307)   551.61423 (13040307)
580.53947 (13040307)
 4191425.2 | 334.90559 (14122308)   366.89359 (13040307)   473.85777 (13040307)   560.84377 (13040307)
604.54590 (13040307)
 4191405.2 | 342.64349 (16010407)   366.65372 (14122308)   465.59498 (13040307)   566.10821 (13040307)
622.41336 (13040307)

 4191385.2 | 351.03576 (16010407)   378.16139 (14122308)   454.61866 (13040307)   568.62874 (13040307)
645.71138 (13040307)
 4191365.2 | 354.93346 (16010407)   385.51652 (13012409)   440.23847 (13040307)   567.01277 (13040307)
661.93762 (13040307)
 4191345.2 | 353.65690 (16010407)   394.21652 (16010407)   433.36487 (14122308)   561.12021 (13040307)
674.65690 (13040307)
 4191325.2 | 347.81999 (16010407)   398.25145 (16010407)   446.43854 (13012409)   551.08807 (13040307)
501.90507 (13040307)
 4191305.2 | 337.35261 (16010407)   395.88615 (16010407)   456.19930 (13012409)   403.42742 (13040307)
503.23219 (13040307)
 4191285.2 | 336.45204 (13032907)   386.43760 (16010407)   350.00028 (16010407)   389.51757 (13040307)
499.63507 (13040307)
 4191265.2 | 335.20778 (13032907)   392.76950 (16121207)   375.57214 (13012409)   407.59920 (13012409)
493.79436 (13040307)
 4191245.2 | 330.70133 (13032907)   369.64631 (16121207)   385.99822 (13012409)   442.15219 (13012409)
478.28963 (13040307)
 4191225.2 | 324.16753 (13032907)   363.89049 (13032907)   367.44356 (16010407)   432.69112 (13012409)
473.41447 (13012409)
 4191205.2 | 315.78279 (13032907)   355.55239 (13032907)   355.48442 (16010407)   416.00875 (13012409)
336.01088 (13040307)
 4191185.2 | 307.96310 (13032907)   347.20823 (13032907)   354.85100 (13032907)   320.88261 (16010407)
342.63196 (14122308)
 4191165.2 | 299.68516 (13032907)   337.86870 (13032907)   370.15311 (13032907)   325.77657 (16010407)
355.21429 (13012409)
 4191145.2 | 289.60508 (13032907)   324.23136 (13032907)   364.57149 (13032907)   334.25482 (16010407)
388.37119 (13012409)
 4191125.2 | 279.43535 (13032907)   315.04630 (13032907)   355.69170 (13032907)   332.99475 (13032907)
389.20907 (13012409)
 4191105.2 | 269.49128 (13032907)   305.03693 (13032907)   345.31998 (13032907)   345.08664 (13032907)
385.02025 (13012409)
 4191085.2 | 257.76646 (13032907)   293.34251 (13032907)   333.51905 (13032907)   379.32349 (13032907)
380.51619 (13032907)
 4191065.2 | 245.05641 (13032907)   280.72836 (13032907)   320.79976 (13032907)   358.06188 (13032907)
301.99717 (16121207)
 4191045.2 | 231.28692 (13032907)   267.14986 (13032907)   305.64678 (13032907)   348.85598 (13032907)
311.26630 (13032907)
 4191025.2 | 222.55393 (14120907)   252.09147 (13032907)   291.95785 (13032907)   336.27681 (13032907)
322.89642 (13032907)
 4191005.2 | 218.04348 (14120907)   237.53911 (14120907)   276.56077 (13032907)   321.34040 (13032907)
327.54875 (13032907)
 4190985.2 | 213.83679 (14120907)   232.42867 (14120907)   259.64555 (13032907)   304.64992 (13032907)
355.42234 (13032907)
 4190965.2 | 208.90094 (14120907)   227.81600 (14120907)   248.58889 (14120907)   287.35585 (14040707)
340.31223 (14040707)
 4190945.2 | 205.66676 (14091607)   221.66290 (14120907)   242.70229 (14120907)   285.61481 (14040707)
335.71475 (14040707)
 4190925.2 | 203.88935 (14091607)   217.57276 (14091607)   237.56686 (14040707)   283.02356 (14040707)
331.68169 (14040707)
 4190905.2 | 201.61424 (14091607)   214.66714 (14091607)   238.91884 (14040707)   281.89896 (14040707)
327.43795 (14040707)
 4190885.2 | 199.16211 (14091607)   211.83557 (14091607)   239.79155 (14040707)   280.72243 (14040707)
324.58080 (14040707)
 4190865.2 | 196.77227 (14091607)   209.25357 (14091607)   239.81370 (14040707)   278.56918 (14040707)
319.99988 (14040707)
 4190845.2 | 194.50298 (14091607)   206.09670 (14091607)   234.69347 (14040707)   271.04351 (14040707)
310.24199 (14040707)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: HAUL2
***
                               INCLUDING SOURCE(S):   L0000573   , L0000574   , L0000575   , L0000576   ,
L0000577   ,
                L0000578   , L0000579   ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	561117.30	561137.30	561157.30	561177.30	561197.30
4190825.2	191.43220 (14091607)	203.02602 (14112008)	231.08387 (14040707)	264.96225 (14040707)	301.39540 (14040707)
4190805.2	187.58072 (14091607)	203.28119 (14112008)	230.71125 (14040707)	262.93227 (14040707)	297.50616 (14040707)
4190785.2	185.51869 (14091607)	203.63564 (14112008)	229.96044 (14040707)	260.66997 (14040707)	293.73123 (14040707)
4190765.2	183.44174 (14091607)	203.61650 (14112008)	228.87246 (14040707)	258.08459 (14040707)	289.50942 (14040707)
4190745.2	181.92458 (14112008)	203.26767 (14112008)	227.48711 (14040707)	255.26501 (14040707)	285.12323 (14040707)
4190725.2	182.39396 (14112008)	202.63084 (14112008)	225.84175 (14040707)	252.24415 (14040707)	280.58857 (14040707)
4190705.2	182.55324 (14112008)	201.74487 (14112008)	223.97173 (14040707)	249.05687 (14040707)	275.95989 (14040707)
4190685.2	182.43867 (14112008)	200.64342 (14112008)	221.90770 (14040707)	245.72455 (14040707)	271.21198 (14040707)
4190665.2	182.08764 (14112008)	199.36159 (14112008)	219.67811 (14040707)	242.27417 (14040707)	266.39459 (14040707)
4190645.2	181.53336 (14112008)	197.92955 (14112008)	217.31869 (14040707)	238.74119 (14040707)	261.53756 (14040707)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL2 ***

INCLUDING SOURCE(S): L0000573 , L0000574 , L0000575 , L0000576 , L0000577 , L0000578 , L0000579 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	561217.30	561237.30	561257.30	561277.30	561297.30
4191625.2	391.64799 (17112408)	353.15268 (17112408)	349.04282 (15011607)	348.51968 (15011607)	328.64763 (15011607)
4191605.2	408.60752 (17112408)	371.27641 (17112408)	359.91642 (15011607)	359.69711 (15011607)	339.00356 (15011607)
4191585.2	426.14419 (17112408)	390.39298 (17112408)	371.39236 (15011607)	371.50217 (15011607)	349.92409 (15011607)
4191565.2	444.23226 (17112408)	410.54361 (17112408)	383.52018 (15011607)	383.98690 (15011607)	361.45500 (15011607)
4191545.2	462.83410 (17112408)	431.76623 (17112408)	396.35446 (15011607)	397.20888 (15011607)	373.64701 (15011607)
4191525.2	481.89646 (17112408)	454.09191 (17112408)	409.95525 (15011607)	411.23178 (15011607)	386.55637 (15011607)
4191505.2	501.35141 (17112408)	477.54750 (17112408)	424.38834 (15011607)	426.12589 (15011607)	400.24556 (15011607)

 4191485.2 | 520.66952 (17112408)   501.22840 (17112408)   444.39103 (17112408)   441.96858 (15011607)
414.78384 (15011607)
 4191465.2 | 539.07085 (17112408)   523.13029 (17112408)   471.18127 (17112408)   458.96977 (15011607)
430.36341 (15011607)
 4191445.2 | 561.35355 (17112408)   555.17262 (17112408)   500.54023 (17112408)   477.14204 (15011607)
445.97336 (15011607)
 4191425.2 | 591.11977 (13040307)   582.90053 (17112408)   530.45852 (17112408)   493.84114 (15011607)
460.99394 (15011607)
 4191405.2 | 624.14161 (13040307)   611.63188 (17112408)   560.72742 (17112408)   513.00556 (15011607)
479.63371 (15011607)
 4191385.2 | 661.21375 (13040307)   639.00214 (17112408)   599.50874 (17112408)   539.56817 (15011607)
503.62411 (15011607)
 4191365.2 | 695.96559 (13040307)   672.66223 (17112408)   636.48537 (17112408)   562.07169 (15011607)
524.63681 (15011607)
 4191345.2 | 728.59452 (13040307)   702.56408 (13040307)   674.75473 (17112408)   587.13303 (15011607)
547.60669 (15011607)
 4191325.2 | 551.49395 (13040307)   547.14010 (13040307)   538.83568 (17112408)   494.48651 (17112408)
572.11047 (15011607)
 4191305.2 | 568.69921 (13040307)   579.16939 (13040307)   565.35290 (17112408)   525.14442 (17112408)
489.65509 (15011607)
 4191285.2 | 583.16726 (13040307)   611.76417 (13040307)   593.03662 (17112408)   557.44588 (17112408)
510.80060 (15011607)
 4191265.2 | 597.74319 (13040307)   638.13158 (13040307)   625.16940 (17112408)   595.65268 (17112408)
533.75889 (15011607)
 4191245.2 | 601.38416 (13040307)   666.06731 (13040307)   653.86261 (13040307)   629.37175 (17112408)
563.16473 (15011607)
 4191225.2 | 427.59570 (13040307)   489.09675 (13040307)   487.71760 (13040307)   476.14416 (17112408)
435.98430 (14012908)
 4191205.2 | 430.78187 (13040307)   496.57057 (13040307)   515.97111 (13040307)   493.37730 (17112408)
457.70217 (14012908)
 4191185.2 | 429.85002 (13040307)   508.01214 (13040307)   540.08201 (13040307)   516.51517 (17112408)
483.64852 (14012908)
 4191165.2 | 425.60587 (13040307)   520.39303 (13040307)   554.80705 (13040307)   538.63880 (13040307)
517.29126 (14012908)
 4191145.2 | 418.75247 (13040307)   524.21273 (13040307)   572.76098 (13040307)   583.94076 (13040307)
577.40134 (17112408)
 4191125.2 | 440.11009 (13012409)   375.56431 (13040307)   424.58762 (13040307)   442.50579 (13040307)
439.47151 (17112408)
 4191105.2 | 307.95537 (13012409)   373.77012 (13040307)   447.63992 (13040307)   476.33372 (13040307)
466.77327 (17112408)
 4191085.2 | 318.96786 (13012409)   371.03799 (13040307)   455.03674 (13040307)   497.66746 (13040307)
489.87137 (17112408)
 4191065.2 | 326.01747 (13012409)   364.03147 (13040307)   459.75861 (13040307)   517.55234 (13040307)
517.37187 (13040307)
 4191045.2 | 347.59926 (13012409)   371.65676 (13012409)   460.46651 (13040307)   535.32077 (13040307)
552.05973 (13040307)
 4191025.2 | 341.59279 (13012409)   400.91424 (13012409)   312.33169 (13040307)   367.08652 (13040307)
386.02391 (13040307)
 4191005.2 | 355.00436 (13032907)   271.70838 (13012409)   308.88605 (13040307)   374.87771 (13040307)
405.36185 (13040307)
 4190985.2 | 364.48008 (13032907)   277.17533 (13012409)   303.78248 (13040307)   380.21549 (13040307)
422.95604 (13040307)
 4190965.2 | 345.89497 (14040707)   279.11491 (16010407)   314.94834 (13012409)   382.05918 (13040307)
439.11286 (13040307)
 4190945.2 | 329.06003 (14040707)   348.95921 (13012408)   374.71309 (15011308)   381.03447 (13040307)
453.21257 (13040307)
 4190925.2 | 313.74312 (14040707)   328.27032 (13012408)   350.77607 (15011308)   358.74410 (15011308)
369.28826 (16120508)
 4190905.2 | 375.60458 (14040707)   331.01621 (13032907)   314.11718 (15011308)   334.25201 (15011308)
341.79242 (16120508)
 4190885.2 | 366.21741 (14040707)   330.12818 (13032907)   295.08553 (15010808)   313.35250 (15011308)
321.38052 (15012007)
 4190865.2 | 364.70433 (14040707)   362.78216 (14040707)   277.76008 (15010808)   295.55480 (15011308)
305.23139 (15012007)
 4190845.2 | 356.47893 (14040707)   346.73176 (13012408)   388.05064 (13012408)   424.63938 (15011308)
292.66730 (15012007)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL2 ***
INCLUDING SOURCE(S): L0000573 , L0000574 , L0000575 , L0000576 , L0000577 , L0000578 , L0000579 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	561217.30	561237.30	561257.30	561277.30	561297.30
4190825.2	347.26449 (14040707)	332.31751 (13012408)	368.18670 (13012408)	399.03497 (15011308)	412.64681 (15012007)
4190805.2	335.42277 (14040707)	380.68454 (14040707)	350.24281 (13012408)	358.58501 (15011308)	387.45683 (15012007)
4190785.2	330.46601 (14040707)	370.05250 (14040707)	334.10717 (13012408)	337.17126 (15011308)	363.85528 (15012007)
4190765.2	324.35980 (14040707)	366.11295 (14040707)	387.25770 (13012408)	318.19502 (15011308)	342.65112 (15012007)
4190745.2	318.17819 (14040707)	356.76777 (14040707)	369.53438 (13012408)	406.22275 (13012408)	456.54895 (15011308)
4190725.2	311.87770 (14040707)	347.07184 (14040707)	396.00592 (13012408)	385.69829 (15010808)	428.80063 (15011308)
4190705.2	305.44598 (14040707)	338.33810 (14040707)	381.78009 (13012408)	367.12793 (15010808)	387.13651 (15011308)
4190685.2	299.21857 (14040707)	330.62091 (14040707)	369.85491 (13012408)	423.60886 (13012408)	361.40958 (15011308)
4190665.2	292.77914 (14040707)	322.15179 (14040707)	363.40899 (13012408)	409.92867 (13010807)	441.00488 (15011308)
4190645.2	286.34226 (14040707)	313.73940 (14040707)	352.92938 (13012408)	406.95393 (13012408)	413.58177 (15011308)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL2 ***
INCLUDING SOURCE(S): L0000573 , L0000574 , L0000575 , L0000576 , L0000577 , L0000578 , L0000579 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	561317.30	561337.30	561357.30	561377.30	561397.30
4191625.2	294.61843 (15011607)	268.64506 (15010517)	270.98911 (15010517)	263.90761 (15010517)	250.05696 (15010517)
4191605.2	303.43510 (15011607)	276.82813 (15010517)	277.40677 (15010517)	268.66200 (15010517)	253.40762 (15010517)

 4191585.2 | 312.70700 (15011607)   285.13030 (15010517)   283.84414 (15010517)   273.39635 (15010517)
256.73102 (15010517)
 4191565.2 | 322.46979 (15011607)   293.54396 (15010517)   290.29872 (15010517)   278.11436 (15010517)
260.75556 (14112517)
 4191545.2 | 332.76305 (15011607)   302.06213 (15010517)   296.76981 (15010517)   282.82158 (15010517)
268.22005 (14112517)
 4191525.2 | 343.63080 (15011607)   310.67885 (15010517)   303.25889 (15010517)   287.52545 (15010517)
275.29834 (14112517)
 4191505.2 | 355.12212 (15011607)   319.38965 (15010517)   309.76989 (15010517)   292.23531 (15010517)
281.99697 (14112517)
 4191485.2 | 367.25593 (15011607)   328.19193 (15010517)   316.52589 (15010517)   297.10332 (15010517)
288.33926 (14112517)
 4191465.2 | 379.79869 (15011607)   337.08546 (15010517)   323.14380 (15010517)   303.45947 (14112517)
294.36430 (14112517)
 4191445.2 | 393.81492 (15011607)   345.79731 (15010517)   329.83091 (15010517)   311.45699 (14112517)
300.12466 (14112517)
 4191425.2 | 408.27250 (15011607)   356.63667 (14012008)   336.60805 (15010517)   319.12904 (14112517)
305.68283 (14112517)
 4191405.2 | 423.05745 (15011607)   368.82293 (14012008)   342.98505 (15010517)   326.45513 (14112517)
311.10664 (14112517)
 4191385.2 | 440.77859 (15011607)   381.54951 (14012008)   350.43855 (15010517)   332.96728 (14112517)
316.70337 (14112517)
 4191365.2 | 458.47031 (15011607)   394.62694 (14012008)   358.55991 (14012008)   339.43834 (14112517)
322.20354 (14112517)
 4191345.2 | 477.46699 (15011607)   408.73905 (14012008)   368.99897 (14012008)   346.43358 (14112517)
327.76289 (14112517)
 4191325.2 | 497.75378 (15011607)   423.64131 (14012008)   380.00322 (14012008)   353.49266 (14112517)
333.43229 (14112517)
 4191305.2 | 519.32840 (15011607)   439.33623 (14012008)   391.58105 (14012008)   360.67538 (14112517)
339.46768 (14112517)
 4191285.2 | 475.56401 (15011607)   455.69662 (14012008)   403.67839 (14012008)   368.01336 (14112517)
345.84015 (14112517)
 4191265.2 | 497.73223 (15011607)   427.83354 (15011607)   416.17981 (14012008)   375.51137 (14112517)
352.13035 (14112517)
 4191245.2 | 521.04137 (15011607)   446.32385 (15011607)   428.95587 (14012008)   383.16018 (14112517)
358.11028 (14112517)
 4191225.2 | 428.29329 (15011607)   465.91730 (15011607)   442.11274 (14012008)   390.95812 (14112517)
363.53962 (14112517)
 4191205.2 | 436.48865 (15011607)   413.97912 (15011607)   445.81705 (14012008)   398.93474 (14112517)
369.80060 (14112517)
 4191185.2 | 453.57022 (15011607)   439.20822 (15011607)   461.08417 (14012008)   405.66199 (14112517)
377.29756 (14112517)
 4191165.2 | 479.71125 (15011607)   458.51844 (15011607)   422.74658 (14012008)   415.82818 (14112517)
386.54701 (14112517)
 4191145.2 | 515.70483 (15011607)   484.79717 (15011607)   442.16535 (14012008)   426.38228 (14112517)
395.14509 (14112517)
 4191125.2 | 401.23862 (17112408)   395.99623 (15011607)   463.18938 (14012008)   436.55852 (14112517)
402.92069 (14112517)
 4191105.2 | 436.70394 (17112408)   419.95279 (15011607)   378.45315 (15011607)   441.34358 (14012008)
410.37637 (14112517)
 4191085.2 | 469.61412 (17112408)   443.35834 (15011607)   405.81248 (14012008)   386.15492 (14012008)
414.94129 (14112517)
 4191065.2 | 501.91188 (17112408)   474.57521 (15011607)   428.23963 (14012008)   402.90680 (14012008)
422.13820 (14112517)
 4191045.2 | 359.45645 (17112408)   500.01905 (15011607)   454.07315 (14012008)   421.07222 (14012008)
429.28223 (14112517)
 4191025.2 | 378.01288 (17112408)   351.35835 (15011607)   341.97487 (15011607)   440.83108 (14012008)
436.08533 (14112517)
 4191005.2 | 397.46547 (17112408)   370.87815 (14012908)   359.35364 (15011607)   334.76275 (14012008)
431.39559 (14112517)
 4190985.2 | 417.29091 (17112408)   396.56221 (14012908)   378.30786 (15011607)   371.86762 (14012008)
353.79222 (14112517)
 4190965.2 | 444.74424 (13040307)   424.78886 (14012908)   406.76240 (15011607)   390.71342 (14012008)
371.05086 (14112517)
 4190945.2 | 273.93034 (13040307)   393.54150 (13121217)   360.80506 (13121217)   412.00708 (14012008)
387.45028 (14112517)
 4190925.2 | 375.32789 (16111207)   366.92804 (13121217)   351.25223 (13121217)   309.21253 (15010807)
288.53850 (15010807)
 4190905.2 | 352.69690 (16111207)   348.03807 (15010907)   338.12473 (13121217)   306.13928 (13121217)

287.69263 (15010807)
 4190885.2 | 332.86177 (16120508)   330.21520 (15010907)   321.72948 (13121217)   303.68687 (13121217)
403.93994 (15010807)
 4190865.2 | 333.32508 (13040307)   343.94368 (13040307)   331.66607 (14012908)   460.37358 (13121217)
397.95063 (15010807)
 4190845.2 | 341.08910 (13040307)   471.00495 (16111207)   456.04244 (15010907)   434.07336 (13121217)
393.59268 (13121217)

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: HAUL2
***
                                INCLUDING SOURCE(S):   L0000573   , L0000574   , L0000575   , L0000576   ,
L0000577   ,
                L0000578   , L0000579   ,

                                 *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                      ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 561317.30   561337.30   561357.30   561377.30
561397.30
 -
- - - - - - - -

 4190825.2 | 430.64937 (16120508)   442.72351 (16111207)   434.12628 (15010907)   415.53849 (13121217)
377.28658 (13121217)
 4190805.2 | 396.41584 (16120508)   415.03712 (16120508)   410.72801 (15010907)   393.42497 (13121217)
371.28158 (13121217)
 4190785.2 | 375.39090 (15012007)   392.41109 (16120508)   384.32196 (16111207)   373.31080 (15010907)
361.73924 (13121217)
 4190765.2 | 354.68162 (15012007)   370.72451 (16120508)   368.32393 (16111207)   359.82114 (15010907)
510.00212 (13121217)
 4190745.2 | 494.31929 (15012007)   522.27212 (16120508)   522.19435 (16111207)   500.65462 (15010907)
474.14865 (13121217)
 4190725.2 | 453.21263 (15012007)   468.82463 (16120508)   484.28677 (16111207)   478.01811 (15010907)
450.11048 (13121217)
 4190705.2 | 426.26951 (15012007)   432.48515 (16120508)   454.15273 (16120508)   451.14621 (16111207)
431.80073 (15010907)
 4190685.2 | 402.89189 (15012007)   411.10463 (15012007)   428.46112 (16120508)   428.82254 (16111207)
415.53603 (15010907)
 4190665.2 | 379.00077 (15012007)   392.20588 (15012007)   407.64678 (16120508)   406.70541 (16111207)
395.74644 (15010907)
 4190645.2 | 468.98686 (15011308)   526.53246 (15012007)   554.12942 (16120508)   564.50754 (16111207)
549.01526 (15010907)

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: HAUL2
***
                                INCLUDING SOURCE(S):   L0000573   , L0000574   , L0000575   , L0000576   ,
L0000577   ,
                L0000578   , L0000579   ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                      ** CONC OF PM_10   IN MICROGRAMS/M**3   **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
560122.00	4190978.00	48.16073	(13030108)	560142.00	4190978.00	48.79863	(13030108)
560162.00	4190978.00	49.46621	(13030108)	560182.00	4190978.00	50.16905	(13030108)
560202.00	4190978.00	50.92169	(13030108)	560222.00	4190978.00	51.69332	(13030108)
560242.00	4190978.00	52.48619	(13030108)	560262.00	4190978.00	53.27292	(13030108)
560102.00	4190998.00	47.22689	(13030108)	560122.00	4190998.00	47.80877	(13030108)
560142.00	4190998.00	48.48816	(13030108)	560162.00	4190998.00	49.19277	(13030108)
560182.00	4190998.00	49.91506	(13030108)	560202.00	4190998.00	50.65587	(13030108)
560222.00	4190998.00	51.41611	(13030108)	560242.00	4190998.00	52.19674	(13030108)
560262.00	4190998.00	52.99882	(13030108)	560282.00	4190998.00	53.86214	(13030108)
560302.00	4190998.00	54.79284	(13030108)	560322.00	4190998.00	55.67652	(13030108)
560102.00	4191018.00	46.73380	(13030108)	560122.00	4191018.00	47.33255	(13030108)
560142.00	4191018.00	48.03377	(13030108)	560162.00	4191018.00	48.75937	(13030108)
560182.00	4191018.00	49.50322	(13030108)	560202.00	4191018.00	50.26613	(13030108)
560222.00	4191018.00	51.04896	(13030108)	560242.00	4191018.00	51.85264	(13030108)
560262.00	4191018.00	52.67818	(13030108)	560282.00	4191018.00	53.52668	(13030108)
560302.00	4191018.00	54.39933	(13030108)	560322.00	4191018.00	55.29740	(13030108)
560342.00	4191018.00	56.22230	(13030108)	560362.00	4191018.00	57.17556	(13030108)
560382.00	4191018.00	58.15884	(13030108)	560402.00	4191018.00	59.25133	(13030108)
560102.00	4191038.00	45.97178	(13030108)	560122.00	4191038.00	46.65148	(13030108)
560142.00	4191038.00	47.37841	(13030108)	560162.00	4191038.00	48.12549	(13030108)
560182.00	4191038.00	48.89169	(13030108)	560202.00	4191038.00	49.67780	(13030108)
560222.00	4191038.00	50.48467	(13030108)	560242.00	4191038.00	51.31322	(13030108)
560262.00	4191038.00	52.16441	(13030108)	560282.00	4191038.00	53.03932	(13030108)
560302.00	4191038.00	53.93908	(13030108)	560322.00	4191038.00	54.86492	(13030108)
560342.00	4191038.00	55.81819	(13030108)	560362.00	4191038.00	56.80035	(13030108)
560382.00	4191038.00	57.81298	(13030108)	560402.00	4191038.00	58.88283	(13030108)
560422.00	4191038.00	60.02235	(13030108)	560442.00	4191038.00	61.14484	(13030108)
560462.00	4191038.00	62.37161	(13030108)	560082.00	4191058.00	44.85874	(14010708)
560102.00	4191058.00	45.39707	(14010708)	560122.00	4191058.00	45.99197	(14010708)
560142.00	4191058.00	46.66382	(16012008)	560162.00	4191058.00	47.34799	(16012008)
560182.00	4191058.00	48.04493	(16012008)	560202.00	4191058.00	48.84391	(13030108)
560222.00	4191058.00	49.67428	(13030108)	560242.00	4191058.00	50.52754	(13030108)
560262.00	4191058.00	51.40465	(13030108)	560282.00	4191058.00	52.30666	

(13030108)
560302.00 4191058.00 53.23471 (13030108) 560322.00 4191058.00 54.19001
(13030108)
560342.00 4191058.00 55.17387 (13030108) 560362.00 4191058.00 56.18771
(13030108)
560382.00 4191058.00 57.23306 (13030108) 560402.00 4191058.00 58.31160
(13030108)
560422.00 4191058.00 59.42515 (13030108) 560442.00 4191058.00 60.57570
(13030108)
560462.00 4191058.00 61.83198 (13030108) 560082.00 4191078.00 45.19749
(16012008)
560102.00 4191078.00 45.79752 (16012008) 560122.00 4191078.00 46.43834
(16012008)
560142.00 4191078.00 47.09102 (16012008) 560162.00 4191078.00 47.75637
(16012008)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL2
***
INCLUDING SOURCE(S): L0000573 , L0000574 , L0000575 , L0000576 ,
L0000577 ,
L0000578 , L0000579 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M) Y-COORD (M) CONC (YYMMDDHH) X-COORD (M) Y-COORD (M) CONC
(YYMMDDHH)
- -
- - - - - - - -
560182.00 4191078.00 48.43527 (16012008) 560202.00 4191078.00 49.12868
(16012008)
560222.00 4191078.00 49.83762 (16012008) 560242.00 4191078.00 50.56322
(16012008)
560262.00 4191078.00 51.30668 (16012008) 560282.00 4191078.00 52.06930
(16012008)
560302.00 4191078.00 52.85248 (16012008) 560322.00 4191078.00 53.65772
(16012008)
560342.00 4191078.00 54.48657 (16012008) 560362.00 4191078.00 55.46684
(15021007)
560382.00 4191078.00 56.47260 (15021007) 560402.00 4191078.00 57.52736
(17112007)
560422.00 4191078.00 58.69335 (17112007) 560442.00 4191078.00 59.88243
(17112007)
560462.00 4191078.00 61.09735 (17112007) 560482.00 4191078.00 62.34122
(17112007)
560502.00 4191078.00 63.61971 (13030108) 560082.00 4191098.00 45.58161
(16012008)
560102.00 4191098.00 46.16325 (16012008) 560122.00 4191098.00 46.78796
(16012008)
560142.00 4191098.00 47.42529 (16012008) 560162.00 4191098.00 48.07610
(16012008)
560182.00 4191098.00 48.74134 (16012008) 560202.00 4191098.00 49.42201
(16012008)
560222.00 4191098.00 50.11917 (16012008) 560242.00 4191098.00 50.83399
(16012008)
560262.00 4191098.00 51.56771 (16012008) 560282.00 4191098.00 52.32165
(16012008)
560302.00 4191098.00 53.15760 (13111607) 560322.00 4191098.00 54.05380
(15021007)
560342.00 4191098.00 54.98836 (15021007) 560362.00 4191098.00 56.02257
(17112007)

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       560382.00   4191098.00       57.10325  (17112007)              560402.00   4191098.00       58.20449
(17112007)
       560422.00   4191098.00       59.32871  (17112007)              560442.00   4191098.00       60.47863
(17112007)
       560462.00   4191098.00       61.65727  (17112007)              560482.00   4191098.00       62.86798
(17112007)
       560502.00   4191098.00       64.11441  (17112007)              560522.00   4191098.00       65.44167
(17112007)
       560062.00   4191118.00       45.31978  (16012008)              560082.00   4191118.00       45.87838
(16012008)
       560102.00   4191118.00       46.44488  (16012008)              560122.00   4191118.00       47.05718
(16012008)
       560142.00   4191118.00       47.68290  (16012008)              560162.00   4191118.00       48.32294
(16012008)
       560182.00   4191118.00       48.97827  (16012008)              560202.00   4191118.00       49.64992
(16012008)
       560222.00   4191118.00       50.33898  (16012008)              560242.00   4191118.00       51.10577
(13111607)
       560262.00   4191118.00       51.90774  (13111607)              560282.00   4191118.00       52.72586
(13111607)
       560302.00   4191118.00       53.61818  (17112007)              560322.00   4191118.00       54.60625
(17112007)
       560342.00   4191118.00       55.61082  (17112007)              560362.00   4191118.00       56.63381
(17112007)
       560382.00   4191118.00       57.67735  (17112007)              560402.00   4191118.00       58.74383
(17112007)
       560422.00   4191118.00       59.83587  (17112007)              560442.00   4191118.00       60.95639
(17112007)
       560462.00   4191118.00       62.10854  (17112007)              560482.00   4191118.00       63.29579
(17112007)
       560502.00   4191118.00       64.52192  (17112007)              560522.00   4191118.00       65.86768
(17112007)
       560062.00   4191138.00       45.55479  (16012008)              560082.00   4191138.00       46.09910
(16012008)
       560102.00   4191138.00       46.65318  (16012008)              560122.00   4191138.00       47.25611
(16012008)
       560142.00   4191138.00       47.87324  (16012008)              560162.00   4191138.00       48.50571
(13111607)
       560182.00   4191138.00       49.23048  (13111607)              560202.00   4191138.00       49.96766
(13111607)
       560222.00   4191138.00       50.71845  (13111607)              560242.00   4191138.00       51.48412
(13111607)
       560262.00   4191138.00       52.34786  (17112007)              560282.00   4191138.00       53.26932
(17112007)
       560302.00   4191138.00       54.20566  (17112007)              560322.00   4191138.00       55.15858
(17112007)
       560342.00   4191138.00       56.12998  (17112007)              560362.00   4191138.00       57.12195
(17112007)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

PAGE  1196
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

                           *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  HAUL2
***
                               INCLUDING SOURCE(S):     L0000573    , L0000574    , L0000575    , L0000576    ,
L0000577    ,
                L0000578    , L0000579    ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                     ** CONC OF PM_10    IN MICROGRAMS/M**3                          **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)  Y-COORD (M)        CONC
(YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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- - - - - - - -

560382.00	4191138.00	58.13680	(17112007)	560402.00	4191138.00	59.17703 (17112007)
560422.00	4191138.00	60.24540	(17112007)	560442.00	4191138.00	61.34488 (17112007)
560462.00	4191138.00	62.47867	(17112007)	560482.00	4191138.00	63.65022 (17112007)
560502.00	4191138.00	64.87740	(17112007)	560062.00	4191158.00	45.71659 (16012008)
560082.00	4191158.00	46.24817	(16012008)	560102.00	4191158.00	46.83610 (13111607)
560122.00	4191158.00	47.50581	(13111607)	560142.00	4191158.00	48.18604 (13111607)
560162.00	4191158.00	48.87779	(13111607)	560182.00	4191158.00	49.58213 (13111607)
560202.00	4191158.00	50.30023	(13111607)	560222.00	4191158.00	51.14170 (17112007)
560242.00	4191158.00	52.00306	(17112007)	560262.00	4191158.00	52.87789 (17112007)
560282.00	4191158.00	53.76772	(17112007)	560302.00	4191158.00	54.67423 (17112007)
560322.00	4191158.00	55.59927	(17112007)	560342.00	4191158.00	56.54487 (17112007)
560362.00	4191158.00	57.51321	(17112007)	560382.00	4191158.00	58.50667 (17112007)
560402.00	4191158.00	59.52782	(17112007)	560422.00	4191158.00	60.57942 (17112007)
560442.00	4191158.00	61.66442	(17112007)	560462.00	4191158.00	62.78600 (17112007)
560482.00	4191158.00	63.94751	(17112007)	560502.00	4191158.00	65.30456 (17112007)
560062.00	4191178.00	45.95716	(13111607)	560082.00	4191178.00	46.56070 (13111607)
560102.00	4191178.00	47.17853	(13111607)	560122.00	4191178.00	47.82870 (13111607)
560142.00	4191178.00	48.49054	(13111607)	560162.00	4191178.00	49.19633 (17112007)
560182.00	4191178.00	49.99210	(17112007)	560202.00	4191178.00	50.79887 (17112007)
560222.00	4191178.00	51.61789	(17112007)	560242.00	4191178.00	52.45052 (17112007)
560322.00	4191178.00	55.94921	(17112007)	560342.00	4191178.00	56.87518 (17112007)
560362.00	4191178.00	57.82589	(17112007)	560382.00	4191178.00	58.80370 (17112007)
560402.00	4191178.00	59.81118	(17112007)	560422.00	4191178.00	60.85101 (17112007)
560442.00	4191178.00	61.92610	(17112007)	560462.00	4191178.00	63.03953 (17112007)
560482.00	4191178.00	64.19449	(17112007)	560502.00	4191178.00	65.92284 (15021108)
560062.00	4191198.00	46.20493	(13111607)	560082.00	4191198.00	46.81230 (13111607)
560102.00	4191198.00	47.43478	(13111607)	560122.00	4191198.00	48.14458 (17112007)
560142.00	4191198.00	48.89137	(17112007)	560162.00	4191198.00	49.64819 (17112007)
560182.00	4191198.00	50.41614	(17112007)	560202.00	4191198.00	51.19647 (17112007)
560222.00	4191198.00	51.99050	(17112007)	560362.00	4191198.00	58.06933 (17112007)
560382.00	4191198.00	59.03533	(17112007)	560402.00	4191198.00	60.03250 (17112007)
560422.00	4191198.00	61.07519	(16120108)	560442.00	4191198.00	62.15667 (13123007)
560462.00	4191198.00	63.60494	(15021108)	560482.00	4191198.00	65.17298 (15021108)
560042.00	4191218.00	45.83973	(13111607)	560062.00	4191218.00	46.43788 (17112007)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL2 ***
INCLUDING SOURCE(S): L0000573 , L0000574 , L0000575 , L0000576 , L0000577 , L0000578 , L0000579 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
560422.00	4191218.00	61.57312	(15021108)	560442.00	4191218.00	63.03520	(15021108)
560462.00	4191218.00	64.54228	(15021108)	560482.00	4191218.00	66.08723	(15021108)
560082.00	4191238.00	47.47293	(17112007)	560102.00	4191238.00	48.14961	(17112007)
560122.00	4191238.00	48.83644	(17112007)	560142.00	4191238.00	49.53446	(17112007)
560162.00	4191238.00	50.24483	(17112007)	560182.00	4191238.00	50.96874	(17112007)
560202.00	4191238.00	51.70749	(17112007)	560222.00	4191238.00	52.49264	(16120108)
560342.00	4191238.00	57.63367	(16120108)	560362.00	4191238.00	58.56653	(16120108)
560382.00	4191238.00	59.69023	(15021108)	560402.00	4191238.00	61.06462	(15021108)
560422.00	4191238.00	62.44454	(15021108)	560442.00	4191238.00	63.83387	(15021108)
560462.00	4191238.00	65.30456	(15021108)	560182.00	4191258.00	51.24236	(16120108)
560202.00	4191258.00	52.00555	(16120108)	560322.00	4191258.00	56.92405	(16120108)
560342.00	4191258.00	57.97512	(13123007)	560362.00	4191258.00	59.23292	(15021108)
560382.00	4191258.00	60.53135	(15021108)	560402.00	4191258.00	61.83638	(15021108)
560422.00	4191258.00	63.15181	(15021108)	560442.00	4191258.00	64.48813	(15021108)
560462.00	4191258.00	65.93083	(15021108)	560322.00	4191278.00	57.52450	(15021108)
560342.00	4191278.00	58.74903	(15021108)	560362.00	4191278.00	59.97785	(15021108)
560382.00	4191278.00	61.21423	(15021108)	560402.00	4191278.00	62.46184	(15021108)
560422.00	4191278.00	63.72472	(15021108)	560442.00	4191278.00	65.08790	

(15021108)
559982.00 4191298.00 45.04537 (16120108) 560002.00 4191298.00 45.64743
(16120108)
560022.00 4191298.00 46.28218 (16120108) 560042.00 4191298.00 46.92477
(16120108)
560062.00 4191298.00 47.57317 (16120108) 560302.00 4191298.00 57.08281
(15021108)
560322.00 4191298.00 58.24226 (15021108) 560342.00 4191298.00 59.40686
(15021108)
560362.00 4191298.00 60.57977 (15021108) 560382.00 4191298.00 61.76447
(15021108)
560402.00 4191298.00 62.96475 (15021108) 560422.00 4191298.00 64.18464
(15021108)
560442.00 4191298.00 65.56705 (15021108) 559962.00 4191318.00 44.75293
(16120108)
559982.00 4191318.00 45.32229 (16120108) 560002.00 4191318.00 45.92662
(16120108)
560022.00 4191318.00 46.53587 (16120108) 560042.00 4191318.00 47.15091
(16120108)
560062.00 4191318.00 47.77265 (16120108) 560082.00 4191318.00 48.40206
(16120108)
560102.00 4191318.00 49.04013 (16120108) 560122.00 4191318.00 49.68791
(16120108)
560142.00 4191318.00 50.34645 (16120108) 560162.00 4191318.00 51.01684
(16120108)
560302.00 4191318.00 57.71449 (15021108) 560322.00 4191318.00 58.81921
(15021108)
560342.00 4191318.00 59.93271 (15021108) 560362.00 4191318.00 61.05823
(15021108)
560382.00 4191318.00 62.19923 (15021108) 560402.00 4191318.00 63.35935
(15021108)
560422.00 4191318.00 64.55399 (13121108) 559962.00 4191338.00 44.98438
(16120108)
559982.00 4191338.00 45.52294 (16120108) 560002.00 4191338.00 46.09903
(16120108)
560022.00 4191338.00 46.68061 (16120108) 560042.00 4191338.00 47.26849
(16120108)
560062.00 4191338.00 47.86349 (16120108) 560082.00 4191338.00 48.46646
(16120108)
560102.00 4191338.00 49.07827 (16120108) 560122.00 4191338.00 49.69978
(16120108)
560142.00 4191338.00 50.37007 (13123007) 560162.00 4191338.00 51.22767
(13123007)
560182.00 4191338.00 52.08821 (13123007) 560202.00 4191338.00 53.01052
(15021108)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL2 ***
INCLUDING SOURCE(S): L0000573 , L0000574 , L0000575 , L0000576 , L0000577 ,
L0000578 , L0000579 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M) Y-COORD (M) CONC (YYMMDDHH) X-COORD (M) Y-COORD (M) CONC
(YYMMDDHH)
- -
560222.00 4191338.00 54.04837 (15021108) 560242.00 4191338.00 55.08545
(15021108)

560302.00 4191338.00 58.21382 (15021108) 560322.00 4191338.00 59.27078 (15021108)
560342.00 4191338.00 60.33957 (15021108) 560362.00 4191338.00 61.42326 (15021108)
560382.00 4191338.00 62.52504 (15021108) 560402.00 4191338.00 64.43640 (13121108)
560422.00 4191338.00 67.14664 (13121108) 559962.00 4191358.00 45.10082 (16120108)
559982.00 4191358.00 45.60817 (16120108) 560002.00 4191358.00 46.15526 (16120108)
560022.00 4191358.00 46.70789 (16120108) 560042.00 4191358.00 47.26674 (16120108)
560062.00 4191358.00 47.83246 (16120108) 560082.00 4191358.00 48.40573 (16120108)
560102.00 4191358.00 49.17897 (13123007) 560122.00 4191358.00 49.98840 (13123007)
560142.00 4191358.00 50.79940 (13123007) 560162.00 4191358.00 51.67415 (15021108)
560182.00 4191358.00 52.65865 (15021108) 560202.00 4191358.00 53.64107 (15021108)
560222.00 4191358.00 54.62314 (15021108) 560242.00 4191358.00 55.60682 (15021108)
560262.00 4191358.00 56.59424 (15021108) 560282.00 4191358.00 57.58774 (15021108)
560302.00 4191358.00 58.58978 (15021108) 560322.00 4191358.00 59.60292 (15021108)
560342.00 4191358.00 60.62983 (15021108) 560362.00 4191358.00 61.67319 (15021108)
560382.00 4191358.00 64.32343 (13121108) 560402.00 4191358.00 66.92871 (13121108)
559962.00 4191378.00 45.09278 (16120108) 559982.00 4191378.00 45.56651 (16120108)
560002.00 4191378.00 46.08160 (16120108) 560022.00 4191378.00 46.60161 (16120108)
560042.00 4191378.00 47.27386 (13123007) 560062.00 4191378.00 48.03824 (13123007)
560082.00 4191378.00 48.80187 (13123007) 560102.00 4191378.00 49.56575 (13123007)
560122.00 4191378.00 50.40715 (15021108) 560142.00 4191378.00 51.34168 (15021108)
560162.00 4191378.00 52.27290 (15021108) 560182.00 4191378.00 53.20229 (15021108)
560202.00 4191378.00 54.13145 (15021108) 560222.00 4191378.00 55.06219 (15021108)
560242.00 4191378.00 55.99643 (15021108) 560262.00 4191378.00 56.93622 (15021108)
560282.00 4191378.00 57.88541 (15021108) 560302.00 4191378.00 58.85013 (15021108)
560322.00 4191378.00 59.82573 (15021108) 560342.00 4191378.00 61.60953 (13121108)
559982.00 4191398.00 45.49562 (13123007) 560002.00 4191398.00 46.21987 (13123007)
560022.00 4191398.00 46.94155 (13123007) 560042.00 4191398.00 47.66137 (13123007)
560062.00 4191398.00 48.38014 (13123007) 560082.00 4191398.00 49.20216 (15021108)
560102.00 4191398.00 50.08958 (15021108) 560122.00 4191398.00 50.97255 (15021108)
560142.00 4191398.00 51.85228 (15021108) 560162.00 4191398.00 52.73010 (15021108)
560182.00 4191398.00 53.60747 (15021108) 560202.00 4191398.00 54.48597 (15021108)
560222.00 4191398.00 55.36724 (15021108) 560242.00 4191398.00 56.25297 (15021108)
560262.00 4191398.00 57.14487 (15021108) 560282.00 4191398.00 58.08059 (15021108)
559982.00 4191418.00 45.91506 (13123007) 560002.00 4191418.00 46.59434 (13123007)
560022.00 4191418.00 47.25141 (13123007) 560042.00 4191418.00 48.05267

(15021108)
        560062.00   4191418.00   48.89543 (15021108)   560082.00   4191418.00   49.73266
(15021108)
        560102.00   4191418.00   50.56532 (15021108)   560122.00   4191418.00   51.39447
(15021108)
        560142.00   4191418.00   52.22128 (15021108)   560162.00   4191418.00   53.04699
(15021108)
        560182.00   4191418.00   53.87289 (15021108)   560202.00   4191418.00   54.70030
(15021108)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: HAUL2
***
                               INCLUDING SOURCE(S):   L0000573   , L0000574   , L0000575   , L0000576   ,
L0000577   ,
                L0000578   , L0000579   ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

     X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC
(YYMMDDHH)
 -
- - - - - - - -
        560222.00   4191418.00   55.53050 (15021108)   560242.00   4191418.00   56.36472
(15021108)
        560262.00   4191418.00   57.20411 (15021108)   560002.00   4191438.00   47.01915
(15021108)
        560022.00   4191438.00   47.79237 (15021108)   560042.00   4191438.00   48.55424
(15021108)
        560062.00   4191438.00   49.33461 (15021108)   560082.00   4191438.00   50.11739
(15021108)
        560102.00   4191438.00   50.89604 (15021108)   560122.00   4191438.00   51.67150
(15021108)
        560142.00   4191438.00   52.44475 (15021108)   560162.00   4191438.00   53.21675
(15021108)
        560182.00   4191438.00   53.98840 (15021108)   560202.00   4191438.00   54.76056
(15021108)
        560222.00   4191438.00   55.53394 (15021108)   560242.00   4191438.00   56.71786
(13121108)
        560262.00   4191438.00   58.96031 (13121108)   560042.00   4191458.00   48.97117
(15021108)
        560062.00   4191458.00   49.63342 (15021108)   560082.00   4191458.00   50.35272
(15021108)
        560102.00   4191458.00   51.07569 (15021108)   560122.00   4191458.00   51.79483
(15021108)
        560142.00   4191458.00   52.51074 (15021108)   560162.00   4191458.00   53.22389
(15021108)
        560182.00   4191458.00   53.93466 (15021108)   560202.00   4191458.00   54.64321
(15021108)
        560222.00   4191458.00   56.70808 (13121108)   560242.00   4191458.00   58.84821
(13121108)
        560262.00   4191458.00   61.01812 (13121108)   560142.00   4191478.00   52.46851
(15021108)
        560162.00   4191478.00   53.09905 (15021108)   560182.00   4191478.00   54.62984
(13121108)
        560202.00   4191478.00   56.68503 (13121108)   560222.00   4191478.00   58.71025
(13121108)
        560242.00   4191478.00   60.72070 (13121108)   560155.00   4190663.00   45.16518
(14010608)
        560175.00   4190663.00   45.70180 (14010608)   560115.00   4190683.00   44.28777
(14010608)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL2 ***

INCLUDING SOURCE(S): L0000573 , L0000574 , L0000575 , L0000576 , L0000577 , L0000578 , L0000579 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
560175.00	4190803.00	48.84736	(13030108)	560195.00	4190803.00	49.49966	(13030108)
560215.00	4190803.00	50.17150	(13030108)	560235.00	4190803.00	50.86383	(13030108)
560255.00	4190803.00	51.57683	(13030108)	560275.00	4190803.00	52.31059	

(13030108)
        560075.00   4190823.00   46.23918 (13030108)   560095.00   4190823.00   46.80834
(13030108)
        560115.00   4190823.00   47.39286 (13030108)   560135.00   4190823.00   47.99516
(13030108)
        560155.00   4190823.00   48.61432 (13030108)   560175.00   4190823.00   49.24612
(13030108)
        560195.00   4190823.00   49.89689 (13030108)   560215.00   4190823.00   50.57052
(13030108)
        560235.00   4190823.00   51.26460 (13030108)   560255.00   4190823.00   51.98017
(13030108)
        560275.00   4190823.00   52.71834 (13030108)   560295.00   4190823.00   53.48031
(13030108)
        560315.00   4190823.00   54.26096 (13030108)   560115.00   4190843.00   47.69805
(13030108)
        560135.00   4190843.00   48.30171 (13030108)   560155.00   4190843.00   48.92262
(13030108)
        560175.00   4190843.00   49.56040 (13030108)   560195.00   4190843.00   50.21133
(13030108)
        560215.00   4190843.00   50.88330 (13030108)   560235.00   4190843.00   51.57933
(13030108)
        560255.00   4190843.00   52.29683 (13030108)   560275.00   4190843.00   53.03693
(13030108)
        560295.00   4190843.00   53.80087 (13030108)   560315.00   4190843.00   54.58993
(13030108)
        560335.00   4190843.00   55.40553 (13030108)   560195.00   4190863.00   50.46349
(13030108)
        560215.00   4190863.00   51.12977 (13030108)   560235.00   4190863.00   51.82869
(13030108)
        560255.00   4190863.00   52.54906 (13030108)   560275.00   4190863.00   53.29205
(13030108)
        560295.00   4190863.00   54.05891 (13030108)   560315.00   4190863.00   54.85099
(13030108)
        560335.00   4190863.00   55.66971 (13030108)   560075.00   4190883.00   46.93421
(13030108)
        560095.00   4190883.00   47.51475 (13030108)   560115.00   4190883.00   48.11026
(13030108)
        560255.00   4190883.00   52.75135 (13030108)   560275.00   4190883.00   53.49871
(13030108)
        560295.00   4190883.00   54.26998 (13030108)   560315.00   4190883.00   55.06652
(13030108)
        560335.00   4190883.00   55.88981 (13030108)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: HAUL3
***
                               INCLUDING SOURCE(S):   L0000580   , L0000581   , L0000582   , L0000583   ,
L0000584   ,
                L0000585   , L0000586   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 559917.30   559937.30   559957.30   559977.30
559997.30
 -
- - - - - - - -

 4191625.2 | 46.65645 (13030108)   47.31356 (13030108)   47.98621 (13030108)   48.67504 (13030108)
49.40190 (13030108)

 4191605.2 | 46.96317 (13030108)   47.60083 (13030108)   48.25355 (13030108)   48.92201 (13030108)
49.60696 (13030108)
 4191585.2 | 47.13602 (13030108)   47.75633 (13030108)   48.39144 (13030108)   49.04207 (13030108)
49.71977 (13030108)
 4191565.2 | 47.20227 (13030108)   47.80785 (13030108)   48.42814 (13030108)   49.08425 (13030108)
49.76433 (13030108)
 4191545.2 | 47.18304 (13030108)   47.80457 (13030108)   48.42261 (13030108)   49.05705 (13030108)
49.68665 (13030108)
 4191525.2 | 47.10209 (13030108)   47.72348 (13030108)   48.32433 (13030108)   48.93963 (13030108)
49.55822 (13030108)
 4191505.2 | 46.94815 (13030108)   47.56327 (13030108)   48.15774 (13030108)   48.76716 (13030108)
49.39117 (13030108)
 4191485.2 | 46.73143 (13030108)   47.34227 (13030108)   47.93233 (13030108)   48.53687 (13030108)
49.15799 (13030108)
 4191465.2 | 46.44636 (13030108)   47.05435 (13030108)   47.64139 (13030108)   48.24237 (13030108)
48.86001 (13030108)
 4191445.2 | 46.07223 (13030108)   46.65613 (13030108)   47.24614 (13030108)   47.84325 (13030108)
48.45707 (13030108)
 4191425.2 | 45.61125 (13030108)   46.17281 (13030108)   46.72859 (13030108)   47.29729 (13030108)
47.90532 (13030108)
 4191405.2 | 45.03344 (13030108)   45.59041 (13030108)   46.10738 (13030108)   46.62659 (13030108)
47.22744 (13030108)
 4191385.2 | 44.25263 (13030108)   44.85565 (13030108)   45.37616 (13030108)   45.88924 (13030108)
46.48331 (13030108)
 4191365.2 | 43.81558 (15032607)   44.40441 (15032607)   44.90431 (15032607)   45.38791 (15032607)
45.94458 (15032607)
 4191345.2 | 43.41589 (15032607)   43.99435 (15032607)   44.48436 (15032607)   44.95823 (15032607)
45.50478 (15032607)
 4191325.2 | 43.19679 (14010608)   43.76634 (14010608)   44.24630 (14010608)   44.70703 (14010608)
45.23551 (14010608)
 4191305.2 | 43.07598 (14010608)   43.60385 (14010608)   44.10030 (14010608)   44.58552 (14010608)
45.07950 (14010608)
 4191285.2 | 42.89754 (14010608)   43.37029 (14010608)   43.89920 (14010608)   44.43660 (14010608)
44.87937 (14010608)
 4191265.2 | 42.67849 (14010608)   43.13933 (14010608)   43.62262 (14010608)   44.12909 (14010608)
44.60037 (14010608)
 4191245.2 | 42.39715 (14010608)   42.84462 (14010608)   43.30241 (14010608)   43.88982 (13121309)
45.37532 (17012607)
 4191225.2 | 42.08514 (13121309)   42.73419 (13121309)   43.95961 (17012607)   45.56133 (17012607)
47.11904 (17012607)
 4191205.2 | 42.62831 (17012607)   44.17321 (17012607)   45.67757 (17012607)   47.15595 (17012607)
48.65921 (17012607)
 4191185.2 | 44.31939 (17012607)   45.73137 (17012607)   47.13470 (17012607)   48.50837 (17012607)
49.84742 (17012607)
 4191165.2 | 45.72958 (17012607)   47.00913 (17012607)   48.31457 (17012607)   49.59893 (17012607)
50.74398 (17012607)
 4191145.2 | 46.87690 (17012607)   48.02998 (17012607)   49.15699 (17012607)   50.27775 (17012607)
51.38720 (17012607)
 4191125.2 | 47.78620 (17012607)   48.82276 (17012607)   49.81782 (17012607)   50.79369 (17012607)
51.84296 (17012607)
 4191105.2 | 48.48629 (17012607)   49.41885 (17012607)   50.31526 (17012607)   51.19874 (17012607)
52.16255 (17012607)
 4191085.2 | 49.10870 (17012607)   49.86860 (17012607)   50.66198 (17012607)   51.46801 (17012607)
52.36119 (17012607)
 4191065.2 | 49.46524 (17012607)   50.16395 (17012607)   50.88721 (17012607)   51.62968 (17012607)
52.46561 (17012607)
 4191045.2 | 49.62914 (17012607)   50.33149 (17012607)   51.01637 (17012607)   51.70755 (17012607)
52.49772 (17012607)
 4191025.2 | 49.78132 (17012607)   50.43188 (17012607)   51.07052 (17012607)   51.72069 (17012607)
52.47444 (17012607)
 4191005.2 | 49.85600 (17012607)   50.46465 (17012607)   51.06610 (17012607)   51.68335 (17012607)
52.40773 (17012607)
 4190985.2 | 49.86909 (17012607)   50.44366 (17012607)   51.01479 (17012607)   51.60492 (17012607)
52.34452 (13110808)
 4190965.2 | 49.83196 (17012607)   50.37811 (17012607)   50.92350 (17012607)   51.73792 (13110808)
53.15010 (13110808)
 4190945.2 | 49.75135 (17012607)   50.27243 (17012607)   51.24653 (13110808)   52.48682 (13110808)
53.77146 (13110808)
 4190925.2 | 49.62923 (17012607)   50.77993 (13110808)   51.94385 (13110808)   53.06318 (13110808)

54.23537 (13110808)
 4190905.2 | 50.31788 (13110808)   51.42955 (13110808)   52.47916 (13110808)   53.49226 (13110808)
54.56724 (13110808)
 4190885.2 | 50.92318 (13110808)   51.92688 (13110808)   52.87631 (13110808)   53.79780 (13110808)
54.73655 (13110808)
 4190865.2 | 51.38518 (13110808)   52.29437 (13110808)   53.15747 (13110808)   53.98011 (13110808)
54.76824 (13110808)
 4190845.2 | 51.72499 (13110808)   52.55270 (13110808)   53.34230 (13110808)   54.09936 (13110808)
54.82949 (13110808)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: HAUL3
***
                               INCLUDING SOURCE(S):   L0000580   , L0000581   , L0000582   , L0000583   ,
L0000584   ,
                L0000585   , L0000586   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 559917.30   559937.30   559957.30   559977.30
559997.30
 -
- - - - - - - -

 4190825.2 | 51.96178 (13110808)   52.71995 (13110808)   53.44736 (13110808)   54.14921 (13110808)
54.89343 (13110808)
 4190805.2 | 52.11212 (13110808)   52.81110 (13110808)   53.48567 (13110808)   54.18154 (13110808)
54.93425 (13110808)
 4190785.2 | 52.20835 (13110808)   52.94616 (13110808)   53.59512 (13110808)   54.21255 (13110808)
54.76260 (13110808)
 4190765.2 | 52.27582 (13110808)   52.91532 (13110808)   53.50640 (13110808)   54.06679 (13110808)
54.55378 (13110808)
 4190745.2 | 52.29592 (13110808)   52.76080 (13110808)   53.27052 (13110808)   53.80621 (13110808)
54.33020 (13110808)
 4190725.2 | 52.11685 (13110808)   52.60282 (13110808)   53.09088 (13110808)   53.58461 (13110808)
54.06387 (13110808)
 4190705.2 | 51.90582 (13110808)   52.38452 (13110808)   52.84722 (13110808)   53.29269 (13110808)
53.71867 (13110808)
 4190685.2 | 51.68540 (13110808)   52.11624 (13110808)   52.52694 (13110808)   52.91475 (13110808)
53.27581 (13110808)
 4190665.2 | 51.38998 (13110808)   51.76493 (13110808)   52.11350 (13110808)   52.43137 (13110808)
52.71311 (13110808)
 4190645.2 | 51.00513 (13110808)   51.31343 (13110808)   51.58710 (13110808)   51.82033 (13110808)
52.00617 (13110808)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: HAUL3
***
                               INCLUDING SOURCE(S):   L0000580   , L0000581   , L0000582   , L0000583   ,
L0000584   ,
                L0000585   , L0000586   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 560017.30	560037.30	560057.30	560077.30	560097.30
4191625.2	50.13634 (13030108)	50.88962 (13030108)	51.66185 (13030108)	52.44476 (13030108)	53.25008 (13030108)
4191605.2	50.30918 (13030108)	51.04117 (13030108)	51.82410 (13030108)	52.58580 (13030108)	53.36720 (13030108)
4191585.2	50.40415 (13030108)	51.09492 (13030108)	51.81580 (13030108)	52.61378 (13030108)	53.37715 (13030108)
4191565.2	50.43501 (13030108)	51.12522 (13030108)	51.78955 (13030108)	52.56030 (13030108)	53.30815 (13030108)
4191545.2	50.35014 (13030108)	51.03535 (13030108)	51.72979 (13030108)	52.44728 (13030108)	53.18325 (13030108)
4191525.2	50.21536 (13030108)	50.89095 (13030108)	51.57806 (13030108)	52.28533 (13030108)	53.01389 (13030108)
4191505.2	50.03432 (13030108)	50.69775 (13030108)	51.37838 (13030108)	52.07921 (13030108)	52.80134 (13030108)
4191485.2	49.79651 (13030108)	50.45270 (13030108)	51.11334 (13030108)	51.78695 (13030108)	52.50308 (13030108)
4191465.2	49.49415 (13030108)	50.14467 (13030108)	50.67711 (13030108)	51.29842 (13030108)	52.00457 (13030108)
4191445.2	49.05663 (13030108)	49.64103 (13030108)	50.24466 (13030108)	50.91056 (13030108)	51.61395 (13030108)
4191425.2	48.48984 (13030108)	49.08562 (13030108)	49.74527 (13030108)	50.42482 (13030108)	51.12525 (13030108)
4191405.2	47.84564 (13030108)	48.48200 (13030108)	49.13737 (13030108)	49.81266 (13030108)	50.50884 (13030108)
4191385.2	47.09472 (13030108)	47.72427 (13030108)	48.37281 (13030108)	49.04124 (13030108)	49.73053 (13030108)
4191365.2	46.51684 (15032607)	47.10549 (15032607)	47.71139 (15032607)	48.33543 (15032607)	48.97856 (15032607)
4191345.2	46.06683 (15032607)	46.64516 (15032607)	47.24059 (15032607)	47.85399 (15032607)	48.48627 (15032607)
4191325.2	45.77602 (14010608)	46.32946 (14010608)	46.89672 (14010608)	47.47875 (14010608)	48.07652 (14010608)
4191305.2	45.59639 (14010608)	46.13933 (14010608)	46.69636 (14010608)	47.26836 (14010608)	48.29352 (17012607)
4191285.2	45.37313 (14010608)	45.90535 (14010608)	46.64911 (17012607)	48.49336 (17012607)	50.28750 (17012607)
4191265.2	45.11984 (13121309)	46.88352 (17012607)	48.60954 (17012607)	50.28363 (17012607)	51.90105 (17012607)
4191245.2	47.03731 (17012607)	48.65150 (17012607)	50.21312 (17012607)	51.71875 (17012607)	53.16644 (17012607)
4191225.2	48.62800 (17012607)	50.08467 (17012607)	51.48680 (17012607)	52.83350 (17012607)	54.12526 (17012607)
4191205.2	50.04114 (17012607)	51.33589 (17012607)	52.48997 (17012607)	53.66953 (17012607)	54.82340 (17012607)
4191185.2	51.08897 (17012607)	52.24998 (17012607)	53.30393 (17012607)	54.31890 (17012607)	55.30688 (17012607)
4191165.2	51.84309 (17012607)	52.89855 (17012607)	53.91350 (17012607)	54.79547 (17012607)	55.61882 (17012607)
4191145.2	52.39006 (17012607)	53.34102 (17012607)	54.25933 (17012607)	55.05316 (17012607)	55.79746 (17012607)
4191125.2	52.76705 (17012607)	53.63086 (17012607)	54.47004 (17012607)	55.19315 (17012607)	55.87516 (17012607)
4191105.2	53.00815 (17012607)	53.80099 (17012607)	54.57682 (17012607)	55.24435 (17012607)	55.87816 (17012607)
4191085.2	53.14312 (17012607)	53.87933 (17012607)	54.60531 (17012607)	55.22979 (17012607)	55.82669 (17012607)
4191065.2	53.19679 (17012607)	53.88845 (17012607)	54.57562 (17012607)	55.16688 (17012607)	55.75563 (13110808)
4191045.2	53.18883 (17012607)	53.84560 (17012607)	54.50246 (17012607)	55.32811 (13110808)	56.65851 (13110808)
4191025.2	53.13383 (17012607)	53.76292 (17012607)	54.83824 (13110808)	56.22548 (13110808)	

57.48709 (13110808)
 4191005.2 | 53.04137 (17012607)   54.27857 (13110808)   55.66419 (13110808)   56.91099 (13110808)
58.04758 (13110808)
 4190985.2 | 53.72644 (13110808)   55.01618 (13110808)   56.27755 (13110808)   57.41657 (13110808)
58.39255 (13110808)
 4190965.2 | 54.39592 (13110808)   55.55781 (13110808)   56.70147 (13110808)   57.73147 (13110808)
58.71643 (13110808)
 4190945.2 | 54.92793 (13110808)   56.00657 (13110808)   56.99119 (13110808)   57.93149 (13110808)
58.83759 (13110808)
 4190925.2 | 55.32911 (13110808)   56.27059 (13110808)   57.17289 (13110808)   58.04099 (13110808)
58.88220 (13110808)
 4190905.2 | 55.57286 (13110808)   56.43644 (13110808)   57.26981 (13110808)   58.07806 (13110808)
58.86784 (13110808)
 4190885.2 | 55.69517 (13110808)   56.52138 (13110808)   57.29831 (13110808)   58.05782 (13110808)
58.80562 (13110808)
 4190865.2 | 55.70594 (13110808)   56.54131 (13110808)   57.27178 (13110808)   57.99089 (13110808)
58.70330 (13110808)
 4190845.2 | 55.71585 (13110808)   56.50791 (13110808)   57.19916 (13110808)   57.88335 (13110808)
58.56392 (13110808)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                          *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: HAUL3
***
                              INCLUDING SOURCE(S):   L0000580   , L0000581   , L0000582   , L0000583   ,
L0000584   ,
               L0000585   , L0000586   ,

                               *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                    ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560017.30   560037.30   560057.30   560077.30
560097.30
 -
- - - - - - - -

 4190825.2 | 55.68959 (13110808)   56.42701 (13110808)   57.08447 (13110808)   57.73649 (13110808)
58.38558 (13110808)
 4190805.2 | 55.59992 (13110808)   56.24084 (13110808)   56.92623 (13110808)   57.54668 (13110808)
58.16122 (13110808)
 4190785.2 | 55.33586 (13110808)   55.96200 (13110808)   56.71881 (13110808)   57.30506 (13110808)
57.87837 (13110808)
 4190765.2 | 55.08590 (13110808)   55.69679 (13110808)   56.45148 (13110808)   56.99748 (13110808)
57.51904 (13110808)
 4190745.2 | 54.84231 (13110808)   55.40795 (13110808)   56.11290 (13110808)   56.60452 (13110808)
57.06003 (13110808)
 4190725.2 | 54.52692 (13110808)   55.01582 (13110808)   55.59724 (13110808)   56.08313 (13110808)
56.47357 (13110808)
 4190705.2 | 54.12180 (13110808)   54.52020 (13110808)   54.95046 (13110808)   55.40346 (13110808)
55.72872 (13110808)
 4190685.2 | 53.60511 (13110808)   53.89640 (13110808)   54.14217 (13110808)   54.73763 (14091607)
55.38208 (14091607)
 4190665.2 | 52.95207 (13110808)   53.20559 (14091607)   53.74923 (14091607)   54.41135 (14091607)
54.98430 (14091607)
 4190645.2 | 52.42063 (14091607)   52.93051 (14091607)   53.40329 (14091607)   53.98812 (14091607)
54.47919 (14091607)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL3 ***
INCLUDING SOURCE(S): L0000580 , L0000581 , L0000582 , L0000583 , L0000584 ,
L0000585 , L0000586 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	560117.30	560137.30	560157.30	560177.30	560197.30
4191625.2	54.07807 (13030108)	54.92999 (13030108)	55.80717 (13030108)	56.71109 (13030108)	57.64333 (13030108)
4191605.2	54.17241 (13030108)	55.00132 (13030108)	55.85532 (13030108)	56.73590 (13030108)	57.64471 (13030108)
4191585.2	54.16355 (13030108)	54.97361 (13030108)	55.80875 (13030108)	56.67048 (13030108)	57.56045 (13030108)
4191565.2	54.06778 (13030108)	54.85890 (13030108)	55.67838 (13030108)	56.52447 (13030108)	57.40942 (13030108)
4191545.2	53.93454 (13030108)	54.70754 (13030108)	55.50675 (13030108)	56.34080 (13030108)	57.22386 (13030108)
4191525.2	53.76491 (13030108)	54.53272 (13030108)	55.31513 (13030108)	56.14060 (13030108)	57.01288 (13030108)
4191505.2	53.54595 (13030108)	54.31340 (13030108)	55.10450 (13030108)	55.92433 (13030108)	56.71466 (13030108)
4191485.2	53.24158 (13030108)	53.97662 (13030108)	54.69910 (13030108)	55.50862 (13030108)	56.28741 (13030108)
4191465.2	52.73266 (13030108)	53.48387 (13030108)	54.25943 (13030108)	55.06067 (13030108)	55.88900 (13030108)
4191445.2	52.33928 (13030108)	53.08766 (13030108)	53.86031 (13030108)	54.65853 (13030108)	55.48371 (13030108)
4191425.2	51.84761 (13030108)	52.59299 (13030108)	53.36260 (13030108)	54.15770 (13030108)	54.97966 (13030108)
4191405.2	51.22694 (13030108)	51.96806 (13030108)	52.73337 (13030108)	53.52413 (13030108)	54.34168 (13030108)
4191385.2	50.44171 (13030108)	51.17586 (13030108)	51.93414 (13030108)	52.71780 (13030108)	53.52818 (13030108)
4191365.2	49.64179 (15032607)	50.32619 (15032607)	51.03290 (15032607)	51.76313 (15032607)	52.51816 (15032607)
4191345.2	49.13842 (15032607)	49.81147 (15032607)	50.50652 (15032607)	51.95020 (17012607)	54.04356 (17012607)
4191325.2	48.69104 (14010608)	50.05625 (17012607)	52.06075 (17012607)	54.00518 (17012607)	55.88315 (17012607)
4191305.2	50.21517 (17012607)	52.08197 (17012607)	53.88753 (17012607)	55.62736 (17012607)	57.29895 (17012607)
4191285.2	52.02526 (17012607)	53.70195 (17012607)	55.31466 (17012607)	56.86234 (17012607)	58.34585 (17012607)
4191265.2	53.45858 (17012607)	54.95466 (17012607)	56.38942 (17012607)	57.76470 (17012607)	59.08393 (17012607)
4191245.2	54.55575 (17012607)	55.88778 (17012607)	57.16510 (17012607)	58.39165 (17012607)	59.57262 (17012607)
4191225.2	55.36392 (17012607)	56.55261 (17012607)	57.69561 (17012607)	58.79822 (17012607)	59.86654 (17012607)
4191205.2	55.93191 (17012607)	56.99954 (17012607)	58.03159 (17012607)	59.03398 (17012607)	60.01312 (17012607)
4191185.2	56.30646 (17012607)	57.27488 (17012607)	58.21783 (17012607)	59.14134 (17012607)	60.05156 (17012607)
4191165.2	56.52976 (17012607)	57.41899 (17012607)	58.29215 (17012607)	59.15491 (17012607)	60.01290 (17012607)
4191145.2	56.63801 (17012607)	57.46545 (17012607)	58.28500 (17012607)	59.10176 (17012607)	59.98381 (13110808)
4191125.2	56.66096 (17012607)	57.44100 (17012607)	58.21993 (17012607)	59.29727 (13110808)	

61.00404 (13110808)
 4191105.2 | 56.62194 (17012607)   57.36597 (17012607)   58.62109 (13110808)   60.23773 (13110808)
61.75805 (13110808)
 4191085.2 | 56.53836 (17012607)   57.95571 (13110808)   59.48859 (13110808)   60.93087 (13110808)
62.29033 (13110808)
 4191065.2 | 57.30144 (13110808)   58.75641 (13110808)   60.12619 (13110808)   61.41850 (13110808)
62.64269 (13110808)
 4191045.2 | 58.04092 (13110808)   59.34326 (13110808)   60.57314 (13110808)   61.73958 (13110808)
62.85256 (13110808)
 4191025.2 | 58.60864 (13110808)   59.75311 (13110808)   60.86575 (13110808)   61.92878 (13110808)
62.95213 (13110808)
 4191005.2 | 59.01108 (13110808)   60.01976 (13110808)   61.03614 (13110808)   62.01579 (13110808)
62.96802 (13110808)
 4190985.2 | 59.25393 (13110808)   60.17297 (13110808)   61.11165 (13110808)   62.02500 (13110808)
62.92140 (13110808)
 4190965.2 | 59.55316 (13110808)   60.34568 (13110808)   61.11461 (13110808)   61.97566 (13110808)
62.92006 (13110808)
 4190945.2 | 59.71382 (13110808)   60.49786 (13110808)   61.27134 (13110808)   62.09887 (13110808)
62.97181 (13110808)
 4190925.2 | 59.70366 (13110808)   60.51214 (13110808)   61.31387 (13110808)   62.11440 (13110808)
62.91858 (13110808)
 4190905.2 | 59.64536 (13110808)   60.41630 (13110808)   61.18571 (13110808)   61.95786 (13110808)
62.73626 (13110808)
 4190885.2 | 59.54688 (13110808)   60.28551 (13110808)   61.02436 (13110808)   61.77172 (13110808)
62.52169 (13110808)
 4190865.2 | 59.41297 (13110808)   60.11781 (13110808)   60.77285 (13110808)   61.54982 (13110808)
62.25949 (13110808)
 4190845.2 | 59.24352 (13110808)   59.92272 (13110808)   60.59935 (13110808)   61.25525 (13110808)
61.89558 (13110808)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: HAUL3
***
                               INCLUDING SOURCE(S):   L0000580   , L0000581   , L0000582   , L0000583   ,
L0000584   ,
                L0000585   , L0000586   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560117.30   560137.30   560157.30   560177.30
560197.30
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- - - - - - - -

 4190825.2 | 59.03328 (13110808)   59.67546 (13110808)   60.30656 (13110808)   60.86803 (13110808)
61.47261 (13110808)
 4190805.2 | 58.77159 (13110808)   59.35744 (13110808)   59.85713 (13110808)   60.43357 (13110808)
60.99171 (13110808)
 4190785.2 | 58.44212 (13110808)   58.96975 (13110808)   59.40575 (13110808)   59.90714 (13110808)
60.37633 (13110808)
 4190765.2 | 58.02291 (13110808)   58.47603 (13110808)   58.82934 (13110808)   59.23340 (13110808)
59.69141 (14091607)
 4190745.2 | 57.48687 (13110808)   57.84547 (13110808)   58.09343 (13110808)   58.69077 (14091607)
59.30447 (14091607)
 4190725.2 | 56.80281 (13110808)   57.18522 (14091607)   57.71351 (14091607)   58.28263 (14091607)
58.81777 (14091607)
 4190705.2 | 56.28036 (14091607)   56.82806 (14091607)   57.28250 (14091607)   57.76908 (14091607)
58.17449 (14091607)
 4190685.2 | 55.90486 (14091607)   56.37256 (14091607)   56.74087 (14091607)   57.13003 (14091607)
57.36608 (14091607)

 4190665.2 | 55.42637 (14091607)   55.80155 (14091607)   56.06910 (14091607)   56.34393 (14091607)
56.47220 (15011408)
 4190645.2 | 54.82806 (14091607)   55.09620 (14091607)   55.24677 (14091607)   55.64202 (15011408)
56.63321 (15011408)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: HAUL3
***
                                INCLUDING SOURCE(S):   L0000580   , L0000581   , L0000582   , L0000583   ,
L0000584   ,
                L0000585   , L0000586   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560217.30   560237.30   560257.30   560277.30
560297.30
 -
- - - - - - -

 4191625.2 | 58.60565 (13030108)   59.59993 (13030108)   60.62825 (13030108)   61.69290 (13030108)
62.79635 (13030108)
 4191605.2 | 58.58352 (13030108)   59.55426 (13030108)   60.55903 (13030108)   61.60014 (13030108)
62.68008 (13030108)
 4191585.2 | 58.48046 (13030108)   59.43244 (13030108)   60.41850 (13030108)   61.44093 (13030108)
62.50223 (13030108)
 4191565.2 | 58.32340 (13030108)   59.26060 (13030108)   60.23187 (13030108)   61.23947 (13030108)
62.28587 (13030108)
 4191545.2 | 58.12906 (13030108)   59.05462 (13030108)   60.01415 (13030108)   61.00986 (13030108)
62.04416 (13030108)
 4191525.2 | 57.90567 (13030108)   58.82210 (13030108)   59.77229 (13030108)   60.75814 (13030108)
61.78248 (13030108)
 4191505.2 | 57.50170 (13030108)   58.40445 (13030108)   59.40011 (13030108)   60.46238 (13030108)
61.49937 (13030108)
 4191485.2 | 57.08445 (13030108)   57.97605 (13030108)   59.01753 (13030108)   60.10345 (13030108)
61.18567 (13030108)
 4191465.2 | 56.74597 (13030108)   57.63320 (13030108)   58.64750 (13030108)   59.74997 (13030108)
60.82911 (13030108)
 4191445.2 | 56.33732 (13030108)   57.22098 (13030108)   58.16110 (13030108)   59.20722 (13030108)
60.40282 (13030108)
 4191425.2 | 55.82992 (13030108)   56.71007 (13030108)   57.62178 (13030108)   58.61751 (13030108)
59.83744 (13030108)
 4191405.2 | 55.18745 (13030108)   56.06299 (13030108)   56.96996 (13030108)   57.93565 (13030108)
59.07834 (13030108)
 4191385.2 | 54.36669 (13030108)   55.23487 (13030108)   56.19006 (17012607)   58.47868 (17012607)
60.76392 (17012607)
 4191365.2 | 53.99006 (17012607)   56.17837 (17012607)   58.29346 (17012607)   60.32944 (17012607)
62.28382 (17012607)
 4191345.2 | 56.07109 (17012607)   58.02623 (17012607)   59.90467 (17012607)   61.70455 (17012607)
63.42835 (17012607)
 4191325.2 | 57.69045 (17012607)   59.42494 (17012607)   61.08637 (17012607)   62.67722 (17012607)
64.20306 (17012607)
 4191305.2 | 58.90192 (17012607)   60.43786 (17012607)   61.91013 (17012607)   63.32382 (17012607)
64.68602 (17012607)
 4191285.2 | 59.76789 (17012607)   61.13290 (17012607)   62.44645 (17012607)   63.71510 (17012607)
64.94737 (17012607)
 4191265.2 | 60.35202 (17012607)   61.57511 (17012607)   62.76015 (17012607)   63.91460 (17012607)
65.04656 (17012607)
 4191245.2 | 60.71420 (17012607)   61.82340 (17012607)   62.90769 (17012607)   63.97421 (17012607)
65.03050 (17012607)
 4191225.2 | 60.90731 (17012607)   61.92764 (17012607)   62.93469 (17012607)   63.93532 (17012607)

65.09506 (13110808)
 4191205.2 | 60.97564 (17012607)   61.92826 (17012607)   62.87755 (17012607)   64.24255 (13110808)
66.25638 (13110808)
 4191185.2 | 60.95466 (17012607)   61.85664 (17012607)   63.40699 (13110808)   65.30607 (13110808)
67.08966 (13110808)
 4191165.2 | 60.87155 (17012607)   62.58864 (13110808)   64.38176 (13110808)   66.06675 (13110808)
67.65414 (13110808)
 4191145.2 | 61.78765 (13110808)   63.48277 (13110808)   65.07671 (13110808)   66.57985 (13110808)
68.00479 (13110808)
 4191125.2 | 62.60844 (13110808)   64.11818 (13110808)   65.54343 (13110808)   66.89627 (13110808)
68.19005 (13110808)
 4191105.2 | 63.18981 (13110808)   64.54296 (13110808)   65.82902 (13110808)   67.06060 (13110808)
68.25077 (13110808)
 4191085.2 | 63.57661 (13110808)   64.80073 (13110808)   65.97457 (13110808)   67.11033 (13110808)
68.22014 (13110808)
 4191065.2 | 63.80925 (13110808)   64.92937 (13110808)   66.01447 (13110808)   67.07580 (13110808)
68.12409 (13110808)
 4191045.2 | 63.92263 (13110808)   64.96046 (13110808)   65.97651 (13110808)   66.98068 (13110808)
67.98216 (13110808)
 4191025.2 | 63.94577 (13110808)   64.91941 (13110808)   65.88223 (13110808)   66.84268 (13110808)
67.80832 (13110808)
 4191005.2 | 63.90187 (13110808)   64.82581 (13110808)   65.74762 (13110808)   66.67425 (13110808)
67.72484 (13110808)
 4190985.2 | 63.80868 (13110808)   64.72821 (13110808)   65.61927 (13110808)   66.55626 (13110808)
67.67462 (13110808)
 4190965.2 | 63.91398 (13110808)   64.89761 (13110808)   65.79757 (13110808)   66.71220 (13110808)
67.62944 (13110808)
 4190945.2 | 63.90820 (13110808)   64.75820 (13110808)   65.61714 (13110808)   66.49176 (13110808)
67.38412 (13110808)
 4190925.2 | 63.73043 (13110808)   64.55318 (13110808)   65.38918 (13110808)   66.23991 (13110808)
67.10591 (13110808)
 4190905.2 | 63.52257 (13110808)   64.28806 (13110808)   65.07127 (13110808)   65.88587 (13110808)
66.70977 (13110808)
 4190885.2 | 63.26997 (13110808)   63.94908 (13110808)   64.69145 (13110808)   65.46177 (13110808)
66.23275 (13110808)
 4190865.2 | 62.87744 (13110808)   63.59781 (13110808)   64.31708 (13110808)   65.03085 (13110808)
65.73311 (13110808)
 4190845.2 | 62.52616 (13110808)   63.19316 (13110808)   63.84824 (13110808)   64.48439 (13110808)
65.09262 (13110808)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: HAUL3
***
                               INCLUDING SOURCE(S):   L0000580   , L0000581   , L0000582   , L0000583   ,
L0000584   ,
               L0000585   , L0000586   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560217.30   560237.30   560257.30   560277.30
560297.30
 -
- - - - - - - -

 4190825.2 | 62.08594 (13110808)   62.68072 (13110808)   63.24896 (13110808)   63.78072 (13110808)
64.43642 (14091607)
 4190805.2 | 61.52450 (13110808)   62.02311 (13110808)   62.52115 (14091607)   63.25479 (14091607)
63.96888 (14091607)
 4190785.2 | 60.80370 (13110808)   61.42139 (14091607)   62.04110 (14091607)   62.59704 (14091607)
63.21692 (14091607)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: HAUL3
***
                                INCLUDING SOURCE(S):   L0000580   , L0000581   , L0000582   , L0000583   ,
L0000584   ,
                L0000585   , L0000586   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560317.30   560337.30   560357.30   560377.30
560397.30
 -
- - - - - - - -

 4191625.2 | 63.94133 (13030108)   65.13459 (13030108)   66.10332 (13030108)   67.24347 (13030108)
68.56512 (13030108)
 4191605.2 | 63.80160 (13030108)   64.97045 (13030108)   66.07898 (13030108)   67.17027 (13030108)
68.33579 (13030108)
 4191585.2 | 63.60511 (13030108)   64.75253 (13030108)   65.94774 (13030108)   67.11057 (13030108)
68.10381 (13030108)
 4191565.2 | 63.37372 (13030108)   64.50594 (13030108)   65.68568 (13030108)   66.91882 (13030108)
68.18246 (13030108)
 4191545.2 | 63.11964 (13030108)   64.23914 (13030108)   65.40575 (13030108)   66.62282 (13030108)
67.89403 (13030108)
 4191525.2 | 62.84761 (13030108)   63.95627 (13030108)   65.11147 (13030108)   66.31648 (13030108)
67.57486 (13030108)
 4191505.2 | 62.55604 (13030108)   63.65544 (13030108)   64.80072 (13030108)   65.99507 (13030108)
67.24194 (13030108)
 4191485.2 | 62.23720 (13030108)   63.32879 (13030108)   64.46559 (13030108)   65.65067 (13030108)
66.88741 (13030108)
 4191465.2 | 61.87640 (13030108)   62.96159 (13030108)   64.09133 (13030108)   65.26861 (13030108)
66.49670 (13030108)
 4191445.2 | 61.45084 (13030108)   62.53080 (13030108)   63.65474 (13030108)   64.82557 (13030108)
67.21474 (17012607)
 4191425.2 | 60.92000 (13030108)   62.00348 (13030108)   64.19659 (17012607)   66.66216 (17012607)
69.03196 (17012607)
 4191405.2 | 61.41743 (17012607)   63.78324 (17012607)   66.04073 (17012607)   68.20795 (17012607)
70.28466 (17012607)
 4191385.2 | 62.97003 (17012607)   65.09433 (17012607)   67.06389 (17012607)   69.06846 (17012607)
71.03303 (17012607)
 4191365.2 | 64.15738 (17012607)   65.95305 (17012607)   67.67664 (17012607)   69.47729 (17012607)
71.22693 (17012607)
 4191345.2 | 65.08130 (17012607)   66.67016 (17012607)   68.20366 (17012607)   69.69229 (17012607)
71.14785 (17012607)
 4191325.2 | 65.67176 (17012607)   67.09273 (17012607)   68.47610 (17012607)   69.83291 (17012607)

71.17477 (17012607)
 4191305.2 | 66.00673 (17012607)   67.29619 (17012607)   68.56478 (17012607)   69.82308 (17012607)
71.41594 (13110808)
 4191285.2 | 66.15313 (17012607)   67.34260 (17012607)   68.52575 (17012607)   70.32838 (13110808)
72.74886 (13110808)
 4191265.2 | 66.16522 (17012607)   67.28055 (17012607)   69.26889 (13110808)   71.53934 (13110808)
73.66995 (13110808)
 4191245.2 | 66.08507 (17012607)   68.23730 (13110808)   70.37020 (13110808)   72.37292 (13110808)
74.26030 (13110808)
 4191225.2 | 67.23328 (13110808)   69.23990 (13110808)   71.12536 (13110808)   72.90415 (13110808)
74.59386 (13110808)
 4191205.2 | 68.14689 (13110808)   69.92465 (13110808)   71.60375 (13110808)   73.20087 (13110808)
74.73433 (13110808)
 4191185.2 | 68.76835 (13110808)   70.35576 (13110808)   71.86769 (13110808)   73.32127 (13110808)
74.73412 (13110808)
 4191165.2 | 69.15706 (13110808)   70.59047 (13110808)   71.97036 (13110808)   73.31306 (13110808)
74.63454 (13110808)
 4191145.2 | 69.36567 (13110808)   70.67745 (13110808)   71.95526 (13110808)   73.21382 (13110808)
74.46702 (13110808)
 4191125.2 | 69.43875 (13110808)   70.65640 (13110808)   71.85661 (13110808)   73.05211 (13110808)
74.25454 (13110808)
 4191105.2 | 69.41257 (13110808)   70.55853 (13110808)   71.70038 (13110808)   72.84880 (13110808)
74.01327 (13110808)
 4191085.2 | 69.31558 (13110808)   70.40744 (13110808)   71.50553 (13110808)   72.61852 (13110808)
73.75397 (13110808)
 4191065.2 | 69.16927 (13110808)   70.22034 (13110808)   71.28525 (13110808)   72.37088 (13110808)
73.48313 (13110808)
 4191045.2 | 68.98919 (13110808)   70.00904 (13110808)   71.04800 (13110808)   72.11139 (13110808)
73.20368 (13110808)
 4191025.2 | 68.78582 (13110808)   69.78086 (13110808)   70.79825 (13110808)   71.84194 (13110808)
72.96366 (13110808)
 4191005.2 | 68.72013 (13110808)   69.70072 (13110808)   70.70556 (13110808)   71.81778 (13110808)
72.96113 (13110808)
 4190985.2 | 68.67943 (13110808)   69.64857 (13110808)   70.64226 (13110808)   71.81164 (13110808)
72.89176 (13110808)
 4190965.2 | 68.56232 (13110808)   69.51722 (13110808)   70.49512 (13110808)   71.50164 (13110808)
72.53725 (13110808)
 4190945.2 | 68.29545 (13110808)   69.22605 (13110808)   70.17527 (13110808)   71.14130 (13110808)
72.12104 (13110808)
 4190925.2 | 67.98676 (13110808)   68.88091 (13110808)   69.78557 (13110808)   70.69643 (13110808)
71.58886 (13110808)
 4190905.2 | 67.54043 (13110808)   68.37394 (13110808)   69.20474 (13110808)   70.02531 (13110808)
70.82584 (13110808)
 4190885.2 | 66.99941 (13110808)   67.75502 (13110808)   68.49074 (13110808)   69.19532 (13110808)
70.09146 (14091607)
 4190865.2 | 66.41597 (13110808)   67.06939 (13110808)   67.79245 (14091607)   68.67069 (14091607)
69.53630 (14091607)
 4190845.2 | 65.66177 (13110808)   66.48003 (14091607)   67.29418 (14091607)   68.08835 (14091607)
68.85277 (14091607)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: HAUL3
***
                                INCLUDING SOURCE(S):   L0000580   , L0000581   , L0000582   , L0000583   ,
L0000584   ,
                L0000585   , L0000586   ,

                                     *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                          ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560317.30   560337.30   560357.30   560377.30

560397.30
 -
- - - - - - - -

 4190825.2 | 65.15904 (14091607)   65.85423 (14091607)   66.57328 (14091607)   67.25434 (14091607)
67.88370 (14091607)
 4190805.2 | 64.53202 (14091607)   65.02752 (14091607)   65.62428 (14091607)   66.26631 (13010908)
67.72099 (13010908)
 4190785.2 | 63.76648 (14091607)   64.22773 (14091607)   64.95674 (13010908)   66.39342 (13010908)
67.74762 (13010908)
 4190765.2 | 62.86295 (14091607)   63.69189 (13010908)   65.11240 (13010908)   66.44713 (13010908)
67.71291 (13010908)
 4190745.2 | 62.53256 (15011408)   63.87498 (13010908)   65.19224 (13010908)   66.43667 (13010908)
67.62292 (13010908)
 4190725.2 | 62.67849 (13010908)   63.98001 (13010908)   65.20524 (13010908)   66.36798 (13010908)
67.47997 (13010908)
 4190705.2 | 62.80780 (13010908)   64.01571 (13010908)   65.15721 (13010908)   66.24340 (13010908)
67.28239 (13010908)
 4190685.2 | 62.86544 (13010908)   63.98772 (13010908)   65.05048 (13010908)   66.06140 (13010908)
67.02432 (13010908)
 4190665.2 | 62.85691 (13010908)   63.89838 (13010908)   64.88367 (13010908)   65.81642 (13010908)
66.71716 (16110807)
 4190645.2 | 62.78451 (13010908)   63.74643 (13010908)   64.65155 (13010908)   65.49885 (13010908)
66.53864 (16110807)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: HAUL3
***
                                  INCLUDING SOURCE(S):   L0000580   , L0000581   , L0000582   , L0000583   ,
L0000584   ,
                 L0000585   , L0000586   ,

                                   *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                        ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560417.30   560437.30   560457.30   560477.30
560497.30
 -
- - - - - - - -

 4191625.2 | 69.94478 (13030108)   71.38710 (13030108)   72.89725 (13030108)   74.48093 (13030108)
76.14449 (13030108)
 4191605.2 | 69.69243 (13030108)   71.11161 (13030108)   72.59838 (13030108)   74.15834 (13030108)
75.79766 (13030108)
 4191585.2 | 69.44346 (13030108)   70.84543 (13030108)   72.31467 (13030108)   73.85663 (13030108)
75.47734 (13030108)
 4191565.2 | 69.52592 (13030108)   70.93275 (13030108)   72.40797 (13030108)   73.95709 (13030108)
75.58621 (13030108)
 4191545.2 | 69.22340 (13030108)   70.61536 (13030108)   72.07477 (13030108)   73.60699 (13030108)
75.21796 (13030108)
 4191525.2 | 68.89053 (13030108)   70.26778 (13030108)   71.71132 (13030108)   73.22638 (13030108)
74.81871 (13030108)
 4191505.2 | 68.54513 (13030108)   69.90881 (13030108)   71.33758 (13030108)   72.83649 (13030108)
74.99138 (17012607)
 4191485.2 | 68.17948 (13030108)   69.53094 (13030108)   71.15066 (17012607)   74.16677 (17012607)
77.07558 (17012607)
 4191465.2 | 67.77919 (13030108)   70.52382 (17012607)   73.26393 (17012607)   75.89639 (17012607)
78.43829 (17012607)
 4191445.2 | 69.81069 (17012607)   72.30466 (17012607)   74.69964 (17012607)   77.00385 (17012607)
79.23475 (17012607)
 4191425.2 | 71.30675 (17012607)   73.49183 (17012607)   75.59684 (17012607)   77.63530 (17012607)

79.62390 (17012607)
 4191405.2 | 72.28413 (17012607)   74.21376 (17012607)   76.08706 (17012607)   77.91996 (17012607)
79.73008 (17012607)
 4191385.2 | 72.80487 (17012607)   74.59702 (17012607)   76.28358 (17012607)   77.96325 (17012607)
80.28886 (13110808)
 4191365.2 | 72.80889 (17012607)   74.58100 (17012607)   76.28673 (17012607)   78.81754 (13110808)
81.84801 (13110808)
 4191345.2 | 72.58300 (17012607)   74.27502 (17012607)   77.18242 (13110808)   79.99467 (13110808)
82.86916 (13110808)
 4191325.2 | 72.53155 (13110808)   75.72189 (13110808)   78.63975 (13110808)   81.12132 (13110808)
83.46578 (13110808)
 4191305.2 | 74.00033 (13110808)   76.85227 (13110808)   79.45467 (13110808)   81.64827 (13110808)
83.74352 (13110808)
 4191285.2 | 75.01922 (13110808)   77.38282 (13110808)   79.76864 (13110808)   81.89804 (13110808)
83.80129 (13110808)
 4191265.2 | 75.67584 (13110808)   77.63576 (13110808)   79.68949 (13110808)   81.94026 (13110808)
83.69827 (13110808)
 4191245.2 | 76.05084 (13110808)   77.76551 (13110808)   79.54895 (13110808)   81.75807 (13110808)
83.49529 (13110808)
 4191225.2 | 76.21408 (13110808)   77.78537 (13110808)   79.38974 (13110808)   81.32793 (13110808)
83.17872 (13110808)
 4191205.2 | 76.22316 (13110808)   77.68619 (13110808)   79.14141 (13110808)   80.73152 (13110808)
82.72628 (13110808)
 4191185.2 | 76.12357 (13110808)   77.50610 (13110808)   78.89688 (13110808)   80.30952 (13110808)
82.28542 (13110808)
 4191165.2 | 75.94992 (13110808)   77.27305 (13110808)   78.61636 (13110808)   79.99072 (13110808)
81.92921 (13110808)
 4191145.2 | 75.72753 (13110808)   77.00670 (13110808)   78.31448 (13110808)   79.65944 (13110808)
81.23849 (13110808)
 4191125.2 | 75.47425 (13110808)   76.72033 (13110808)   78.00059 (13110808)   79.32177 (13110808)
80.68950 (13110808)
 4191105.2 | 75.20205 (13110808)   76.42228 (13110808)   77.68005 (13110808)   78.98056 (13110808)
80.32828 (13110808)
 4191085.2 | 74.91835 (13110808)   76.11718 (13110808)   77.35514 (13110808)   78.63618 (13110808)
79.96372 (13110808)
 4191065.2 | 74.62697 (13110808)   75.80655 (13110808)   77.02537 (13110808)   78.46035 (13110808)
79.83275 (13110808)
 4191045.2 | 74.32852 (13110808)   75.48892 (13110808)   76.79847 (13110808)   78.35348 (13110808)
79.75123 (13110808)
 4191025.2 | 74.30392 (13110808)   75.50140 (13110808)   76.69310 (13110808)   78.01518 (13110808)
79.46190 (13110808)
 4191005.2 | 74.24090 (13110808)   75.41462 (13110808)   76.58916 (13110808)   77.79508 (13110808)
79.09565 (13110808)
 4190985.2 | 73.98016 (13110808)   75.09608 (13110808)   76.23746 (13110808)   77.40076 (13110808)
78.58056 (13110808)
 4190965.2 | 73.58513 (13110808)   74.65047 (13110808)   75.72816 (13110808)   76.81093 (13110808)
77.88873 (13110808)
 4190945.2 | 73.08109 (13110808)   74.05261 (13110808)   75.02796 (13110808)   76.00064 (14091607)
77.18999 (14091607)
 4190925.2 | 72.35086 (13110808)   73.14367 (13110808)   74.17321 (14091607)   75.26535 (14091607)
76.35378 (14091607)
 4190905.2 | 71.59012 (14091607)   72.57338 (14091607)   73.58125 (14091607)   74.57523 (14091607)
75.55427 (13010908)
 4190885.2 | 71.02964 (14091607)   71.95493 (14091607)   72.85638 (14091607)   73.91616 (13010908)
75.42764 (13010908)
 4190865.2 | 70.38047 (14091607)   71.19119 (14091607)   72.34659 (13010908)   73.82227 (13010908)
75.25627 (13010908)
 4190845.2 | 69.57450 (14091607)   70.84027 (13010908)   72.25633 (13010908)   73.48724 (13010908)
74.80531 (13010908)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: HAUL3
***

INCLUDING SOURCE(S): L0000580 , L0000581 , L0000582 , L0000583 , L0000584 ,
L0000585 , L0000586 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	560417.30	560437.30	560457.30	560477.30	560497.30
4190825.2	69.28711 (13010908)	70.69698 (13010908)	72.02076 (13010908)	73.19244 (13010908)	74.43937 (13010908)
4190805.2	69.09694 (13010908)	70.41302 (13010908)	71.68622 (13010908)	72.93051 (13010908)	74.15600 (13010908)
4190785.2	69.03718 (13010908)	70.27834 (13010908)	71.48460 (13010908)	72.66570 (13010908)	73.82646 (13010908)
4190765.2	68.92520 (13010908)	70.09693 (13010908)	71.23746 (13010908)	72.35152 (13010908)	73.52251 (16110807)
4190745.2	68.76333 (13010908)	69.86686 (13010908)	70.93804 (13010908)	72.05371 (16110807)	73.24123 (16110807)
4190725.2	68.54975 (13010908)	69.58164 (13010908)	70.64302 (16110807)	71.79339 (16110807)	72.90538 (16110807)
4190705.2	68.27829 (13010908)	69.28591 (16110807)	70.40334 (16110807)	71.47655 (16110807)	72.50096 (16110807)
4190685.2	67.97849 (16110807)	69.06671 (16110807)	70.10511 (16110807)	71.08992 (16110807)	72.40506 (14112407)
4190665.2	67.77966 (16110807)	68.78705 (16110807)	69.73618 (16110807)	70.75979 (14112407)	72.39715 (14112407)
4190645.2	67.51852 (16110807)	68.43571 (16110807)	69.28009 (16110807)	70.80038 (14112407)	72.32263 (14112407)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL3 ***
INCLUDING SOURCE(S): L0000580 , L0000581 , L0000582 , L0000583 , L0000584 ,
L0000585 , L0000586 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	560517.30	560537.30	560557.30	560577.30	560597.30
4191625.2	77.89498 (13030108)	79.74023 (13030108)	81.68904 (13030108)	83.75114 (13030108)	85.93678 (13030108)
4191605.2	77.57509 (13030108)	79.65049 (13030108)	81.68903 (13030108)	83.75260 (13030108)	85.94139 (13030108)
4191585.2	77.28143 (13030108)	79.57783 (13030108)	81.51204 (13030108)	83.56660 (13030108)	85.74630 (13030108)
4191565.2	77.33255 (13030108)	79.11858 (13030108)	81.00405 (13030108)	83.02740 (13030108)	85.20823 (17012607)
4191545.2	76.91054 (13030108)	78.67459 (13030108)	80.55340 (13030108)	83.95842 (17012607)	87.61555 (17012607)
4191525.2	76.49470 (13030108)	79.25833 (17012607)	82.67643 (17012607)	85.96810 (17012607)	

89.14568 (17012607)
 4191505.2 | 78.19604 (17012607)   81.27910 (17012607)   84.24743 (17012607)   87.11607 (17012607)
89.90740 (17012607)
 4191485.2 | 79.86862 (17012607)   82.55617 (17012607)   85.15405 (17012607)   87.68223 (17012607)
90.18342 (17012607)
 4191465.2 | 80.64303 (17012607)   82.99584 (17012607)   85.56786 (17012607)   87.84605 (17012607)
91.23444 (13110808)
 4191445.2 | 81.40679 (17012607)   83.53324 (17012607)   85.63974 (17012607)   89.17707 (13110808)
93.04838 (13110808)
 4191425.2 | 81.58173 (17012607)   83.54047 (17012607)   87.22701 (13110808)   90.80154 (13110808)
94.17266 (13110808)
 4191405.2 | 81.82753 (13110808)   85.20104 (13110808)   88.37407 (13110808)   91.47272 (13110808)
94.41874 (13110808)
 4191385.2 | 83.55127 (13110808)   86.62552 (13110808)   89.47217 (13110808)   91.97556 (13110808)
94.61262 (13110808)
 4191365.2 | 84.69047 (13110808)   87.38171 (13110808)   89.95843 (13110808)   92.38110 (13110808)
94.80375 (13110808)
 4191345.2 | 85.36755 (13110808)   87.76085 (13110808)   90.07184 (13110808)   92.33728 (13110808)
94.59269 (13110808)
 4191325.2 | 85.69704 (13110808)   87.85984 (13110808)   89.98066 (13110808)   92.09178 (13110808)
94.22409 (13110808)
 4191305.2 | 85.77379 (13110808)   87.76395 (13110808)   89.74469 (13110808)   91.74408 (13110808)
93.78769 (13110808)
 4191285.2 | 85.67380 (13110808)   87.53758 (13110808)   89.41637 (13110808)   91.33505 (13110808)
93.31397 (13110808)
 4191265.2 | 85.45600 (13110808)   87.22670 (13110808)   89.03251 (13110808)   90.89201 (13110808)
92.82247 (13110808)
 4191245.2 | 85.16184 (13110808)   86.86557 (13110808)   88.61746 (13110808)   90.43274 (13110808)
92.39674 (14091607)
 4191225.2 | 84.82091 (13110808)   86.47653 (13110808)   88.18736 (13110808)   89.96812 (13110808)
91.96808 (14091607)
 4191205.2 | 84.45454 (13110808)   86.07241 (13110808)   87.75253 (13110808)   89.50429 (13110808)
91.49543 (14091607)
 4191185.2 | 84.07510 (13110808)   85.66402 (13110808)   87.31804 (13110808)   89.04505 (13110808)
90.99637 (14091607)
 4191165.2 | 83.69361 (13110808)   85.25654 (13110808)   86.88703 (13110808)   88.59153 (13110808)
90.48297 (14091607)
 4191145.2 | 82.98208 (13110808)   84.85276 (13110808)   86.46099 (13110808)   88.14259 (13110808)
89.96304 (14091607)
 4191125.2 | 82.24251 (13110808)   84.35284 (13110808)   86.03797 (13110808)   87.66845 (13110808)
89.41521 (14091607)
 4191105.2 | 81.79399 (13110808)   83.69155 (13110808)   85.61272 (13110808)   87.16019 (13110808)
88.86367 (13110808)
 4191085.2 | 81.34051 (13110808)   82.90789 (13110808)   84.84752 (13110808)   86.75454 (13110808)
88.41418 (13110808)
 4191065.2 | 81.19811 (13110808)   82.61203 (13110808)   84.26824 (13110808)   85.97793 (13110808)
87.74174 (13110808)
 4191045.2 | 81.10325 (13110808)   82.49973 (13110808)   83.93882 (13110808)   85.53174 (13110808)
87.29303 (14091607)
 4191025.2 | 80.88884 (13110808)   82.25301 (13110808)   83.64917 (13110808)   85.07097 (13110808)
86.61346 (14091607)
 4191005.2 | 80.40404 (13110808)   81.65271 (13110808)   82.93955 (14091607)   84.43364 (14091607)
85.64569 (14091607)
 4190985.2 | 79.75412 (13110808)   80.81622 (14091607)   82.12356 (14091607)   83.48363 (14091607)
84.49344 (14091607)
 4190965.2 | 79.04916 (14091607)   80.19828 (14091607)   81.41205 (14091607)   82.65373 (14091607)
83.96021 (13010908)
 4190945.2 | 78.37370 (14091607)   79.42071 (14091607)   80.70642 (13010908)   82.30382 (13010908)
83.60813 (13010908)
 4190925.2 | 77.42663 (14091607)   78.86284 (13010908)   80.44093 (13010908)   81.98158 (13010908)
83.23721 (13010908)
 4190905.2 | 77.10616 (13010908)   78.63030 (13010908)   80.14771 (13010908)   81.63565 (13010908)
82.84477 (13010908)
 4190885.2 | 76.90457 (13010908)   78.36677 (13010908)   79.82905 (13010908)   81.26504 (13010908)
82.42156 (13010908)
 4190865.2 | 76.66792 (13010908)   78.07287 (13010908)   79.48232 (13010908)   80.82182 (13010908)
82.02799 (16110807)
 4190845.2 | 76.14414 (13010908)   77.47847 (13010908)   78.81388 (13010908)   80.22855 (16110807)
81.90693 (14112407)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL3 ***

INCLUDING SOURCE(S): L0000580 , L0000581 , L0000582 , L0000583 , L0000584 , L0000585 , L0000586 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	560517.30	560537.30	560557.30	560577.30	560597.30
4190825.2	75.71362 (13010908)	76.98062 (13010908)	78.32561 (16110807)	79.76096 (14112407)	81.76755 (14112407)
4190805.2	75.36778 (13010908)	76.65322 (16110807)	77.97976 (16110807)	79.73183 (14112407)	81.62302 (14112407)
4190785.2	75.05358 (16110807)	76.32891 (16110807)	77.76414 (14112407)	79.64157 (14112407)	81.42807 (14112407)
4190765.2	74.75131 (16110807)	75.95429 (16110807)	77.73003 (14112407)	79.49681 (14112407)	81.18426 (14112407)
4190745.2	74.39659 (16110807)	75.88084 (14112407)	77.63648 (14112407)	79.29979 (14112407)	80.88936 (14112407)
4190725.2	74.08718 (14112407)	75.83789 (14112407)	77.48549 (14112407)	79.04851 (14112407)	80.53631 (14112407)
4190705.2	74.09612 (14112407)	75.73429 (14112407)	77.27744 (14112407)	78.73673 (14112407)	80.11247 (14112407)
4190685.2	74.04023 (14112407)	75.57059 (14112407)	77.00809 (14112407)	78.35540 (14112407)	79.60208 (14112407)
4190665.2	73.92074 (14112407)	75.34335 (14112407)	76.66926 (14112407)	77.89061 (14112407)	79.24118 (15011207)
4190645.2	73.73591 (14112407)	75.04593 (14112407)	76.24810 (14112407)	77.32444 (14112407)	79.25011 (15011207)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL3 ***

INCLUDING SOURCE(S): L0000580 , L0000581 , L0000582 , L0000583 , L0000584 , L0000585 , L0000586 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	560617.30	560637.30	560657.30	560677.30	560697.30
4191625.2	88.25624 (13030108)	90.72370 (13030108)	93.35819 (13030108)	96.17990 (13030108)	

99.41075 (13030108)
 4191605.2 | 88.32179 (13030108)   90.91279 (13030108)   93.56763 (13030108)   97.24686 (17012607)
102.24690 (17012607)
 4191585.2 | 88.02169 (13030108)   90.85462 (17012607)   95.26522 (17012607)   99.53587 (17012607)
103.61716 (17012607)
 4191565.2 | 89.16783 (17012607)   92.91839 (17012607)   96.70541 (17012607)   100.39420 (17012607)
104.43462 (13122608)
 4191545.2 | 91.08109 (17012607)   94.41058 (17012607)   97.73828 (17012607)   101.44278 (13122608)
106.34079 (13110808)
 4191525.2 | 92.23072 (17012607)   95.25281 (17012607)   98.60102 (13122608)   103.51637 (13110808)
108.28229 (13110808)
 4191505.2 | 92.64993 (17012607)   95.72577 (13122608)   100.65004 (13110808)   105.38647 (13110808)
109.34880 (13110808)
 4191485.2 | 93.39109 (13110808)   97.96872 (13110808)   102.28513 (13110808)   106.40181 (13110808)
110.15425 (13110808)
 4191465.2 | 95.43865 (13110808)   99.40214 (13110808)   103.16582 (13110808)   106.78566 (13110808)
110.34393 (13110808)
 4191445.2 | 96.69826 (13110808)   100.16602 (13110808)   103.50322 (13110808)   106.78782 (13110808)
109.86403 (13110808)
 4191425.2 | 97.37779 (13110808)   100.46431 (13110808)   103.48549 (13110808)   106.32937 (13110808)
109.22716 (14091607)
 4191405.2 | 97.25528 (13110808)   100.02997 (13110808)   102.79156 (13110808)   105.58717 (13110808)
109.22694 (14091607)
 4191385.2 | 97.19320 (13110808)   99.76087 (13110808)   102.35756 (13110808)   105.37659 (14091607)
108.94807 (14091607)
 4191365.2 | 97.08081 (13110808)   99.35155 (13110808)   101.89754 (14091607)   105.29819 (14091607)
108.78589 (14091607)
 4191345.2 | 96.88641 (13110808)   98.85849 (13110808)   101.70024 (14091607)   105.08453 (14091607)
108.17496 (14091607)
 4191325.2 | 96.41977 (13110808)   98.50651 (14091607)   101.33163 (14091607)   104.54092 (14091607)
107.49266 (14091607)
 4191305.2 | 95.91140 (13110808)   98.42565 (14091607)   101.11022 (14091607)   103.92163 (14091607)
106.76226 (14091607)
 4191285.2 | 95.51523 (14091607)   98.03039 (14091607)   100.59549 (14091607)   103.24401 (14091607)
106.00664 (14091607)
 4191265.2 | 95.11628 (14091607)   97.51517 (14091607)   99.98382 (14091607)   102.55033 (14091607)
105.24055 (14091607)
 4191245.2 | 94.64647 (14091607)   96.95445 (14091607)   99.34627 (14091607)   101.84531 (14091607)
104.47316 (14091607)
 4191225.2 | 94.13193 (14091607)   96.36766 (14091607)   98.69658 (14091607)   101.13822 (14091607)
103.71061 (14091607)
 4191205.2 | 93.59114 (14091607)   95.76798 (14091607)   98.04367 (14091607)   100.43452 (14091607)
102.95597 (14091607)
 4191185.2 | 93.03672 (14091607)   95.16396 (14091607)   97.39285 (14091607)   99.73711 (14091607)
102.20998 (14091607)
 4191165.2 | 92.47687 (14091607)   94.56070 (14091607)   96.74680 (14091607)   99.04684 (14091607)
101.47219 (14091607)
 4191145.2 | 91.91641 (14091607)   93.96063 (14091607)   96.10607 (14091607)   98.36264 (14091607)
100.73492 (14091607)
 4191125.2 | 91.29606 (14091607)   93.23413 (14091607)   95.38774 (14091607)   97.62810 (14091607)
99.96867 (14091607)
 4191105.2 | 90.52947 (14091607)   92.19234 (14091607)   94.44414 (14091607)   96.77023 (14091607)
99.15018 (14091607)
 4191085.2 | 90.22871 (14091607)   92.15715 (14091607)   94.14799 (14091607)   96.26632 (14091607)
98.47674 (14091607)
 4191065.2 | 89.57221 (14091607)   91.47976 (14091607)   93.48268 (14091607)   95.52661 (14091607)
97.63262 (14091607)
 4191045.2 | 89.04883 (14091607)   90.85954 (14091607)   92.73044 (14091607)   94.65537 (14091607)
96.59712 (14091607)
 4191025.2 | 88.07939 (14091607)   89.52425 (14091607)   91.22846 (14091607)   92.94728 (14091607)
95.26522 (14112407)
 4191005.2 | 86.88008 (14091607)   88.19404 (14091607)   90.00181 (13010908)   91.99626 (14112407)
94.69338 (14112407)
 4190985.2 | 85.92666 (13010908)   87.70689 (13010908)   89.53402 (13010908)   91.86975 (14112407)
94.41436 (14112407)
 4190965.2 | 85.54280 (13010908)   87.27437 (13010908)   89.17318 (14112407)   91.67360 (14112407)
94.08872 (14112407)
 4190945.2 | 85.14228 (13010908)   86.82670 (13010908)   89.06001 (14112407)   91.42227 (14112407)
93.72631 (14112407)

 4190925.2 | 84.72334 (13010908)   86.55870 (14112407)   88.88328 (14112407)   91.12694 (14112407)
93.33426 (14112407)
 4190905.2 | 84.27853 (13010908)   86.45581 (14112407)   88.65465 (14112407)   90.79555 (14112407)
92.91609 (14112407)
 4190885.2 | 84.12719 (14112407)   86.29397 (14112407)   88.38304 (14112407)   90.43227 (14112407)
92.47144 (14112407)
 4190865.2 | 84.03295 (14112407)   86.08294 (14112407)   88.07447 (14112407)   90.03828 (14112407)
92.06313 (15011207)
 4190845.2 | 83.88154 (14112407)   85.82899 (14112407)   87.73089 (14112407)   89.61018 (14112407)
91.97864 (15011207)

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: HAUL3
***
                               INCLUDING SOURCE(S):   L0000580   , L0000581   , L0000582   , L0000583   ,
L0000584   ,
                L0000585   , L0000586   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560617.30   560637.30   560657.30   560677.30
560697.30
 -
- - - - - - - -

 4190825.2 | 83.68155 (14112407)   85.53433 (14112407)   87.34947 (14112407)   89.13936 (14112407)
91.83197 (15011207)
 4190805.2 | 83.43710 (14112407)   85.19901 (14112407)   86.92325 (14112407)   89.07900 (15011207)
91.62748 (15011207)
 4190785.2 | 83.14834 (14112407)   84.81751 (14112407)   86.44045 (14112407)   88.96226 (15011207)
91.36737 (15011207)
 4190765.2 | 82.80959 (14112407)   84.37896 (14112407)   86.37916 (15011207)   88.78517 (15011207)
91.05075 (15011207)
 4190745.2 | 82.41347 (14112407)   83.86689 (14112407)   86.28527 (15011207)   88.54792 (15011207)
90.67222 (15011207)
 4190725.2 | 81.94655 (14112407)   83.85376 (15011207)   86.12634 (15011207)   88.24563 (15011207)
90.22159 (15011207)
 4190705.2 | 81.48103 (15011207)   83.77560 (15011207)   85.90166 (15011207)   87.87301 (15011207)
89.68546 (15011207)
 4190685.2 | 81.48386 (15011207)   83.62876 (15011207)   85.60661 (15011207)   87.41963 (15011207)
89.04801 (15011207)
 4190665.2 | 81.41410 (15011207)   83.40920 (15011207)   85.23248 (15011207)   86.87181 (15011207)
88.28984 (15011207)
 4190645.2 | 81.27097 (15011207)   83.11216 (15011207)   84.76793 (15011207)   86.21151 (15011207)
87.38924 (15011207)

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: HAUL3
***
                               INCLUDING SOURCE(S):   L0000580   , L0000581   , L0000582   , L0000583   ,
L0000584   ,
                L0000585   , L0000586   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 560717.30	560737.30	560757.30	560777.30	560797.30
4191625.2	104.69806 (17012607)	110.34354 (17012607)	115.85424 (13122608)	122.23884 (13122608)	129.35212 (13110808)
4191605.2	107.03943 (17012607)	111.85351 (13122608)	117.53793 (13122608)	124.38526 (13110808)	131.79241 (13110808)
4191585.2	107.78838 (13122608)	112.66045 (13122608)	119.17155 (13110808)	126.22900 (13110808)	132.68770 (13110808)
4191565.2	109.27446 (13110808)	115.37432 (13110808)	120.96136 (13110808)	126.77022 (13110808)	132.37790 (13110808)
4191545.2	112.03993 (13110808)	117.34367 (13110808)	122.29180 (13110808)	126.93783 (13110808)	133.16912 (14091607)
4191525.2	113.58759 (13110808)	118.28199 (13110808)	122.85400 (13110808)	127.63463 (14091607)	133.52229 (14091607)
4191505.2	113.84341 (13110808)	118.37512 (13110808)	122.75722 (14091607)	128.45812 (14091607)	133.88788 (14091607)
4191485.2	113.76471 (13110808)	117.82414 (13110808)	123.16036 (14091607)	128.41393 (14091607)	133.57052 (14091607)
4191465.2	113.57429 (13110808)	117.70781 (14091607)	122.60790 (14091607)	127.89870 (14091607)	132.86340 (14091607)
4191445.2	113.70231 (14091607)	118.05560 (14091607)	122.04559 (14091607)	126.78971 (14091607)	131.85898 (14091607)
4191425.2	113.66352 (14091607)	117.76243 (14091607)	121.71658 (14091607)	125.75417 (14091607)	130.73228 (14091607)
4191405.2	113.33147 (14091607)	117.14601 (14091607)	121.08739 (14091607)	124.87357 (14091607)	129.56005 (14091607)
4191385.2	112.79763 (14091607)	116.40425 (14091607)	120.16705 (14091607)	124.14509 (14091607)	128.25692 (14091607)
4191365.2	112.12559 (14091607)	115.57812 (14091607)	119.20504 (14091607)	123.05191 (14091607)	126.96938 (14091607)
4191345.2	111.36826 (14091607)	114.70332 (14091607)	118.22054 (14091607)	121.96429 (14091607)	125.88055 (14091607)
4191325.2	110.56979 (14091607)	113.80243 (14091607)	117.21798 (14091607)	120.76902 (14091607)	124.61044 (14091607)
4191305.2	109.74625 (14091607)	112.89347 (14091607)	116.22587 (14091607)	119.63980 (14091607)	123.37724 (14091607)
4191285.2	108.91171 (14091607)	111.98634 (14091607)	115.23118 (14091607)	118.58257 (14091607)	122.23855 (14091607)
4191265.2	108.07761 (14091607)	111.05150 (14091607)	114.16631 (14091607)	117.51156 (14091607)	121.11829 (14091607)
4191245.2	107.25020 (14091607)	110.12937 (14091607)	113.13012 (14091607)	116.45735 (14091607)	120.01476 (14091607)
4191225.2	106.43121 (14091607)	109.27192 (14091607)	112.19376 (14091607)	115.44992 (14091607)	118.92682 (14091607)
4191205.2	105.62268 (14091607)	108.44241 (14091607)	111.40841 (14091607)	114.48524 (14091607)	117.85269 (14091607)
4191185.2	104.82446 (14091607)	107.57792 (14091607)	110.47480 (14091607)	113.50242 (14091607)	116.84724 (14091607)
4191165.2	104.03443 (14091607)	106.69472 (14091607)	109.45730 (14091607)	112.49893 (14091607)	115.84931 (14091607)
4191145.2	103.18874 (14091607)	105.80085 (14091607)	108.57783 (14091607)	111.63661 (14091607)	114.79340 (14091607)
4191125.2	102.35241 (14091607)	104.95293 (14091607)	107.72612 (14091607)	110.62045 (14091607)	113.62805 (14091607)
4191105.2	101.53167 (14091607)	104.11677 (14091607)	106.75814 (14091607)	109.54320 (14112407)	112.85805 (14112407)
4191085.2	100.77533 (14091607)	103.16855 (14091607)	105.78304 (14112407)	108.92687 (14112407)	112.57024 (15011207)
4191065.2	99.72286 (14091607)	102.21358 (14112407)	105.09231 (14112407)	108.09700 (14112407)	112.05707 (15011207)
4191045.2	98.79582 (14112407)	101.21086 (14112407)	103.59114 (14112407)	106.73697 (15011207)	110.63300 (15011207)

 4191025.2 | 97.89646 (14112407)   100.52123 (14112407)   103.03775 (14112407)   106.50921 (15011207)
110.19099 (15011207)
 4191005.2 | 97.29999 (14112407)   99.87485 (14112407)   102.57041 (15011207)   106.20799 (15011207)
109.70282 (15011207)
 4190985.2 | 96.89950 (14112407)   99.37645 (14112407)   102.41114 (15011207)   105.84745 (15011207)
109.17821 (15011207)
 4190965.2 | 96.46972 (14112407)   98.86043 (14112407)   102.17936 (15011207)   105.43892 (15011207)
108.62407 (15011207)
 4190945.2 | 96.01640 (14112407)   98.66710 (15011207)   101.88772 (15011207)   104.99092 (15011207)
108.04420 (15011207)
 4190925.2 | 95.54196 (14112407)   98.49349 (15011207)   101.54599 (15011207)   104.50887 (15011207)
107.43885 (15011207)
 4190905.2 | 95.23083 (15011207)   98.25960 (15011207)   101.16163 (15011207)   103.99499 (15011207)
106.80383 (15011207)
 4190885.2 | 95.10638 (15011207)   97.97396 (15011207)   100.73857 (15011207)   103.44758 (15011207)
106.13003 (15011207)
 4190865.2 | 94.92000 (15011207)   97.64165 (15011207)   100.27705 (15011207)   102.86017 (15011207)
105.40223 (15011207)
 4190845.2 | 94.67954 (15011207)   97.26494 (15011207)   99.77260 (15011207)   102.22079 (15011207)
104.59872 (15011207)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: HAUL3
***
                               INCLUDING SOURCE(S):   L0000580   , L0000581   , L0000582   , L0000583   ,
L0000584   ,
                L0000585   , L0000586   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560717.30   560737.30   560757.30   560777.30
560797.30
 -
- - - - - - - -

 4190825.2 | 94.38878 (15011207)   96.84246 (15011207)   99.21702 (15011207)   101.51187 (15011207)
103.69127 (15011207)
 4190805.2 | 94.04799 (15011207)   96.36814 (15011207)   98.59642 (15011207)   100.71038 (15011207)
102.64652 (15011207)
 4190785.2 | 93.65219 (15011207)   95.83081 (15011207)   97.89166 (15011207)   99.78785 (15011207)
101.42709 (15011207)
 4190765.2 | 93.19481 (15011207)   95.21487 (15011207)   97.07810 (15011207)   98.71176 (15011207)
101.57639 (13012108)
 4190745.2 | 92.66364 (15011207)   94.50104 (15011207)   96.12860 (15011207)   97.44753 (15011207)
102.18026 (13012108)
 4190725.2 | 92.04228 (15011207)   93.66561 (15011207)   95.01314 (15011207)   96.10810 (13012108)
102.69121 (13012108)
 4190705.2 | 91.30930 (15011207)   92.68187 (15011207)   93.70112 (15011207)   96.82515 (13012108)
103.11145 (13012108)
 4190685.2 | 90.44322 (15011207)   91.52205 (15011207)   92.16289 (15011207)   97.44909 (13012108)
103.44360 (13012108)
 4190665.2 | 89.42009 (15011207)   90.16062 (15011207)   91.79537 (13012108)   97.98244 (13012108)
103.68838 (13012108)
 4190645.2 | 88.21589 (15011207)   88.57394 (15011207)   92.51789 (13012108)   98.42682 (13012108)
103.84534 (13012108)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: HAUL3
***
                                INCLUDING SOURCE(S):   L0000580   , L0000581   , L0000582   , L0000583   ,
L0000584   ,
                 L0000585   , L0000586   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560817.30   560837.30   560857.30   560877.30
560897.30
 -
- - - - - - -

 4191625.2 | 137.57868 (13110808)   145.65065 (13121108)   155.35886 (14091607)   166.16718 (14091607)
177.03292 (14091607)
 4191605.2 | 138.91199 (13110808)   146.94242 (14091607)   156.63790 (14091607)   166.30664 (14091607)
176.12556 (14091607)
 4191585.2 | 139.28648 (14091607)   147.87794 (14091607)   156.65981 (14091607)   165.60648 (14091607)
174.69535 (14091607)
 4191565.2 | 140.05957 (14091607)   148.07854 (14091607)   155.94214 (14091607)   164.09978 (14091607)
172.65320 (14091607)
 4191545.2 | 140.11298 (14091607)   147.61428 (14091607)   154.90749 (14091607)   162.46097 (14091607)
170.62013 (14091607)
 4191525.2 | 139.83265 (14091607)   146.80553 (14091607)   153.68104 (14091607)   160.88861 (14091607)
168.72006 (14091607)
 4191505.2 | 139.15418 (14091607)   145.72806 (14091607)   152.46306 (14091607)   159.55779 (14091607)
166.78797 (14091607)
 4191485.2 | 138.73952 (14091607)   144.71369 (14091607)   151.02277 (14091607)   157.74783 (14091607)
164.93746 (14091607)
 4191465.2 | 138.07278 (14091607)   143.60843 (14091607)   149.45208 (14091607)   155.70096 (14091607)
163.09815 (14091607)
 4191445.2 | 136.82555 (14091607)   142.16184 (14091607)   147.91447 (14091607)   154.15637 (14091607)
161.15799 (14091607)
 4191425.2 | 135.52692 (14091607)   140.63800 (14091607)   146.28059 (14091607)   152.47558 (14091607)
159.15896 (14091607)
 4191405.2 | 134.17835 (14091607)   139.00211 (14091607)   144.55364 (14091607)   150.68350 (14091607)
156.96661 (14091607)
 4191385.2 | 132.30908 (14091607)   137.01353 (14091607)   142.65304 (14091607)   148.74222 (14091607)
154.97390 (14091607)
 4191365.2 | 130.88666 (14091607)   135.44670 (14091607)   140.88609 (14091607)   146.84799 (14091607)
153.00720 (14091607)
 4191345.2 | 129.95508 (14091607)   134.13417 (14091607)   139.35492 (14091607)   145.16085 (14091607)
151.16232 (14091607)
 4191325.2 | 128.68117 (14091607)   132.76121 (14091607)   137.85404 (14091607)   143.51420 (14091607)
149.36280 (14091607)
 4191305.2 | 127.42785 (14091607)   131.41484 (14091607)   136.38417 (14091607)   141.89763 (14091607)
147.58308 (14091607)
 4191285.2 | 126.19701 (14091607)   130.09308 (14091607)   134.86805 (14091607)   140.29578 (14091607)
145.92131 (15011207)
 4191265.2 | 124.98596 (14091607)   128.79016 (14091607)   133.21980 (14091607)   138.32797 (14091607)
144.79648 (15011207)
 4191245.2 | 123.79099 (14091607)   127.50334 (14091607)   131.88880 (14091607)   137.20442 (15011207)
143.65254 (15011207)
 4191225.2 | 122.61105 (14091607)   126.29607 (14091607)   130.69433 (14091607)   136.59022 (15011207)
142.51065 (15011207)
 4191205.2 | 121.51743 (14091607)   125.47630 (14091607)   130.10372 (15011207)   135.65051 (15011207)
141.29244 (15011207)
 4191185.2 | 120.46410 (14091607)   124.30602 (14091607)   129.53293 (15011207)   134.79942 (15011207)
140.21559 (15011207)
 4191165.2 | 119.33682 (14091607)   123.68368 (15011207)   128.80170 (15011207)   133.89185 (15011207)
139.10887 (15011207)
 4191145.2 | 118.15780 (15011207)   123.12963 (15011207)   127.97645 (15011207)   132.84688 (15011207)
137.87839 (15011207)

 4191125.2 | 117.82044 (15011207)   122.50226 (15011207)   127.11582 (15011207)   131.79539 (15011207)
137.66456 (14112008)
 4191105.2 | 117.38868 (15011207)   121.82070 (15011207)   126.23293 (15011207)   130.74518 (15011207)
137.62432 (14112008)
 4191085.2 | 116.88858 (15011207)   121.02649 (15011207)   125.15972 (15011207)   129.38637 (15011207)
136.71056 (14112008)
 4191065.2 | 116.11687 (15011207)   119.76125 (15011207)   123.55034 (15011207)   127.53408 (15011207)
135.79605 (13012108)
 4191045.2 | 114.39809 (15011207)   118.13018 (15011207)   121.91511 (15011207)   126.43302 (14112008)
135.82533 (13012108)
 4191025.2 | 113.78248 (15011207)   117.37075 (15011207)   121.02895 (15011207)   126.51722 (13012108)
135.89828 (13012108)
 4191005.2 | 113.14149 (15011207)   116.59973 (15011207)   120.13726 (15011207)   126.96626 (13012108)
135.87126 (13012108)
 4190985.2 | 112.48030 (15011207)   115.81724 (15011207)   119.23386 (15011207)   127.29616 (13012108)
135.75518 (13012108)
 4190965.2 | 111.80091 (15011207)   115.01934 (15011207)   118.85703 (13012108)   127.51823 (13012108)
135.55938 (13012108)
 4190945.2 | 111.10152 (15011207)   114.19682 (15011207)   119.40618 (13012108)   127.64264 (13012108)
135.29153 (13012108)
 4190925.2 | 110.37557 (15011207)   113.33377 (15011207)   119.84273 (13012108)   127.67822 (13012108)
134.95741 (13012108)
 4190905.2 | 109.61069 (15011207)   112.40657 (15011207)   120.17589 (13012108)   127.63233 (13012108)
134.56065 (13012108)
 4190885.2 | 108.78772 (15011207)   112.75461 (13012108)   120.41380 (13012108)   127.51066 (13012108)
134.10253 (13012108)
 4190865.2 | 107.88028 (15011207)   113.26840 (13012108)   120.56334 (13012108)   127.31702 (13012108)
133.58175 (13012108)
 4190845.2 | 106.85484 (15011207)   113.68291 (13012108)   120.62993 (13012108)   127.05312 (13012108)
132.99428 (13012108)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: HAUL3
***
                               INCLUDING SOURCE(S):   L0000580   , L0000581   , L0000582   , L0000583   ,
L0000584   ,
                L0000585   , L0000586   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560817.30   560837.30   560857.30   560877.30
560897.30
 -
- - - - - - - -

 4190825.2 | 106.85281 (13012108)   114.00437 (13012108)   120.61735 (13012108)   126.71841 (13012108)
132.33344 (13012108)
 4190805.2 | 107.42082 (13012108)   114.23779 (13012108)   120.52755 (13012108)   126.31003 (13012108)
131.59001 (13012108)
 4190785.2 | 107.89307 (13012108)   114.38679 (13012108)   120.36057 (13012108)   125.82284 (13012108)
130.75265 (13012108)
 4190765.2 | 108.27405 (13012108)   114.45341 (13012108)   120.11445 (13012108)   125.24958 (13012108)
129.80837 (13012108)
 4190745.2 | 108.56709 (13012108)   114.43806 (13012108)   119.78529 (13012108)   124.58120 (13012108)
128.74326 (13012108)
 4190725.2 | 108.77419 (13012108)   114.33947 (13012108)   119.36743 (13012108)   123.80727 (13012108)
127.54318 (13012108)
 4190705.2 | 108.89548 (13012108)   114.15452 (13012108)   118.85366 (13012108)   122.91651 (13012108)
126.19458 (13012108)
 4190685.2 | 108.93049 (13012108)   113.87867 (13012108)   118.23523 (13012108)   121.89725 (13012108)

124.68519 (13012108)
 4190665.2 | 108.87724 (13012108)   113.50659 (13012108)   117.50347 (13012108)   120.73850 (13012108)
123.00481 (13012108)
 4190645.2 | 108.73232 (13012108)   113.03159 (13012108)   116.64907 (13012108)   119.43033 (13012108)
121.14607 (13012108)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: HAUL3
***
                               INCLUDING SOURCE(S):   L0000580   , L0000581   , L0000582   , L0000583   ,
L0000584   ,
                L0000585   , L0000586   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560917.30   560937.30   560957.30   560977.30
560997.30
 -
- - - - - - - -

 4191625.2 | 188.22426 (14091607)   200.08367 (14091607)   215.89427 (14120907)   235.56535 (14120907)
258.01620 (14120907)
 4191605.2 | 186.45398 (14091607)   197.66339 (14091607)   210.19997 (14091607)   228.64326 (14120907)
250.82457 (14120907)
 4191585.2 | 184.47478 (14091607)   195.28695 (14091607)   207.48288 (14091607)   221.37554 (14091607)
243.02311 (14120907)
 4191565.2 | 181.99627 (14091607)   192.48346 (14091607)   204.57635 (14091607)   217.83734 (14091607)
236.53891 (14112008)
 4191545.2 | 179.57816 (14091607)   189.62632 (14091607)   201.16293 (14091607)   213.73711 (14091607)
236.90006 (14112008)
 4191525.2 | 177.31601 (14091607)   186.81549 (14091607)   197.39208 (14091607)   209.30979 (14091607)
236.39205 (14040707)
 4191505.2 | 174.96406 (14091607)   184.12144 (14091607)   194.39155 (14091607)   206.07623 (14091607)
236.15472 (14040707)
 4191485.2 | 172.82707 (14091607)   181.57184 (14091607)   191.98827 (14091607)   205.98396 (14112008)
236.00257 (14040707)
 4191465.2 | 170.88327 (14091607)   179.37080 (14091607)   189.72298 (14091607)   206.79605 (14112008)
235.45645 (14040707)
 4191445.2 | 168.85863 (14091607)   177.35870 (14091607)   186.72388 (14091607)   206.41835 (14112008)
233.72310 (14040707)
 4191425.2 | 166.58918 (14091607)   174.80936 (14091607)   183.64085 (14091607)   205.76555 (14112008)
231.76128 (14040707)
 4191405.2 | 164.01443 (14091607)   171.95444 (14091607)   182.58511 (14112008)   205.03336 (14112008)
229.87092 (14040707)
 4191385.2 | 161.86909 (14091607)   169.57103 (14091607)   182.93089 (14112008)   203.99214 (14112008)
227.73284 (14040707)
 4191365.2 | 159.78334 (14091607)   167.28975 (14091607)   182.92273 (14112008)   202.68655 (14112008)
225.38558 (14040707)
 4191345.2 | 157.76714 (14091607)   165.32513 (15011207)   182.60386 (14112008)   201.15771 (14112008)
222.86101 (14040707)
 4191325.2 | 155.78567 (14091607)   164.21256 (14112008)   182.01187 (14112008)   199.44202 (14112008)
220.18940 (14040707)
 4191305.2 | 154.33202 (15011207)   164.44784 (14112008)   181.18772 (14112008)   197.57389 (14112008)
217.39353 (14040707)
 4191285.2 | 152.94063 (15011207)   164.42181 (14112008)   180.16841 (14112008)   195.58684 (14112008)
214.50532 (14040707)
 4191265.2 | 151.50662 (15011207)   164.16903 (14112008)   178.98766 (14112008)   193.51004 (14112008)
211.55504 (14040707)
 4191245.2 | 150.05178 (15011207)   163.71760 (14112008)   177.67432 (14112008)   191.36992 (14112008)
208.57150 (14040707)

 4191225.2 | 149.50434 (14112008)   163.10014 (14112008)   176.25532 (14112008)   189.22490 (14040707)
205.58019 (14040707)
 4191205.2 | 149.51934 (14112008)   162.39083 (14112008)   175.01533 (14112008)   187.35256 (14040707)
202.60331 (14040707)
 4191185.2 | 149.44405 (14112008)   161.52295 (14112008)   173.42175 (14112008)   185.27725 (14040707)
199.89968 (14040707)
 4191165.2 | 149.26026 (14112008)   160.52129 (14112008)   171.61965 (14112008)   183.15838 (14040707)
197.13747 (14040707)
 4191145.2 | 148.88540 (14112008)   159.71191 (14112008)   170.44979 (13012108)   181.12627 (13012108)
192.76229 (14040707)
 4191125.2 | 148.37482 (14112008)   158.96985 (13012108)   169.06946 (13012108)   177.86460 (13012108)
188.61155 (14040707)
 4191105.2 | 147.91958 (13012108)   157.29715 (13012108)   165.76730 (13012108)   174.50360 (13012108)
185.79876 (14040707)
 4191085.2 | 146.25695 (13012108)   155.71800 (13012108)   164.41083 (13012108)   172.97160 (13012108)
183.32097 (14040707)
 4191065.2 | 145.33501 (13012108)   154.40571 (13012108)   163.69901 (13012108)   172.43557 (13012108)
181.81387 (14040707)
 4191045.2 | 145.01931 (13012108)   154.02672 (13012108)   163.47835 (13012108)   172.13051 (13012108)
180.46351 (13012108)
 4191025.2 | 145.12020 (13012108)   154.21431 (13012108)   163.30655 (13012108)   171.20719 (13012108)
179.09056 (13013107)
 4191005.2 | 144.94869 (13012108)   153.75363 (13012108)   162.10676 (13012108)   169.80266 (13012108)
178.25490 (13013107)
 4190985.2 | 144.26731 (13012108)   152.82867 (13012108)   160.82704 (13012108)   168.24190 (13012108)
177.04908 (13013107)
 4190965.2 | 143.22944 (13012108)   151.01903 (13012108)   159.49000 (13012108)   166.53696 (13012108)
175.73707 (13013107)
 4190945.2 | 142.44531 (13012108)   149.72227 (13012108)   158.09622 (13012108)   164.74790 (13012108)
174.39390 (13013107)
 4190925.2 | 141.76947 (13012108)   148.70145 (13012108)   156.66680 (13012108)   162.84317 (13012108)
173.00508 (13013107)
 4190905.2 | 141.04104 (13012108)   147.62261 (13012108)   155.15011 (13012108)   160.99960 (13013107)
171.57103 (13013107)
 4190885.2 | 140.25459 (13012108)   146.31665 (13012108)   153.24484 (13012108)   160.03780 (13013107)
170.07341 (13013107)
 4190865.2 | 139.40154 (13012108)   144.92322 (13012108)   150.82736 (13012108)   158.87588 (13013107)
168.49980 (13013107)
 4190845.2 | 138.47032 (13012108)   143.42287 (13012108)   147.99879 (13012108)   157.49106 (13013107)
166.81091 (13013107)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: HAUL3
***
                               INCLUDING SOURCE(S):   L0000580   , L0000581   , L0000582   , L0000583   ,
L0000584   ,
                L0000585   , L0000586   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560917.30   560937.30   560957.30   560977.30
560997.30
 -
- - - - - - - -

 4190825.2 | 137.44678 (13012108)   141.95057 (13012108)   145.85625 (13013107)   156.12830 (13013107)
165.04641 (13013107)
 4190805.2 | 136.31486 (13012108)   140.32573 (13012108)   145.19904 (13013107)   154.91840 (13013107)
163.17246 (13013107)
 4190785.2 | 135.05734 (13012108)   138.52816 (13012108)   144.46785 (13013107)   153.61738 (13013107)

161.18034 (13013107)
 4190765.2 | 133.65689 (13012108)   136.54002 (13012108)   143.65559 (13013107)   152.10357 (13013107)
158.91003 (13013107)
 4190745.2 | 132.09695 (13012108)   134.71459 (13013107)   142.75719 (13013107)   150.12193 (13013107)
156.13866 (13013107)
 4190725.2 | 130.36277 (13012108)   134.22123 (13013107)   141.76664 (13013107)   148.13237 (13013107)
153.16748 (13013107)
 4190705.2 | 128.44224 (13012108)   133.64545 (13013107)   140.67835 (13013107)   146.29135 (13013107)
150.43239 (13013107)
 4190685.2 | 126.32660 (13012108)   132.98140 (13013107)   139.48648 (13013107)   144.46580 (13013107)
147.83831 (13013107)
 4190665.2 | 125.01847 (13013107)   132.22564 (13013107)   138.18710 (13013107)   142.51823 (13013107)
145.11789 (13013107)
 4190645.2 | 124.63918 (13013107)   131.37455 (13013107)   136.77785 (13013107)   140.44985 (13013107)
142.15703 (13013107)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: HAUL3
***
                               INCLUDING SOURCE(S):   L0000580   , L0000581   , L0000582   , L0000583   ,
L0000584   ,
                L0000585   , L0000586   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 561017.30   561037.30   561057.30   561077.30
561097.30
 -
- - - - - - -

 4191625.2 | 303.74250 (13032907)   357.41057 (13032907)   361.50196 (13032907)   262.57070 (13012409)
290.53377 (13012409)
 4191605.2 | 283.71340 (14040707)   338.90832 (14040707)   380.63608 (14040707)   263.89195 (16121207)
299.53445 (13012409)
 4191585.2 | 282.12918 (14040707)   334.50858 (14040707)   390.06902 (14040707)   360.53175 (14040707)
304.86049 (13012409)
 4191565.2 | 280.86041 (14040707)   329.79923 (14040707)   381.74218 (14040707)   342.82867 (13012408)
365.94725 (13012408)
 4191545.2 | 279.41527 (14040707)   325.03327 (14040707)   372.76963 (14040707)   326.07498 (13012408)
348.33151 (13032907)
 4191525.2 | 277.83337 (14040707)   319.84936 (14040707)   363.28587 (14040707)   315.95502 (13032907)
308.62041 (15010808)
 4191505.2 | 274.49430 (14040707)   315.03883 (14040707)   358.22635 (14040707)   404.20028 (14040707)
290.65850 (15010808)
 4191485.2 | 271.50210 (14040707)   309.21004 (14040707)   349.82138 (14040707)   393.49207 (14040707)
389.71691 (13012408)
 4191465.2 | 268.58360 (14040707)   303.23741 (14040707)   340.90375 (14040707)   383.86782 (14040707)
370.53285 (13012408)
 4191445.2 | 265.13018 (14040707)   297.82675 (14040707)   332.90144 (14040707)   371.92023 (14040707)
351.91994 (13012408)
 4191425.2 | 261.52543 (14040707)   292.52583 (14040707)   325.93421 (14040707)   360.62402 (14040707)
405.37775 (13012408)
 4191405.2 | 257.90628 (14040707)   287.10873 (14040707)   318.61880 (14040707)   354.01952 (14040707)
395.00510 (14040707)
 4191385.2 | 254.15214 (14040707)   281.69068 (14040707)   311.45388 (14040707)   344.93277 (14040707)
390.03844 (13012408)
 4191365.2 | 250.29267 (14040707)   276.27639 (14040707)   304.39454 (14040707)   336.02495 (14040707)
377.46784 (13012408)
 4191345.2 | 246.35185 (14040707)   270.87075 (14040707)   297.41498 (14040707)   327.20317 (14040707)
364.87952 (13012408)

 4191325.2 | 242.34838 (14040707)   265.50890 (14040707)   290.46667 (14040707)   317.48918 (14040707)
352.56689 (13012408)
 4191305.2 | 238.30171 (14040707)   259.88047 (14040707)   282.94427 (14040707)   308.32504 (14040707)
340.23597 (13012408)
 4191285.2 | 234.23362 (14040707)   254.13143 (14040707)   275.20660 (14040707)   300.01672 (14040707)
332.65609 (13012408)
 4191265.2 | 230.17319 (14040707)   248.95659 (14040707)   268.85172 (14040707)   292.21310 (14040707)
324.15280 (13010807)
 4191245.2 | 226.14716 (14040707)   243.87840 (14040707)   262.64502 (14040707)   284.59451 (14040707)
316.87260 (13010807)
 4191225.2 | 222.18202 (14040707)   239.06145 (14040707)   256.61533 (14040707)   277.53122 (13010807)
309.86667 (13010807)
 4191205.2 | 218.29489 (14040707)   234.58481 (14040707)   251.82612 (14040707)   272.68866 (13010807)
303.13998 (13010807)
 4191185.2 | 214.78101 (14040707)   230.16994 (14040707)   246.52089 (14040707)   268.01552 (13010807)
297.31004 (13010807)
 4191165.2 | 211.25651 (14040707)   225.89489 (14040707)   242.12669 (13013107)   263.33286 (13010807)
291.86958 (13010807)
 4191145.2 | 207.57364 (14040707)   221.68867 (13013107)   239.09143 (13013107)   259.85465 (13010807)
286.67137 (13010807)
 4191125.2 | 203.60570 (14040707)   218.96347 (13013107)   235.47709 (13013107)   255.68212 (13010807)
281.28527 (13010807)
 4191105.2 | 199.16243 (14040707)   216.25772 (13013107)   231.63820 (13013107)   251.36082 (13010807)
275.94150 (13010807)
 4191085.2 | 197.03030 (13013107)   213.63237 (13013107)   228.25316 (13013107)   247.27262 (13010807)
270.35531 (13010807)
 4191065.2 | 195.40567 (13013107)   210.90134 (13013107)   225.27097 (13013107)   243.20754 (13010807)
264.68480 (13010807)
 4191045.2 | 193.97808 (13013107)   207.12734 (13013107)   221.18864 (13013107)   239.13796 (13010807)
258.98335 (13010807)
 4191025.2 | 192.98370 (13013107)   205.88928 (13013107)   216.96885 (13013107)   235.71733 (13010807)
254.43365 (13010807)
 4191005.2 | 191.06446 (13013107)   203.41610 (13013107)   214.26830 (13013107)   231.49694 (13010807)
249.30403 (13010807)
 4190985.2 | 189.23735 (13013107)   200.81071 (13013107)   211.38504 (13013107)   228.32569 (13010807)
244.00805 (13010807)
 4190965.2 | 187.32246 (13013107)   198.15014 (13013107)   207.61298 (13013107)   224.44131 (13010807)
238.77216 (13010807)
 4190945.2 | 185.34813 (13013107)   195.29020 (13013107)   204.72397 (13010807)   220.67515 (13010807)
233.58157 (13010807)
 4190925.2 | 183.18723 (13013107)   192.31454 (13013107)   202.17143 (13010807)   217.00455 (13010807)
228.27014 (13010807)
 4190905.2 | 181.09964 (13013107)   189.47544 (13013107)   199.65056 (13010807)   212.80777 (13010807)
222.98481 (15010808)
 4190885.2 | 179.00752 (13013107)   186.44624 (13013107)   196.70031 (13010807)   208.25286 (13010807)
218.43860 (15010808)
 4190865.2 | 176.72848 (13013107)   182.80684 (13013107)   193.19516 (13010807)   204.24124 (13010807)
213.85561 (15010808)
 4190845.2 | 173.92935 (13013107)   178.92880 (13013107)   190.44479 (13010807)   200.40027 (13010807)
208.96488 (15010808)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: HAUL3
***
                                INCLUDING SOURCE(S):   L0000580   , L0000581   , L0000582   , L0000583   ,
L0000584   ,
                L0000585   , L0000586   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)

(METERS) | 561017.30   561037.30   561057.30   561077.30
561097.30
 -
- - - - - - - - -

Y-COORD (METERS)	561017.30	561037.30	561057.30	561077.30	561097.30
4190825.2	171.10402 (13013107)	175.42736 (13010807)	186.98833 (13010807)	195.77948 (13010807)	203.70569 (15010808)
4190805.2	168.41101 (13013107)	173.05288 (13010807)	183.06812 (13010807)	190.68021 (13010807)	198.21117 (15010808)
4190785.2	165.57542 (13013107)	171.08492 (13010807)	180.25897 (13010807)	186.85841 (13010807)	194.11424 (15010808)
4190765.2	162.47183 (13013107)	169.06722 (13010807)	177.40446 (13010807)	183.01639 (13010807)	190.05480 (15010808)
4190745.2	159.23158 (13013107)	167.13451 (13010807)	174.50676 (13010807)	179.56885 (15010808)	186.03556 (15010808)
4190725.2	156.43189 (13013107)	165.70890 (13010807)	172.50783 (13010807)	176.66238 (15010808)	182.06012 (15010808)
4190705.2	154.22849 (13010807)	163.78886 (13010807)	169.88609 (13010807)	173.74297 (15010808)	178.13153 (15010808)
4190685.2	152.70444 (13010807)	161.52951 (13010807)	166.82380 (13010807)	170.81465 (15010808)	174.25280 (15010808)
4190665.2	151.12757 (13010807)	159.22448 (13010807)	163.95682 (13010807)	168.94377 (15010808)	171.59469 (15010808)
4190645.2	149.32497 (13010807)	156.71227 (13010807)	160.93984 (13010807)	166.20937 (15010808)	168.32877 (15010808)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: HAUL3
***
INCLUDING SOURCE(S):   L0000580   , L0000581   , L0000582   , L0000583   ,
L0000584   ,
L0000585   , L0000586   ,

*** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10   IN MICROGRAMS/M**3   **

Y-COORD | X-COORD (METERS)
(METERS) | 561117.30   561137.30   561157.30   561177.30
561197.30
 -
- - - - - - - - -

Y-COORD (METERS)	561117.30	561137.30	561157.30	561177.30	561197.30
4191625.2	348.30802 (13040307)	405.08412 (13040307)	418.07035 (13040307)	403.95405 (17112408)	379.19151 (15011607)
4191605.2	344.98567 (13040307)	414.92169 (13040307)	441.40883 (13040307)	427.93799 (17112408)	398.97168 (15011607)
4191585.2	339.31804 (13012409)	422.34720 (13040307)	463.95126 (13040307)	452.88723 (17112408)	434.06422 (14012908)
4191565.2	392.34871 (15011308)	389.28455 (16120508)	396.90104 (16111207)	389.78229 (13121217)	370.61932 (13121217)
4191545.2	349.14716 (15011308)	358.71197 (16120508)	371.51148 (16111207)	366.67512 (15010907)	355.90757 (13121217)
4191525.2	325.85042 (15011308)	336.42416 (15012007)	349.02651 (16120508)	346.77874 (15010907)	338.07443 (13121217)
4191505.2	305.92934 (15011308)	317.78743 (15012007)	328.84368 (16120508)	337.51771 (13040307)	331.41578 (14012908)
4191485.2	288.90685 (15011308)	301.05903 (15012007)	311.31814 (13040307)	352.91585 (13040307)	353.06621 (14012908)
4191465.2	401.30659 (15011308)	432.22546 (15011308)	443.67102 (16120508)	460.71834 (16111207)	454.73327 (15010907)
4191445.2	378.01901 (15011308)	394.15574 (15012007)	410.06928 (15012007)	431.66918 (16120508)	428.40237 (15010907)

 4191425.2 | 340.07298 (15011308)   368.40479 (15012007)   385.59758 (15012007)   404.25155 (16120508)
400.11527 (16111207)
 4191405.2 | 320.43034 (15011308)   344.51420 (15012007)   362.44915 (15012007)   376.92902 (16120508)
375.93554 (16111207)
 4191385.2 | 398.93444 (13012408)   450.14858 (15011308)   346.62182 (15012007)   357.71040 (16120508)
363.26206 (16111207)
 4191365.2 | 377.68542 (13012408)   421.75994 (15011308)   461.92671 (15012007)   477.63975 (16120508)
504.70570 (16120508)
 4191345.2 | 359.16010 (15010808)   395.51562 (15011308)   422.85819 (15012007)   441.87836 (15012007)
469.92109 (16120508)
 4191325.2 | 403.44349 (13012408)   374.91380 (15011308)   397.48714 (15012007)   417.72980 (15012007)
440.60483 (16120508)
 4191305.2 | 386.04401 (13012408)   417.60953 (15011308)   374.42646 (15012007)   397.32516 (15012007)
414.53737 (16120508)
 4191285.2 | 380.33619 (13012408)   390.00163 (15011308)   452.72126 (15011308)   377.95240 (15012007)
389.46133 (16120508)
 4191265.2 | 367.39314 (13012408)   368.93058 (15010808)   414.27459 (15011308)   465.71361 (15012007)
493.22471 (16120508)
 4191245.2 | 355.48217 (13012408)   400.39922 (13012408)   388.81168 (15011308)   431.72662 (15012007)
457.03516 (15012007)
 4191225.2 | 344.49780 (13012408)   388.06122 (13012408)   372.16946 (15011308)   413.61939 (15012007)
435.98229 (15012007)
 4191205.2 | 335.39282 (15010808)   374.57844 (15010808)   428.58747 (15011308)   399.43796 (15012007)
423.22508 (15012007)
 4191185.2 | 328.39545 (15010808)   364.77770 (15010808)   407.65921 (15011308)   466.09383 (15011308)
532.38818 (15012007)
 4191165.2 | 321.93127 (15010808)   355.62233 (15010808)   387.49409 (15011308)   438.70313 (15011308)
500.93148 (15012007)
 4191145.2 | 313.74355 (15010808)   344.38829 (15010808)   369.24869 (13120207)   414.65751 (15011308)
474.75058 (15012007)
 4191125.2 | 306.79248 (15010808)   334.69669 (15010808)   356.87079 (13120207)   393.77166 (15011308)
449.32813 (15012007)
 4191105.2 | 300.11523 (15010808)   325.36469 (15010808)   345.25087 (13120207)   374.73746 (15011308)
425.60459 (15012007)
 4191085.2 | 292.71626 (15010808)   315.28071 (15010808)   333.16384 (13120207)   356.67409 (15011308)
403.75387 (15012007)
 4191065.2 | 285.55670 (15010808)   305.56468 (15010808)   321.80601 (13120207)   340.21624 (15011308)
383.73372 (15012007)
 4191045.2 | 278.60385 (15010808)   296.18074 (15010808)   311.10588 (13120207)   325.14142 (15011308)
365.32665 (15012007)
 4191025.2 | 271.15553 (15010808)   286.99905 (15010808)   301.00148 (13120207)   311.58015 (13120207)
348.34673 (15012007)
 4191005.2 | 264.71183 (15010808)   278.20906 (15010808)   291.43917 (13120207)   300.21739 (13120207)
332.63497 (15012007)
 4190985.2 | 258.74522 (15010808)   269.76912 (15010808)   282.37241 (13120207)   289.53589 (13120207)
318.05506 (15012007)
 4190965.2 | 252.72324 (15010808)   261.79975 (15010808)   274.02834 (13120207)   279.55592 (13120207)
304.86112 (15012007)
 4190945.2 | 246.36711 (15010808)   253.54561 (15010808)   265.88873 (13120207)   270.28076 (13120207)
292.05759 (15012007)
 4190925.2 | 240.24589 (15010808)   245.73343 (15010808)   257.90764 (13120207)   261.07285 (13120207)
280.16379 (15012007)
 4190905.2 | 234.23817 (15010808)   238.15139 (15010808)   250.45777 (13120207)   252.58930 (13120207)
269.08292 (15012007)
 4190885.2 | 228.34172 (15010808)   231.80572 (13120207)   243.34403 (13120207)   244.54941 (13120207)
258.68120 (15012007)
 4190865.2 | 222.55557 (15010808)   226.09486 (13120207)   236.44822 (13120207)   236.80231 (13120207)
248.81724 (15012007)
 4190845.2 | 215.84793 (15010808)   218.69974 (13120207)   227.41546 (13120207)   226.80281 (13120207)
237.29900 (15012007)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: HAUL3

***
                                INCLUDING SOURCE(S):   L0000580   , L0000581   , L0000582   , L0000583   ,
L0000584   ,
                L0000585   , L0000586   ,

                                 *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                      ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 561117.30   561137.30   561157.30   561177.30
561197.30
 -
- - - - - - - -

 4190825.2 | 208.84831 (15010808)   212.14218 (13120207)   219.72548 (13120207)   218.39511 (13120207)
227.29064 (15012007)
 4190805.2 | 202.35144 (15010808)   207.03906 (13120207)   214.02348 (13120207)   212.14525 (13120207)
219.36630 (15012007)
 4190785.2 | 197.21622 (15010808)   202.35684 (13120207)   208.54299 (13120207)   206.17498 (13120207)
211.85440 (15012007)
 4190765.2 | 192.18107 (15010808)   197.82602 (13120207)   203.27275 (13120207)   200.46771 (13120207)
204.72398 (15012007)
 4190745.2 | 187.24776 (15010808)   193.44012 (13120207)   198.20225 (13120207)   195.00807 (13120207)
197.94952 (15012007)
 4190725.2 | 182.41871 (15010808)   189.19313 (13120207)   193.32166 (13120207)   189.78181 (13120207)
191.50698 (15012007)
 4190705.2 | 178.12059 (13121808)   185.07941 (13120207)   188.62178 (13120207)   184.77569 (13120207)
185.61078 (13032207)
 4190685.2 | 174.02020 (13121808)   181.09367 (13120207)   184.09398 (13120207)   179.97741 (13120207)
180.55939 (13032207)
 4190665.2 | 170.00729 (13121808)   177.23091 (13120207)   179.73014 (13120207)   175.37551 (13120207)
175.73776 (13032207)
 4190645.2 | 166.08190 (13121808)   173.48642 (13120207)   175.52263 (13120207)   170.95932 (13120207)
171.13146 (13032207)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: HAUL3
***
                                INCLUDING SOURCE(S):   L0000580   , L0000581   , L0000582   , L0000583   ,
L0000584   ,
                L0000585   , L0000586   ,

                                 *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                      ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 561217.30   561237.30   561257.30   561277.30
561297.30
 -
- - - - - - - -

 4191625.2 | 349.27884 (15011607)   349.91213 (14012008)   402.82971 (14112517)   357.88996 (14112517)
308.60141 (14112517)
 4191605.2 | 385.57628 (14012008)   365.44651 (14012008)   409.22530 (14112517)   360.23322 (14112517)
310.14572 (15021907)
 4191585.2 | 407.87705 (14012008)   382.56961 (14012008)   369.57434 (14112517)   361.84665 (14112517)
313.13713 (13121308)
 4191565.2 | 333.94514 (15010807)   401.61998 (14012008)   381.38142 (14112517)   362.69582 (14112517)
315.68326 (13121308)
 4191545.2 | 320.14847 (13121217)   305.58674 (15010807)   348.01066 (15010807)   362.79424 (14112517)
317.44179 (13121308)

 4191525.2 | 316.69342 (13121217)   294.03509 (15010807)   367.09058 (15010807)   356.46592 (14112517)
323.82311 (14010617)
 4191505.2 | 310.73719 (15011607)   419.91253 (15010807)   378.07475 (15010807)   320.38678 (15010807)
330.18814 (14010617)
 4191485.2 | 472.93493 (13121217)   413.20872 (13121217)   380.59333 (15010807)   335.20896 (15010807)
337.87778 (14010617)
 4191465.2 | 437.85090 (13121217)   398.01161 (13121217)   366.30725 (15010807)   342.62937 (15010807)
343.50322 (14010617)
 4191445.2 | 411.25315 (13121217)   387.19560 (13121217)   346.72445 (15010807)   331.30836 (15010807)
352.07588 (15010807)
 4191425.2 | 386.12653 (15010907)   373.74646 (13121217)   335.25326 (13121217)   415.86873 (15010807)
360.19207 (15010807)
 4191405.2 | 368.98745 (15010907)   358.38568 (13121217)   466.55785 (13121217)   413.89948 (15010807)
372.08831 (15010807)
 4191385.2 | 355.82595 (15010907)   510.94018 (13121217)   472.37846 (13121217)   413.90827 (15010807)
384.19604 (15010807)
 4191365.2 | 497.88172 (15010907)   470.15295 (13121217)   449.47709 (13121217)   396.21260 (13111408)
383.46364 (15010807)
 4191345.2 | 470.76831 (16111207)   455.96137 (15010907)   434.34773 (13121217)   392.33974 (13121217)
364.55102 (15010807)
 4191325.2 | 446.61434 (16111207)   436.26033 (15010907)   413.63263 (13121217)   387.08538 (13121217)
457.16745 (15010807)
 4191305.2 | 422.21489 (16111207)   413.72846 (15010907)   389.34261 (13121217)   527.03620 (13121217)
446.55201 (15010807)
 4191285.2 | 397.94258 (16111207)   389.32510 (15010907)   544.71366 (15010907)   514.57199 (13121217)
449.15952 (13121217)
 4191265.2 | 540.06069 (16120508)   544.62641 (16111207)   519.99879 (15010907)   492.82079 (13121217)
448.32458 (13121217)
 4191245.2 | 502.80992 (16120508)   515.56541 (16111207)   492.33180 (15010907)   464.22074 (13121217)
438.14234 (13121217)
 4191225.2 | 469.99475 (16120508)   483.75349 (16111207)   464.17791 (15010907)   432.55388 (15010907)
417.60009 (13121217)
 4191205.2 | 442.88910 (16120508)   453.39510 (16111207)   442.23140 (15010907)   422.29414 (15010907)
587.12068 (13121217)
 4191185.2 | 416.11066 (16120508)   431.07178 (16120508)   601.69207 (16111207)   570.42419 (15010907)
527.71874 (13121217)
 4191165.2 | 527.58514 (15012007)   572.66311 (16120508)   567.39400 (16111207)   547.38495 (15010907)
510.94243 (13121217)
 4191145.2 | 501.17040 (15012007)   536.36024 (16120508)   537.39416 (16111207)   527.88410 (15010907)
498.58589 (15010907)
 4191125.2 | 475.48149 (15012007)   503.15965 (16120508)   513.89582 (16111207)   505.60428 (15010907)
489.61563 (15010907)
 4191105.2 | 451.88159 (15012007)   472.07012 (16120508)   492.94413 (16120508)   490.05684 (16111207)
474.57848 (15010907)
 4191085.2 | 430.55755 (15012007)   443.07661 (16120508)   468.42930 (16120508)   469.27555 (16111207)
455.54750 (15010907)
 4191065.2 | 410.41849 (15012007)   415.12755 (16120508)   444.61813 (16120508)   447.95871 (16111207)
434.69474 (15010907)
 4191045.2 | 391.65395 (15012007)   389.80052 (15012007)   421.48537 (16120508)   426.43451 (16111207)
415.69975 (16111207)
 4191025.2 | 374.27299 (15012007)   374.40854 (15012007)   399.28480 (16120508)   405.30751 (16111207)
402.67638 (16111207)
 4191005.2 | 358.32975 (15012007)   360.33641 (15012007)   378.42609 (16120508)   389.08261 (16120508)
388.01504 (16111207)
 4190985.2 | 343.48078 (15012007)   346.37726 (15012007)   357.82786 (16120508)   372.61936 (16120508)
373.28203 (16111207)
 4190965.2 | 329.34139 (15012007)   333.64111 (15012007)   338.60395 (16120508)   356.86362 (16120508)
358.14469 (16111207)
 4190945.2 | 315.67119 (15012007)   321.00031 (15012007)   320.17486 (16120508)   341.40506 (16120508)
342.80673 (16111207)
 4190925.2 | 303.06339 (15012007)   308.24896 (15012007)   302.73436 (16120508)   326.31753 (16120508)
328.61660 (16120508)
 4190905.2 | 292.29139 (15012007)   299.76884 (15012007)   288.51633 (15012007)   311.65609 (16120508)
317.65073 (16120508)
 4190885.2 | 281.34093 (15012007)   289.46474 (15012007)   280.22852 (15012007)   297.46124 (16120508)
306.60764 (16120508)
 4190865.2 | 270.42361 (15012007)   278.16483 (15012007)   271.91725 (15012007)   283.76105 (16120508)
295.64330 (16120508)
 4190845.2 | 259.88571 (15012007)   270.10577 (15012007)   264.41912 (15012007)   270.63184 (16120508)

284.47697 (16120508)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL3 ***
INCLUDING SOURCE(S): L0000580 , L0000581 , L0000582 , L0000583 , L0000584 ,
L0000585 , L0000586 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	561217.30	561237.30	561257.30	561277.30	561297.30
4190825.2	249.62267 (15012007)	260.71578 (15012007)	256.95612 (15012007)	257.98611 (16120508)	273.65539 (16120508)
4190805.2	239.56298 (15012007)	249.99339 (15012007)	249.66498 (15012007)	245.76273 (16120508)	263.24780 (16120508)
4190785.2	231.64005 (15012007)	242.31886 (15012007)	242.88275 (15012007)	234.14376 (16120508)	252.74258 (16120508)
4190765.2	224.10178 (15012007)	234.73079 (15012007)	235.88916 (15012007)	223.29217 (15012007)	242.51144 (16120508)
4190745.2	216.92400 (15012007)	227.48912 (15012007)	228.68116 (15012007)	218.06548 (15012007)	232.63767 (16120508)
4190725.2	210.08335 (15012007)	220.57193 (15012007)	221.44517 (15012007)	212.92455 (15012007)	223.14903 (16120508)
4190705.2	203.55838 (15012007)	214.17724 (15012007)	215.31381 (15012007)	207.52843 (15012007)	213.52509 (16120508)
4190685.2	197.32936 (15012007)	208.04545 (15012007)	209.83438 (15012007)	202.00016 (15012007)	202.79807 (16120508)
4190665.2	191.37635 (15012007)	202.16080 (15012007)	204.53573 (15012007)	197.76950 (15012007)	194.14943 (16120508)
4190645.2	185.68427 (15012007)	196.51148 (15012007)	199.41216 (15012007)	193.62774 (15012007)	185.82564 (16120508)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL3 ***
INCLUDING SOURCE(S): L0000580 , L0000581 , L0000582 , L0000583 , L0000584 ,
L0000585 , L0000586 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	561317.30	561337.30	561357.30	561377.30	561397.30

 4191625.2 | 283.10313 (13121308)   257.65381 (13121308)   243.02136 (15012009)   233.31530 (15012009)
224.13558 (15012009)
 4191605.2 | 284.67629 (13121308)   258.70894 (15012009)   245.59185 (15012009)   235.49938 (15012009)
225.90466 (15012009)
 4191585.2 | 285.50418 (13121308)   261.51925 (15012009)   248.02330 (15012009)   237.57450 (15012009)
227.37450 (15012009)
 4191565.2 | 285.40282 (13121308)   264.19185 (15012009)   250.42979 (15012009)   239.43633 (15012009)
228.21636 (15012009)
 4191545.2 | 291.06236 (14010617)   266.93788 (15012009)   252.72741 (15012009)   240.72019 (15012009)
227.92152 (15012009)
 4191525.2 | 298.51484 (14010617)   274.49981 (14010617)   254.49853 (15012009)   240.85511 (15012009)
225.91026 (15012009)
 4191505.2 | 305.36711 (14010617)   281.17864 (14010617)   259.43561 (14010617)   240.99916 (14010617)
223.59133 (14010617)
 4191485.2 | 310.56556 (14010617)   287.09461 (14010617)   266.33063 (14010617)   247.58313 (14010617)
230.50968 (14010617)
 4191465.2 | 314.23387 (14010617)   292.49848 (14010617)   273.20855 (14010617)   253.23185 (14010617)
236.26108 (14010617)
 4191445.2 | 321.16959 (14010617)   298.56855 (14010617)   278.02490 (14010617)   257.92175 (14010617)
241.11595 (14010617)
 4191425.2 | 325.52194 (14010617)   302.72431 (14010617)   281.42255 (14010617)   261.81998 (14010617)
245.30725 (14010617)
 4191405.2 | 343.88742 (15010807)   305.16269 (14010617)   283.85875 (14010617)   265.34498 (14010617)
249.02009 (14010617)
 4191385.2 | 371.12140 (15010807)   312.85564 (14010617)   290.39586 (14010617)   271.03153 (14010617)
253.46183 (14010617)
 4191365.2 | 392.67882 (15010807)   327.38001 (15010807)   295.30432 (14010617)   275.26737 (14010617)
256.89098 (14010617)
 4191345.2 | 408.98066 (15010807)   347.50694 (15010807)   299.40091 (14010617)   278.77140 (14010617)
259.95719 (14010617)
 4191325.2 | 411.39952 (15010807)   376.03611 (15010807)   312.77101 (15010807)   282.21539 (14010617)
262.95428 (14010617)
 4191305.2 | 414.48098 (15010807)   396.08566 (15010807)   333.27475 (15010807)   285.48245 (14010617)
266.32473 (14010617)
 4191285.2 | 410.22044 (15010807)   413.53694 (15010807)   352.24728 (15010807)   296.31218 (15010807)
269.58171 (14010617)
 4191265.2 | 396.46348 (15010807)   426.15573 (15010807)   369.15722 (15010807)   314.36710 (15010807)
271.62801 (14010617)
 4191245.2 | 392.47398 (13111408)   434.10608 (15010807)   383.31665 (15010807)   330.82017 (15010807)
281.26696 (15010807)
 4191225.2 | 482.83707 (13121217)   435.59690 (15010807)   393.88466 (15010807)   345.14988 (15010807)
296.76065 (15010807)
 4191205.2 | 483.20237 (13121217)   430.17336 (15010807)   399.93052 (15010807)   356.68568 (15010807)
311.06928 (15010807)
 4191185.2 | 481.81890 (13121217)   428.05448 (13111408)   400.56792 (15010807)   365.07569 (15010807)
323.85430 (15010807)
 4191165.2 | 478.02184 (13121217)   429.85603 (13111408)   395.30809 (15010807)   368.72314 (15010807)
333.85998 (15010807)
 4191145.2 | 472.25681 (13121217)   429.31039 (13121217)   390.07117 (13111408)   365.12677 (15010807)
338.66384 (15010807)
 4191125.2 | 460.32082 (13121217)   428.34605 (13121217)   392.42918 (13111408)   356.94209 (15010807)
339.04224 (15010807)
 4191105.2 | 442.02994 (13121217)   422.43602 (13121217)   389.21450 (13111408)   351.12553 (13111408)
335.18148 (15010807)
 4191085.2 | 426.07714 (15010907)   411.26705 (13121217)   380.72149 (13111408)   353.69603 (13111408)
325.40720 (15010807)
 4191065.2 | 416.68604 (15010907)   396.07825 (13121217)   375.66192 (13121217)   351.12437 (13111408)
318.88958 (13111408)
 4191045.2 | 405.18576 (15010907)   377.43589 (13121217)   367.23766 (13121217)   344.09916 (13111408)
321.69445 (13111408)
 4191025.2 | 391.53588 (15010907)   365.21165 (15010907)   356.40979 (13121217)   333.85541 (13121217)
320.54627 (13111408)
 4191005.2 | 376.37327 (15010907)   359.22359 (15010907)   342.92514 (13121217)   329.06838 (13121217)
315.53470 (13111408)
 4190985.2 | 360.25879 (15010907)   351.21999 (15010907)   327.33506 (13121217)   321.51880 (13121217)
306.92395 (13111408)
 4190965.2 | 347.96194 (16111207)   341.52601 (15010907)   318.30378 (15010907)   311.58162 (13121217)
297.99936 (13121217)
 4190945.2 | 338.69371 (16111207)   330.46307 (15010907)   314.27330 (15010907)   299.66957 (13121217)

292.77981 (13121217)
 4190925.2 | 328.63332 (16111207)   318.33556 (15010907)   308.58318 (15010907)   286.20800 (13121217)
285.43415 (13121217)
 4190905.2 | 317.97029 (16111207)   305.78831 (16122108)   301.60112 (15010907)   280.89482 (15010907)
277.26870 (13121217)
 4190885.2 | 306.87459 (16111207)   297.60909 (16111207)   293.28418 (15010907)   278.39575 (15010907)
266.75932 (13121217)
 4190865.2 | 295.49536 (16111207)   290.83526 (16111207)   284.00306 (15010907)   274.28300 (15010907)
254.86658 (13121217)
 4190845.2 | 283.59843 (16111207)   282.89451 (16111207)   274.33613 (16122108)   268.96913 (15010907)
250.20563 (15010907)

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: HAUL3
***
                                INCLUDING SOURCE(S):   L0000580   , L0000581   , L0000582   , L0000583   ,
L0000584   ,
                L0000585   , L0000586   ,

                                 *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                      ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 561317.30   561337.30   561357.30   561377.30
561397.30
 -
- - - - - - - -

 4190825.2 | 274.65123 (16120508)   275.48045 (16111207)   266.47696 (16122108)   262.62845 (15010907)
248.38978 (15010907)
 4190805.2 | 266.20447 (16120508)   266.91722 (16111207)   258.72643 (16111207)   255.47681 (15010907)
245.52846 (15010907)
 4190785.2 | 258.48212 (16120508)   258.33786 (16111207)   252.91575 (16111207)   247.50336 (16122108)
241.93419 (15010907)
 4190765.2 | 249.47495 (16120508)   249.60017 (16111207)   247.36695 (16111207)   241.34101 (16122108)
237.00625 (15010907)
 4190745.2 | 241.63355 (16120508)   240.17484 (16111207)   241.89796 (16111207)   234.75367 (16122108)
231.26425 (15010907)
 4190725.2 | 234.27477 (16120508)   233.96070 (16120508)   235.10777 (16111207)   227.89692 (16122108)
225.10496 (15010907)
 4190705.2 | 226.30573 (16120508)   227.90421 (16120508)   228.07507 (16111207)   223.85664 (16111207)
220.28796 (16122108)
 4190685.2 | 218.17364 (16120508)   222.17305 (16120508)   221.12060 (16111207)   219.28794 (16111207)
215.19274 (16122108)
 4190665.2 | 209.70318 (16120508)   216.02258 (16120508)   214.45404 (16111207)   214.37113 (16111207)
209.37803 (16122108)
 4190645.2 | 201.42408 (16120508)   209.36662 (16120508)   207.54917 (16120508)   209.44943 (16111207)
203.32708 (16122108)

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: HAUL3
***
                                INCLUDING SOURCE(S):   L0000580   , L0000581   , L0000582   , L0000583   ,
L0000584   ,
                L0000585   , L0000586   ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
560122.00	4190978.00	59.57310	(13110808)	560142.00	4190978.00	60.45392	(13110808)
560162.00	4190978.00	61.33158	(13110808)	560182.00	4190978.00	62.22082	(13110808)
560202.00	4190978.00	63.15495	(13110808)	560222.00	4190978.00	64.08571	(13110808)
560242.00	4190978.00	65.02250	(13110808)	560262.00	4190978.00	65.91468	(13110808)
560102.00	4190998.00	58.40883	(13110808)	560122.00	4190998.00	59.31787	(13110808)
560142.00	4190998.00	60.32156	(13110808)	560162.00	4190998.00	61.29964	(13110808)
560182.00	4190998.00	62.24740	(13110808)	560202.00	4190998.00	63.17379	(13110808)
560222.00	4190998.00	64.08730	(13110808)	560242.00	4190998.00	64.99578	(13110808)
560262.00	4190998.00	65.90629	(13110808)	560282.00	4190998.00	66.89183	(13110808)
560302.00	4190998.00	67.97172	(13110808)	560322.00	4190998.00	68.94156	(13110808)
560102.00	4191018.00	57.99080	(13110808)	560122.00	4191018.00	59.01542	(13110808)
560142.00	4191018.00	60.12089	(13110808)	560162.00	4191018.00	61.18531	(13110808)
560182.00	4191018.00	62.20717	(13110808)	560202.00	4191018.00	63.19622	(13110808)
560222.00	4191018.00	64.16209	(13110808)	560242.00	4191018.00	65.11393	(13110808)
560262.00	4191018.00	66.06025	(13110808)	560282.00	4191018.00	67.00877	(13110808)
560302.00	4191018.00	67.96628	(13110808)	560322.00	4191018.00	68.93866	(13110808)
560342.00	4191018.00	69.93089	(13110808)	560362.00	4191018.00	70.94707	(13110808)
560382.00	4191018.00	71.99051	(13110808)	560402.00	4191018.00	73.19286	(13110808)
560102.00	4191038.00	57.29828	(13110808)	560122.00	4191038.00	58.55948	(13110808)
560142.00	4191038.00	59.79301	(13110808)	560162.00	4191038.00	60.96373	(13110808)
560182.00	4191038.00	62.07833	(13110808)	560202.00	4191038.00	63.14699	(13110808)
560222.00	4191038.00	64.18011	(13110808)	560242.00	4191038.00	65.18803	(13110808)
560262.00	4191038.00	66.18062	(13110808)	560282.00	4191038.00	67.16712	(13110808)
560302.00	4191038.00	68.15592	(13110808)	560322.00	4191038.00	69.15443	(13110808)
560342.00	4191038.00	70.16914	(13110808)	560362.00	4191038.00	71.20555	(13110808)
560382.00	4191038.00	72.26827	(13110808)	560402.00	4191038.00	73.40062	(13110808)
560422.00	4191038.00	74.62320	(13110808)	560442.00	4191038.00	75.79671	(13110808)
560462.00	4191038.00	77.11188	(13110808)	560082.00	4191058.00	55.26795	(17012607)
560102.00	4191058.00	56.46381	(13110808)	560122.00	4191058.00	57.92779	(13110808)
560142.00	4191058.00	59.30588	(13110808)	560162.00	4191058.00	60.60500	(13110808)
560182.00	4191058.00	61.83381	(13110808)	560202.00	4191058.00	63.00223	

(13110808)
        560222.00   4191058.00   64.12101 (13110808)   560242.00   4191058.00   65.20127
(13110808)
        560262.00   4191058.00   66.25408 (13110808)   560282.00   4191058.00   67.29013
(13110808)
        560302.00   4191058.00   68.31941 (13110808)   560322.00   4191058.00   69.35104
(13110808)
        560342.00   4191058.00   70.39313 (13110808)   560362.00   4191058.00   71.45276
(13110808)
        560382.00   4191058.00   72.53602 (13110808)   560402.00   4191058.00   73.64804
(13110808)
        560422.00   4191058.00   74.79312 (13110808)   560442.00   4191058.00   75.97482
(13110808)
        560462.00   4191058.00   77.29805 (13110808)   560082.00   4191078.00   55.35143
(17012607)
        560102.00   4191078.00   55.96253 (17012607)   560122.00   4191078.00   57.08168
(13110808)
        560142.00   4191078.00   58.62372 (13110808)   560162.00   4191078.00   60.07461
(13110808)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: HAUL3
***
                                  INCLUDING SOURCE(S):   L0000580   , L0000581   , L0000582   , L0000583   ,
L0000584   ,
                 L0000585   , L0000586   ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                        ** CONC OF PM_10   IN MICROGRAMS/M**3   **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC
(YYMMDDHH)
 -
- - - - - - - -
        560182.00   4191078.00   61.44124 (13110808)   560202.00   4191078.00   62.73248
(13110808)
        560222.00   4191078.00   63.95870 (13110808)   560242.00   4191078.00   65.13127
(13110808)
        560262.00   4191078.00   66.26204 (13110808)   560282.00   4191078.00   67.36291
(13110808)
        560302.00   4191078.00   68.44540 (13110808)   560322.00   4191078.00   69.52034
(13110808)
        560342.00   4191078.00   70.59766 (13110808)   560362.00   4191078.00   71.68620
(13110808)
        560382.00   4191078.00   72.79372 (13110808)   560402.00   4191078.00   73.92690
(13110808)
        560422.00   4191078.00   75.09142 (13110808)   560442.00   4191078.00   76.29210
(13110808)
        560462.00   4191078.00   77.53300 (13110808)   560482.00   4191078.00   78.81755
(13110808)
        560502.00   4191078.00   80.14871 (13110808)   560082.00   4191098.00   55.39342
(17012607)
        560102.00   4191098.00   56.03696 (17012607)   560122.00   4191098.00   56.76837
(17012607)
        560142.00   4191098.00   57.70838 (13110808)   560162.00   4191098.00   59.33425
(13110808)
        560182.00   4191098.00   60.86343 (13110808)   560202.00   4191098.00   62.30271
(13110808)
        560222.00   4191098.00   63.66116 (13110808)   560242.00   4191098.00   64.94957
(13110808)
        560262.00   4191098.00   66.17995 (13110808)   560282.00   4191098.00   67.36495
(13110808)

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        560302.00   4191098.00       68.51735  (13110808)              560322.00   4191098.00       69.64958
(13110808)
        560342.00   4191098.00       70.77339  (13110808)              560362.00   4191098.00       71.89957
(13110808)
        560382.00   4191098.00       73.03778  (13110808)              560402.00   4191098.00       74.19651
(13110808)
        560422.00   4191098.00       75.38310  (13110808)              560442.00   4191098.00       76.60380
(13110808)
        560462.00   4191098.00       77.86398  (13110808)              560482.00   4191098.00       79.16819
(13110808)
        560502.00   4191098.00       80.52036  (13110808)              560522.00   4191098.00       82.06388
(13110808)
        560062.00   4191118.00       54.70761  (17012607)              560082.00   4191118.00       55.37905
(17012607)
        560102.00   4191118.00       56.06501  (17012607)              560122.00   4191118.00       56.83321
(17012607)
        560142.00   4191118.00       57.59903  (17012607)              560162.00   4191118.00       58.36681
(17012607)
        560182.00   4191118.00       60.05940  (13110808)              560202.00   4191118.00       61.67287
(13110808)
        560222.00   4191118.00       63.19044  (13110808)              560242.00   4191118.00       64.62133
(13110808)
        560262.00   4191118.00       65.97676  (13110808)              560282.00   4191118.00       67.26940
(13110808)
        560302.00   4191118.00       68.51273  (13110808)              560322.00   4191118.00       69.72048
(13110808)
        560342.00   4191118.00       70.90609  (13110808)              560362.00   4191118.00       72.08231
(13110808)
        560382.00   4191118.00       73.26088  (13110808)              560402.00   4191118.00       74.45236
(13110808)
        560422.00   4191118.00       75.66602  (13110808)              560442.00   4191118.00       76.90993
(13110808)
        560462.00   4191118.00       78.19098  (13110808)              560482.00   4191118.00       79.51510
(13110808)
        560502.00   4191118.00       80.88724  (13110808)              560522.00   4191118.00       82.57402
(13110808)
        560062.00   4191138.00       54.55352  (17012607)              560082.00   4191138.00       55.28800
(17012607)
        560102.00   4191138.00       56.02915  (17012607)              560122.00   4191138.00       56.84554
(17012607)
        560142.00   4191138.00       57.65280  (17012607)              560162.00   4191138.00       58.45593
(17012607)
        560182.00   4191138.00       59.25974  (17012607)              560202.00   4191138.00       60.79911
(13110808)
        560222.00   4191138.00       62.50342  (13110808)              560242.00   4191138.00       64.10548
(13110808)
        560262.00   4191138.00       65.61457  (13110808)              560282.00   4191138.00       67.04234
(13110808)
        560302.00   4191138.00       68.40212  (13110808)              560322.00   4191138.00       69.70830
(13110808)
        560342.00   4191138.00       70.97563  (13110808)              560362.00   4191138.00       72.21865
(13110808)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

PAGE  1233
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

                            *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  HAUL3
***
                                INCLUDING SOURCE(S):     L0000580    , L0000581    , L0000582    , L0000583    ,
L0000584    ,
                L0000585    , L0000586    ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                     ** CONC OF PM_10    IN MICROGRAMS/M**3                          **
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X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
560382.00	4191138.00	73.45120	(13110808)	560402.00	4191138.00	74.68608	(13110808)
560422.00	4191138.00	75.93481	(13110808)	560442.00	4191138.00	77.20756	(13110808)
560462.00	4191138.00	78.51318	(13110808)	560482.00	4191138.00	79.85922	(13110808)
560502.00	4191138.00	81.29174	(13110808)	560062.00	4191158.00	54.28004	(17012607)
560082.00	4191158.00	55.09409	(17012607)	560102.00	4191158.00	55.90600	(17012607)
560122.00	4191158.00	56.78490	(17012607)	560142.00	4191158.00	57.64658	(17012607)
560162.00	4191158.00	58.49657	(17012607)	560182.00	4191158.00	59.34035	(17012607)
560202.00	4191158.00	60.18325	(17012607)	560222.00	4191158.00	61.55323	(13110808)
560242.00	4191158.00	63.35556	(13110808)	560262.00	4191158.00	65.04890	(13110808)
560282.00	4191158.00	66.64254	(13110808)	560302.00	4191158.00	68.14850	(13110808)
560322.00	4191158.00	69.58084	(13110808)	560342.00	4191158.00	70.95487	(13110808)
560362.00	4191158.00	72.28646	(13110808)	560382.00	4191158.00	73.59134	(13110808)
560402.00	4191158.00	74.88455	(13110808)	560422.00	4191158.00	76.18007	(13110808)
560442.00	4191158.00	77.49048	(13110808)	560462.00	4191158.00	78.82695	(13110808)
560482.00	4191158.00	80.19913	(13110808)	560502.00	4191158.00	82.13827	(13110808)
560062.00	4191178.00	53.78563	(17012607)	560082.00	4191178.00	54.73113	(17012607)
560102.00	4191178.00	55.66601	(17012607)	560122.00	4191178.00	56.62456	(17012607)
560142.00	4191178.00	57.55673	(17012607)	560162.00	4191178.00	58.46828	(17012607)
560182.00	4191178.00	59.36520	(17012607)	560202.00	4191178.00	60.25347	(17012607)
560222.00	4191178.00	61.13897	(17012607)	560242.00	4191178.00	62.32148	(13110808)
560322.00	4191178.00	69.29762	(13110808)	560342.00	4191178.00	70.80849	(13110808)
560362.00	4191178.00	72.25590	(13110808)	560382.00	4191178.00	73.65693	(13110808)
560402.00	4191178.00	75.02860	(13110808)	560422.00	4191178.00	76.38729	(13110808)
560442.00	4191178.00	77.74825	(13110808)	560462.00	4191178.00	79.12527	(13110808)
560482.00	4191178.00	80.53059	(13110808)	560502.00	4191178.00	82.66810	(13110808)
560062.00	4191198.00	53.03970	(17012607)	560082.00	4191198.00	54.17451	(17012607)
560102.00	4191198.00	55.27346	(17012607)	560122.00	4191198.00	56.33125	(17012607)
560142.00	4191198.00	57.35285	(17012607)	560162.00	4191198.00	58.34392	(17012607)
560182.00	4191198.00	59.31057	(17012607)	560202.00	4191198.00	60.25921	(17012607)
560222.00	4191198.00	61.19634	(17012607)	560362.00	4191198.00	72.08824	(13110808)
560382.00	4191198.00	73.61518	(13110808)	560402.00	4191198.00	75.09138	(13110808)
560422.00	4191198.00	76.53531	(13110808)	560442.00	4191198.00	77.96482	(13110808)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL3 ***
INCLUDING SOURCE(S): L0000580 , L0000581 , L0000582 , L0000583 , L0000584 , L0000585 , L0000586 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
560422.00	4191218.00	76.59459	(13110808)	560442.00	4191218.00	78.11687	(13110808)
560462.00	4191218.00	79.75134	(13110808)	560482.00	4191218.00	81.53830	(13110808)
560082.00	4191238.00	52.48495	(17012607)	560102.00	4191238.00	53.86142	(17012607)
560122.00	4191238.00	55.18136	(17012607)	560142.00	4191238.00	56.44700	(17012607)
560162.00	4191238.00	57.66192	(17012607)	560182.00	4191238.00	58.83090	(17012607)
560202.00	4191238.00	59.95977	(17012607)	560222.00	4191238.00	61.05516	(17012607)
560342.00	4191238.00	69.12848	(13110808)	560362.00	4191238.00	71.13803	(13110808)
560382.00	4191238.00	73.02896	(13110808)	560402.00	4191238.00	74.81819	(13110808)
560422.00	4191238.00	76.52538	(13110808)	560442.00	4191238.00	78.17180	(13110808)
560462.00	4191238.00	80.01914	(13110808)	560182.00	4191258.00	58.32038	(17012607)
560202.00	4191258.00	59.57544	(17012607)	560322.00	4191258.00	66.40197	(17012607)
560342.00	4191258.00	67.95211	(13110808)	560362.00	4191258.00	70.23043	(13110808)
560382.00	4191258.00	72.36776	(13110808)	560402.00	4191258.00	74.37715	(13110808)
560422.00	4191258.00	76.27619	(13110808)	560442.00	4191258.00	78.10391	(13110808)
560462.00	4191258.00	80.18653	(13110808)	560322.00	4191278.00	66.44377	(17012607)
560342.00	4191278.00	67.60275	(17012607)	560362.00	4191278.00	68.93970	

(13110808)
        560382.00   4191278.00   71.36738 (13110808)   560402.00   4191278.00   73.64417
(13110808)
        560422.00   4191278.00   75.78298 (13110808)   560442.00   4191278.00   78.05986
(13110808)
        559982.00   4191298.00   44.65429 (14010608)   560002.00   4191298.00   45.12232
(14010608)
        560022.00   4191298.00   45.64735 (14010608)   560042.00   4191298.00   46.18978
(14010608)
        560062.00   4191298.00   46.74654 (14010608)   560302.00   4191298.00   65.10459
(17012607)
        560322.00   4191298.00   66.37353 (17012607)   560342.00   4191298.00   67.61928
(17012607)
        560362.00   4191298.00   68.85207 (17012607)   560382.00   4191298.00   70.08213
(17012607)
        560402.00   4191298.00   72.54036 (13110808)   560422.00   4191298.00   74.96960
(13110808)
        560442.00   4191298.00   77.71295 (13110808)   559962.00   4191318.00   44.30595
(14010608)
        559982.00   4191318.00   44.77743 (14010608)   560002.00   4191318.00   45.30455
(14010608)
        560022.00   4191318.00   45.84409 (14010608)   560042.00   4191318.00   46.39690
(14010608)
        560062.00   4191318.00   46.96388 (14010608)   560082.00   4191318.00   47.54595
(14010608)
        560102.00   4191318.00   48.14406 (14010608)   560122.00   4191318.00   49.31384
(17012607)
        560142.00   4191318.00   51.29058 (17012607)   560162.00   4191318.00   53.20952
(17012607)
        560302.00   4191318.00   64.74188 (17012607)   560322.00   4191318.00   66.14278
(17012607)
        560342.00   4191318.00   67.50430 (17012607)   560362.00   4191318.00   68.83694
(17012607)
        560382.00   4191318.00   70.15180 (17012607)   560402.00   4191318.00   71.46019
(17012607)
        560422.00   4191318.00   73.75031 (13110808)   559962.00   4191338.00   44.42802
(14010608)
        559982.00   4191338.00   44.91193 (14010608)   560002.00   4191338.00   45.45102
(14010608)
        560022.00   4191338.00   46.01240 (15032607)   560042.00   4191338.00   46.59032
(15032607)
        560062.00   4191338.00   47.18545 (15032607)   560082.00   4191338.00   47.79864
(15032607)
        560102.00   4191338.00   48.43083 (15032607)   560122.00   4191338.00   49.08299
(15032607)
        560142.00   4191338.00   49.75616 (15032607)   560162.00   4191338.00   51.15486
(17012607)
        560182.00   4191338.00   53.21850 (17012607)   560202.00   4191338.00   55.21881
(17012607)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: HAUL3
***
                               INCLUDING SOURCE(S):   L0000580   , L0000581   , L0000582   , L0000583   ,
L0000584   ,
               L0000585   , L0000586   ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC
(YYMMDDHH)

- -

560222.00	4191338.00	57.14930	(17012607)	560242.00	4191338.00	59.00554	(17012607)
560302.00	4191338.00	64.12202	(17012607)	560322.00	4191338.00	65.69019	(17012607)
560342.00	4191338.00	67.20204	(17012607)	560362.00	4191338.00	68.66732	(17012607)
560382.00	4191338.00	70.09718	(17012607)	560402.00	4191338.00	71.50363	(17012607)
560422.00	4191338.00	72.89916	(17012607)	559962.00	4191358.00	44.87720	(15032607)
559982.00	4191358.00	45.37371	(15032607)	560002.00	4191358.00	45.93056	(15032607)
560022.00	4191358.00	46.50317	(15032607)	560042.00	4191358.00	47.09234	(15032607)
560062.00	4191358.00	47.69892	(15032607)	560082.00	4191358.00	48.32382	(15032607)
560102.00	4191358.00	48.96798	(15032607)	560122.00	4191358.00	49.63242	(15032607)
560142.00	4191358.00	50.31821	(15032607)	560162.00	4191358.00	51.02649	(15032607)
560182.00	4191358.00	51.75848	(15032607)	560202.00	4191358.00	53.13601	(17012607)
560222.00	4191358.00	55.29291	(17012607)	560242.00	4191358.00	57.37982	(17012607)
560262.00	4191358.00	59.38981	(17012607)	560282.00	4191358.00	61.31965	(17012607)
560302.00	4191358.00	63.16940	(17012607)	560322.00	4191358.00	64.94210	(17012607)
560342.00	4191358.00	66.64281	(17012607)	560362.00	4191358.00	68.27915	(17012607)
560382.00	4191358.00	69.97589	(17012607)	560402.00	4191358.00	71.58768	(17012607)
559962.00	4191378.00	45.24098	(15032607)	559982.00	4191378.00	45.74641	(15032607)
560002.00	4191378.00	46.31593	(13030108)	560022.00	4191378.00	46.92823	(13030108)
560042.00	4191378.00	47.55884	(13030108)	560062.00	4191378.00	48.20862	(13030108)
560082.00	4191378.00	48.87848	(13030108)	560102.00	4191378.00	49.56940	(13030108)
560122.00	4191378.00	50.28242	(13030108)	560142.00	4191378.00	51.01864	(13030108)
560162.00	4191378.00	51.77923	(13030108)	560182.00	4191378.00	52.56547	(13030108)
560202.00	4191378.00	53.37870	(13030108)	560222.00	4191378.00	54.22037	(13030108)
560242.00	4191378.00	55.27228	(17012607)	560262.00	4191378.00	57.52758	(17012607)
560282.00	4191378.00	59.70953	(17012607)	560302.00	4191378.00	61.82219	(17012607)
560322.00	4191378.00	63.84835	(17012607)	560342.00	4191378.00	65.78799	(17012607)
559982.00	4191398.00	46.51977	(13030108)	560002.00	4191398.00	47.12254	(13030108)
560022.00	4191398.00	47.74284	(13030108)	560042.00	4191398.00	48.38151	(13030108)
560062.00	4191398.00	49.03939	(13030108)	560082.00	4191398.00	49.71742	(13030108)
560102.00	4191398.00	50.41657	(13030108)	560122.00	4191398.00	51.13788	(13030108)
560142.00	4191398.00	51.88247	(13030108)	560162.00	4191398.00	52.65152	(13030108)
560182.00	4191398.00	53.44631	(13030108)	560202.00	4191398.00	54.26820	(13030108)
560222.00	4191398.00	55.11863	(13030108)	560242.00	4191398.00	55.99917	(13030108)
560262.00	4191398.00	56.91151	(13030108)	560282.00	4191398.00	57.91063	

(13030108)
        559982.00   4191418.00   47.21372 (13030108)   560002.00   4191418.00   47.82343
(13030108)
        560022.00   4191418.00   48.41729 (13030108)   560042.00   4191418.00   49.03794
(13030108)
        560062.00   4191418.00   49.70086 (13030108)   560082.00   4191418.00   50.38391
(13030108)
        560102.00   4191418.00   51.08809 (13030108)   560122.00   4191418.00   51.81444
(13030108)
        560142.00   4191418.00   52.56409 (13030108)   560162.00   4191418.00   53.33824
(13030108)
        560182.00   4191418.00   54.13818 (13030108)   560202.00   4191418.00   54.96527
(13030108)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: HAUL3
***
                                INCLUDING SOURCE(S):   L0000580   , L0000581   , L0000582   , L0000583   ,
L0000584   ,
                L0000585   , L0000586   ,

                                         *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                      ** CONC OF PM_10   IN MICROGRAMS/M**3   **

     X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC
(YYMMDDHH)
 -
- - - - - - - -
        560222.00   4191418.00   55.82100 (13030108)   560242.00   4191418.00   56.70694
(13030108)
        560262.00   4191418.00   57.62481 (13030108)   560002.00   4191438.00   48.42041
(13030108)
        560022.00   4191438.00   48.98058 (13030108)   560042.00   4191438.00   49.57097
(13030108)
        560062.00   4191438.00   50.22586 (13030108)   560082.00   4191438.00   50.91221
(13030108)
        560102.00   4191438.00   51.61967 (13030108)   560122.00   4191438.00   52.34931
(13030108)
        560142.00   4191438.00   53.10228 (13030108)   560162.00   4191438.00   53.87979
(13030108)
        560182.00   4191438.00   54.68315 (13030108)   560202.00   4191438.00   55.51376
(13030108)
        560222.00   4191438.00   56.37312 (13030108)   560242.00   4191438.00   57.26285
(13030108)
        560262.00   4191438.00   58.19223 (13030108)   560042.00   4191458.00   50.11846
(13030108)
        560062.00   4191458.00   50.65560 (13030108)   560082.00   4191458.00   51.33284
(13030108)
        560102.00   4191458.00   52.04302 (13030108)   560122.00   4191458.00   52.77541
(13030108)
        560142.00   4191458.00   53.53117 (13030108)   560162.00   4191458.00   54.31155
(13030108)
        560182.00   4191458.00   55.11789 (13030108)   560202.00   4191458.00   55.95161
(13030108)
        560222.00   4191458.00   56.81426 (13030108)   560242.00   4191458.00   57.70750
(13030108)
        560262.00   4191458.00   58.74013 (13030108)   560142.00   4191478.00   53.97648
(13030108)
        560162.00   4191478.00   54.73698 (13030108)   560182.00   4191478.00   55.54978
(13030108)
        560202.00   4191478.00   56.34254 (13030108)   560222.00   4191478.00   57.17603
(13030108)

```
       560242.00   4191478.00       58.07335  (13030108)              560155.00   4190663.00       55.95316
(14091607)
       560175.00   4190663.00       56.22242  (14091607)              560115.00   4190683.00       55.80087
(14091607)
       560135.00   4190683.00       56.26896  (14091607)              560155.00   4190683.00       56.62781
(14091607)
       560175.00   4190683.00       57.01167  (14091607)              560095.00   4190703.00       55.61065
(13110808)
       560115.00   4190703.00       56.17824  (14091607)              560135.00   4190703.00       56.72604
(14091607)
       560155.00   4190703.00       57.17196  (14091607)              560175.00   4190703.00       57.65357
(14091607)
       560095.00   4190723.00       56.36151  (13110808)              560115.00   4190723.00       56.68433
(13110808)
       560135.00   4190723.00       57.08435  (14091607)              560155.00   4190723.00       57.60503
(14091607)
       560175.00   4190723.00       58.16953  (14091607)              560195.00   4190723.00       58.69963
(14091607)
       560095.00   4190743.00       56.95305  (13110808)              560115.00   4190743.00       57.37417
(13110808)
       560135.00   4190743.00       57.73466  (13110808)              560155.00   4190743.00       57.96787
(13110808)
       560175.00   4190743.00       58.57960  (14091607)              560195.00   4190743.00       59.18863
(14091607)
       560075.00   4190763.00       56.89912  (13110808)              560095.00   4190763.00       57.41614
(13110808)
       560115.00   4190763.00       57.91496  (13110808)              560135.00   4190763.00       58.36969
(13110808)
       560155.00   4190763.00       58.70997  (13110808)              560175.00   4190763.00       59.10718
(13110808)
       560195.00   4190763.00       59.57732  (14091607)              560215.00   4190763.00       60.22750
(14091607)
       560075.00   4190783.00       57.20929  (13110808)              560095.00   4190783.00       57.77857
(13110808)
       560115.00   4190783.00       58.33788  (13110808)              560135.00   4190783.00       58.86677
(13110808)
       560155.00   4190783.00       59.29148  (13110808)              560175.00   4190783.00       59.78680
(13110808)
       560195.00   4190783.00       60.24923  (13110808)              560215.00   4190783.00       60.66910
(13110808)
       560235.00   4190783.00       61.29934  (14091607)              560075.00   4190803.00       57.45271
(13110808)
       560095.00   4190803.00       58.06365  (13110808)              560115.00   4190803.00       58.67008
(13110808)
       560135.00   4190803.00       59.25678  (13110808)              560155.00   4190803.00       59.74679
(13110808)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

PAGE  1237
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

                           *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  HAUL3
***
                               INCLUDING SOURCE(S):     L0000580    , L0000581    , L0000582    , L0000583    ,
L0000584    ,
                L0000585    , L0000586    ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                     ** CONC OF PM_10    IN MICROGRAMS/M**3                         **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)  Y-COORD (M)        CONC
(YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -
       560175.00   4190803.00       60.31790  (13110808)              560195.00   4190803.00       60.87011
```

(13110808)
560215.00 4190803.00 61.39628 (13110808) 560235.00 4190803.00 61.88749
(13110808)
560255.00 4190803.00 62.38752 (14091607) 560275.00 4190803.00 63.09824
(14091607)
560075.00 4190823.00 57.64371 (13110808) 560095.00 4190823.00 58.28949
(13110808)
560115.00 4190823.00 58.93363 (13110808) 560135.00 4190823.00 59.57268
(13110808)
560155.00 4190823.00 60.19966 (13110808) 560175.00 4190823.00 60.76596
(13110808)
560195.00 4190823.00 61.35524 (13110808) 560215.00 4190823.00 61.96276
(13110808)
560235.00 4190823.00 62.55104 (13110808) 560255.00 4190823.00 63.11202
(13110808)
560275.00 4190823.00 63.63565 (13110808) 560295.00 4190823.00 64.30157
(14091607)
560315.00 4190823.00 65.02578 (14091607) 560115.00 4190843.00 59.14504
(13110808)
560135.00 4190843.00 59.82096 (13110808) 560155.00 4190843.00 60.49488
(13110808)
560175.00 4190843.00 61.14156 (13110808) 560195.00 4190843.00 61.76646
(13110808)
560215.00 4190843.00 62.40671 (13110808) 560235.00 4190843.00 63.06803
(13110808)
560255.00 4190843.00 63.71675 (13110808) 560275.00 4190843.00 64.34576
(13110808)
560295.00 4190843.00 64.94601 (13110808) 560315.00 4190843.00 65.51370
(14091607)
560335.00 4190843.00 66.33476 (14091607) 560195.00 4190863.00 62.14849
(13110808)
560215.00 4190863.00 62.76055 (13110808) 560235.00 4190863.00 63.47590
(13110808)
560255.00 4190863.00 64.18958 (13110808) 560275.00 4190863.00 64.89711
(13110808)
560295.00 4190863.00 65.59239 (13110808) 560315.00 4190863.00 66.26741
(13110808)
560335.00 4190863.00 66.91201 (13110808) 560075.00 4190883.00 57.96653
(13110808)
560095.00 4190883.00 58.71124 (13110808) 560115.00 4190883.00 59.44935
(13110808)
560255.00 4190883.00 64.56664 (13110808) 560275.00 4190883.00 65.33145
(13110808)
560295.00 4190883.00 66.09631 (13110808) 560315.00 4190883.00 66.85612
(13110808)
560335.00 4190883.00 67.60403 (13110808)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PEIR
***
INCLUDING SOURCE(S): L0000850 , L0000851 , L0000852 , L0000853 ,
L0000854 ,
L0000855 , L0000856 , L0000857 , L0000858 , L0000859 , L0000860 , L0000861 ,
L0000862 ,
L0000863 , L0000864 , L0000865 , L0000866 , L0000867 , L0000868 , L0000869 ,
L0000870 ,
L0000871 , L0000872 , L0000873 , L0000874 , L0000875 , L0000876 , L0000877 ,
. . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	559917.30	559937.30	559957.30	559977.30	559997.30
4191625.2	79.90576 (14112517)	80.42734 (14112517)	80.93761 (14112517)	81.58157 (13121417)	82.19838 (13121417)
4191605.2	81.16890 (14112517)	81.70856 (14112517)	82.26409 (13121417)	82.97432 (13121417)	83.65739 (13121417)
4191585.2	82.47988 (14112517)	83.03860 (14112517)	83.69740 (13121417)	84.40824 (13121417)	85.06477 (13121417)
4191565.2	83.84150 (14112517)	84.43010 (13121417)	85.17198 (13121417)	85.81688 (13121417)	86.11851 (13121417)
4191545.2	85.25703 (14112517)	85.83778 (13121417)	86.54022 (13121417)	87.17684 (13121417)	87.29452 (13121417)
4191525.2	86.69989 (13121417)	87.17427 (13121417)	87.81905 (13121417)	88.49668 (13121417)	88.79150 (13121417)
4191505.2	88.31048 (13121417)	88.77504 (13121417)	89.42721 (13121417)	90.17733 (13121417)	90.80882 (13121417)
4191485.2	89.97489 (13121417)	90.43392 (13121417)	91.09772 (13121417)	91.86995 (13121417)	92.64579 (13121417)
4191465.2	91.69990 (13121417)	92.15721 (13121417)	92.83649 (13121417)	93.63464 (13121417)	94.43966 (13121417)
4191445.2	93.53746 (13121417)	94.27749 (13121417)	95.05896 (13121417)	95.89659 (13121417)	96.74428 (13121417)
4191425.2	95.40721 (13121417)	96.26793 (13121417)	97.22743 (13121417)	98.19314 (13121417)	99.08604 (13121417)
4191405.2	97.35940 (13121417)	98.25144 (13121417)	99.38520 (13121417)	100.48836 (13121417)	101.42788 (13121417)
4191385.2	99.67811 (13121417)	100.43365 (13121308)	101.58644 (13121308)	102.74297 (13121308)	103.75579 (13121308)
4191365.2	101.99604 (13121308)	102.79783 (13121308)	103.95205 (13121308)	105.15909 (13121308)	106.21714 (13121308)
4191345.2	104.41842 (13121308)	105.23778 (13121308)	106.44083 (13121308)	107.70615 (13121308)	108.81558 (13121308)
4191325.2	106.96319 (13121308)	107.80612 (13121308)	109.06624 (13121308)	110.39782 (13121308)	111.56480 (13121308)
4191305.2	109.64482 (13121308)	110.65950 (13121308)	111.84284 (13121308)	113.13537 (13121308)	114.44386 (13121308)
4191285.2	112.51427 (13121308)	113.74561 (13121308)	114.83443 (13121308)	115.89699 (13121308)	119.52222 (15020708)
4191265.2	115.52152 (13121308)	116.81986 (13121308)	118.10504 (13121308)	121.24237 (15020708)	127.21348 (15020708)
4191245.2	118.71867 (13121308)	120.09317 (13121308)	123.18867 (15020708)	129.27707 (15020708)	136.89274 (15012009)
4191225.2	122.12767 (13121308)	125.10998 (15020708)	131.39776 (15020708)	139.41972 (15012009)	147.13328 (15012009)
4191205.2	127.11992 (15020708)	133.62736 (15012009)	142.07206 (15012009)	149.95265 (15012009)	157.04055 (15012009)
4191185.2	136.16967 (15012009)	144.85936 (15012009)	152.90909 (15012009)	160.32933 (15012009)	167.08333 (15012009)
4191165.2	147.79176 (15012009)	156.19806 (15012009)	163.79296 (15012009)	170.55772 (15012009)	177.35892 (15012009)
4191145.2	159.54478 (15012009)	167.65626 (15012009)	175.16229 (15012009)	181.97810 (15012009)	188.02273 (15012009)
4191125.2	171.44799 (15012009)	179.27294 (15012009)	186.58178 (15012009)	193.33500 (15012009)	198.96643 (15012009)
4191105.2	183.54882 (15012009)	191.11398 (15012009)	198.19672 (15012009)	204.75970 (15012009)	210.16375 (15012009)
4191085.2	195.28492 (15012009)	203.17725 (15012009)	210.19110 (15012009)	216.63692 (15012009)	221.88342 (15012009)
4191065.2	208.08694 (15012009)	215.77018 (15012009)	222.71421 (15012009)	229.13767 (15012009)	234.31192 (15012009)
4191045.2	221.95917 (15012009)	229.10288 (15012009)	235.95811 (15012009)	242.47796 (15012009)	247.68118 (15012009)
4191025.2	235.95405 (15012009)	243.15607 (15012009)	250.16765 (15012009)	256.92829 (15012009)	262.27373 (15012009)

 4191005.2 | 250.90897 (15012009)   258.31856 (15012009)   265.65114 (15012009)   272.82396 (15012009)
278.42122 (15012009)
 4190985.2 | 267.14035 (15012009)   274.94259 (15012009)   282.79407 (15012009)   290.57304 (15012009)
296.45674 (15012009)
 4190965.2 | 285.05228 (15012009)   293.47149 (15012009)   302.07147 (15012009)   310.63930 (15012009)
318.00205 (14012907)
 4190945.2 | 305.15430 (15012009)   314.45505 (15012009)   324.04930 (15012009)   340.87816 (14012907)
360.52533 (14012907)
 4190925.2 | 328.07766 (15012009)   341.25179 (14012907)   365.13531 (14012907)   389.20230 (14012907)
407.58661 (14012907)
 4190905.2 | 366.18919 (14012907)   392.74963 (14012907)   420.08656 (14012907)   443.84155 (14012907)
455.20295 (13011717)
 4190885.2 | 423.72861 (14012907)   456.10459 (14012907)   459.98337 (13011717)   521.33768 (13011717)
533.76679 (13011717)
 4190865.2 | 462.87955 (13011717)   523.24160 (13011717)   534.16539 (13011717)   511.07775 (13011717)
534.88201 (13011717)
 4190845.2 | 530.51292 (13011717)   502.00651 (13011717)   522.22504 (13011717)   466.39409 (13011717)
486.18782 (14121317)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: PEIR
***
                               INCLUDING SOURCE(S):   L0000850   , L0000851   , L0000852   , L0000853   ,
L0000854   ,
                L0000855   , L0000856   , L0000857   , L0000858   , L0000859   , L0000860   , L0000861   ,
L0000862   ,
                L0000863   , L0000864   , L0000865   , L0000866   , L0000867   , L0000868   , L0000869   ,
L0000870   ,
                L0000871   , L0000872   , L0000873   , L0000874   , L0000875   , L0000876   , L0000877   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 559917.30   559937.30   559957.30   559977.30
559997.30
 -
- - - - - - - -

 4190825.2 | 445.53468 (13011717)   449.84258 (13011717)   427.65607 (14121317)   456.44585 (14121317)
457.86098 (14121317)
 4190805.2 | 432.42374 (14121317)   457.32673 (14121317)   451.76849 (14121317)   443.68850 (14121317)
479.48804 (14121317)
 4190785.2 | 449.43528 (14121317)   436.95388 (14121317)   475.46598 (14121317)   478.95879 (14121317)
471.82510 (14121317)
 4190765.2 | 479.94334 (14121317)   479.81172 (14121317)   474.62587 (14121317)   519.40679 (14121317)
484.95962 (13012308)
 4190745.2 | 472.23117 (14121317)   523.15965 (14121317)   483.15461 (14121317)   492.27576 (13010717)
467.85475 (13010717)
 4190725.2 | 480.64958 (14121317)   484.24987 (13010717)   458.62100 (13010717)   415.34775 (13010717)
372.83482 (13010717)
 4190705.2 | 433.09508 (13010717)   401.72670 (13010717)   362.38068 (13010717)   326.06071 (13010717)
299.64029 (17111317)
 4190685.2 | 351.11666 (13010717)   315.13469 (13010717)   301.97578 (17111317)   290.43833 (17111317)
279.62152 (17111317)
 4190665.2 | 303.30196 (17111317)   292.02532 (17111317)   281.42143 (17111317)   271.46136 (17111317)
262.11854 (17111317)
 4190645.2 | 282.59103 (17111317)   272.79684 (17111317)   263.58875 (17111317)   254.93161 (17111317)
246.79580 (17111317)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: PEIR
***
                                INCLUDING SOURCE(S):   L0000850   , L0000851   , L0000852   , L0000853   ,
L0000854   ,
               L0000855   , L0000856   , L0000857   , L0000858   , L0000859   , L0000860   , L0000861   ,
L0000862   ,
               L0000863   , L0000864   , L0000865   , L0000866   , L0000867   , L0000868   , L0000869   ,
L0000870   ,
               L0000871   , L0000872   , L0000873   , L0000874   , L0000875   , L0000876   , L0000877   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560017.30   560037.30   560057.30   560077.30
560097.30
 -
- - - - - - - -

 4191625.2 | 82.82106 (13121417)   83.42807 (13121417)   83.85852 (13121417)   84.43297 (13121417)
85.02986 (13121417)
 4191605.2 | 84.32438 (13121417)   84.94896 (13121417)   85.44933 (13121417)   85.95722 (13121417)
86.46969 (13121417)
 4191585.2 | 85.74393 (13121417)   86.45349 (13121417)   87.12412 (13121417)   87.58377 (13121417)
87.96252 (13121417)
 4191565.2 | 86.80493 (13121417)   87.73524 (13121417)   88.63415 (13121417)   89.13859 (13121417)
89.45541 (13121417)
 4191545.2 | 88.11652 (13121417)   89.16082 (13121417)   90.06736 (13121417)   90.65608 (13121417)
91.05837 (13121417)
 4191525.2 | 89.70803 (13121417)   90.73820 (13121417)   91.46432 (13121417)   92.16315 (13121417)
92.78215 (13121417)
 4191505.2 | 91.56009 (13121417)   92.43857 (13121417)   93.18860 (13121417)   93.90099 (13121417)
94.51944 (13121308)
 4191485.2 | 93.42801 (13121417)   94.27665 (13121417)   95.34525 (13121417)   96.18105 (13121417)
96.79922 (13121308)
 4191465.2 | 95.31801 (13121417)   96.26316 (13121417)   97.71389 (13121417)   98.58989 (13121417)
99.19898 (13121308)
 4191445.2 | 97.75993 (13121417)   98.84988 (13121417)   99.83632 (13121417)   100.61138 (13121417)
101.30589 (13121308)
 4191425.2 | 100.11174 (13121417)   101.12085 (13121417)   101.98891 (13121308)   102.83190 (13121308)
103.49470 (13121308)
 4191405.2 | 102.39621 (13121308)   103.37112 (13121308)   104.31546 (13121308)   105.15935 (13121308)
105.76394 (13121308)
 4191385.2 | 104.77548 (13121308)   105.79060 (13121308)   106.76121 (13121308)   107.59353 (13121308)
111.76871 (15020708)
 4191365.2 | 107.28417 (13121308)   108.34172 (13121308)   109.33417 (13121308)   113.21528 (15020708)
118.29327 (15020708)
 4191345.2 | 109.93457 (13121308)   111.03575 (13121308)   114.71663 (15020708)   119.94412 (15020708)
125.84783 (15012009)
 4191325.2 | 112.74048 (13121308)   116.27648 (15020708)   121.66032 (15020708)   127.86919 (15012009)
134.63304 (15012009)
 4191305.2 | 117.89893 (15020708)   123.44648 (15020708)   129.97768 (15012009)   136.91495 (15012009)
143.40260 (15012009)
 4191285.2 | 125.30764 (15020708)   132.17968 (15012009)   139.29797 (15012009)   145.95474 (15012009)
152.16069 (15012009)
 4191265.2 | 134.48216 (15012009)   141.78969 (15012009)   148.62345 (15012009)   154.99514 (15012009)
160.92815 (15012009)
 4191245.2 | 144.39842 (15012009)   151.41776 (15012009)   157.96346 (15012009)   164.06032 (15012009)
169.74279 (15012009)
 4191225.2 | 154.34760 (15012009)   161.07644 (15012009)   167.34596 (15012009)   173.19255 (15012009)
178.65963 (15012009)

 4191205.2 | 163.85843 (15012009)   170.36838 (15012009)   176.75328 (15012009)   182.45281 (15012009)
187.75108 (15012009)
 4191185.2 | 173.58403 (15012009)   179.85086 (15012009)   186.03605 (15012009)   191.76367 (15012009)
197.10577 (15012009)
 4191165.2 | 183.70835 (15012009)   189.65676 (15012009)   195.26241 (15012009)   201.21253 (15012009)
206.82376 (15012009)
 4191145.2 | 194.04402 (15012009)   199.84285 (15012009)   205.35881 (15012009)   211.35497 (15012009)
217.00277 (15012009)
 4191125.2 | 204.69550 (15012009)   210.41904 (15012009)   215.92583 (15012009)   222.04278 (15012009)
227.70050 (15012009)
 4191105.2 | 215.79546 (15012009)   221.53417 (15012009)   227.11483 (15012009)   233.38454 (15012009)
238.85291 (15012009)
 4191085.2 | 227.50959 (15012009)   233.36582 (15012009)   239.08064 (15012009)   245.39804 (15012009)
250.11235 (15012009)
 4191065.2 | 240.04096 (15012009)   246.11380 (15012009)   251.92392 (15012009)   257.84686 (15012009)
260.59076 (15012009)
 4191045.2 | 253.62996 (15012009)   259.96274 (15012009)   265.54042 (15012009)   269.67640 (15012009)
269.81279 (14012907)
 4191025.2 | 268.53740 (15012009)   274.95725 (15012009)   279.28110 (15012009)   283.15824 (14012907)
297.33032 (14012907)
 4191005.2 | 284.95690 (15012009)   290.65869 (15012009)   298.29101 (14012907)   312.98443 (14012907)
323.18849 (14012907)
 4190985.2 | 302.70950 (15012009)   316.77320 (14012907)   329.58824 (14012907)   339.87255 (14012907)
342.89738 (14012907)
 4190965.2 | 337.12606 (14012907)   353.81181 (14012907)   360.11021 (14012907)   357.88407 (14012907)
367.03752 (13011717)
 4190945.2 | 377.59680 (14012907)   385.83530 (14012907)   381.45366 (13011717)   400.85073 (13011717)
407.73970 (13011717)
 4190925.2 | 413.25631 (14012907)   424.30963 (13011717)   437.91827 (13011717)   434.07571 (13011717)
418.37293 (13011717)
 4190905.2 | 476.15397 (13011717)   473.45953 (13011717)   455.52258 (13011717)   429.08352 (13011717)
404.34945 (13011717)
 4190885.2 | 509.70781 (13011717)   467.35181 (13011717)   432.39773 (13011717)   407.73934 (13011717)
391.36675 (13011717)
 4190865.2 | 476.13453 (13011717)   430.46898 (13011717)   413.34925 (13011717)   403.71967 (13011717)
387.61851 (14121317)
 4190845.2 | 453.09890 (14121317)   430.60979 (14121317)   426.46499 (14121317)   425.54178 (14121317)
422.52744 (14121317)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: PEIR
***
                               INCLUDING SOURCE(S):   L0000850   , L0000851   , L0000852   , L0000853   ,
L0000854   ,
               L0000855   , L0000856   , L0000857   , L0000858   , L0000859   , L0000860   , L0000861   ,
L0000862   ,
               L0000863   , L0000864   , L0000865   , L0000866   , L0000867   , L0000868   , L0000869   ,
L0000870   ,
               L0000871   , L0000872   , L0000873   , L0000874   , L0000875   , L0000876   , L0000877   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560017.30   560037.30   560057.30   560077.30
560097.30
 -
- - - - - - - -

 4190825.2 | 473.05885 (14121317)   473.98914 (14121317)   473.96071 (14121317)   465.26345 (14121317)
457.80965 (13012308)

 4190805.2 | 479.63774 (14121317)   543.84197 (14121317)   511.13381 (14121317)   484.72095 (13012308)
459.12401 (13010717)
 4190785.2 | 520.81144 (14121317)   542.92234 (14121317)   494.29105 (13010717)   453.56477 (13010717)
416.81973 (13010717)
 4190765.2 | 498.07379 (13010717)   474.32994 (13010717)   421.96167 (13010717)   380.38183 (13010717)
346.30252 (13010717)
 4190745.2 | 424.95322 (13010717)   381.48343 (13010717)   340.13055 (13010717)   307.31668 (13010717)
280.08681 (13010717)
 4190725.2 | 336.37182 (13010717)   303.87200 (13010717)   281.15499 (17111317)   268.03930 (17111317)
256.69268 (17111317)
 4190705.2 | 287.90009 (17111317)   276.78793 (17111317)   265.75495 (17111317)   253.98743 (17111317)
242.92517 (17111317)
 4190685.2 | 269.51806 (17111317)   260.11663 (17111317)   251.39579 (17111317)   241.29581 (17111317)
230.32968 (17111317)
 4190665.2 | 253.37060 (17111317)   245.19652 (17111317)   237.57222 (17111317)   228.67615 (17111317)
218.99308 (17111317)
 4190645.2 | 239.15628 (17111317)   231.98990 (17111317)   225.27355 (17111317)   217.38504 (17111317)
208.77693 (17111317)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: PEIR
***
                               INCLUDING SOURCE(S):   L0000850   , L0000851   , L0000852   , L0000853   ,
L0000854   ,
                L0000855   , L0000856   , L0000857   , L0000858   , L0000859   , L0000860   , L0000861   ,
L0000862   ,
                L0000863   , L0000864   , L0000865   , L0000866   , L0000867   , L0000868   , L0000869   ,
L0000870   ,
                L0000871   , L0000872   , L0000873   , L0000874   , L0000875   , L0000876   , L0000877   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560117.30   560137.30   560157.30   560177.30
560197.30
 -
- - - - - - - -

 4191625.2 | 85.57424 (13121417)   86.00695 (13121417)   86.22869 (13121417)   86.39823 (13121308)
86.32056 (13121308)
 4191605.2 | 87.00956 (13121417)   87.40906 (13121417)   87.62130 (13121308)   87.78124 (13121308)
87.55218 (13121308)
 4191585.2 | 88.49208 (13121417)   88.84497 (13121417)   89.12259 (13121308)   89.17318 (13121308)
88.75690 (13121308)
 4191565.2 | 89.65938 (13121417)   90.02991 (13121308)   90.30763 (13121308)   90.21655 (13121308)
89.72713 (13121308)
 4191545.2 | 91.30483 (13121308)   91.60190 (13121308)   91.66571 (13121308)   91.39880 (13121308)
90.76083 (13121308)
 4191525.2 | 93.29676 (13121308)   93.49984 (13121308)   93.26662 (13121308)   92.78146 (13121308)
93.09036 (15020708)
 4191505.2 | 95.10304 (13121308)   95.53727 (13121308)   95.53769 (13121308)   94.77994 (13121308)
99.27702 (15020708)
 4191485.2 | 97.35058 (13121308)   97.66434 (13121308)   97.50661 (13121308)   100.48012 (15020708)
105.17771 (15020708)
 4191465.2 | 99.69822 (13121308)   99.79338 (13121308)   101.71344 (15020708)   106.46473 (15020708)
110.88177 (15020708)
 4191445.2 | 101.72142 (13121308)   102.84210 (15020708)   107.72429 (15020708)   112.26337 (15020708)
116.86087 (15012009)
 4191425.2 | 104.00795 (15020708)   109.02630 (15020708)   113.69203 (15020708)   118.52455 (15012009)
124.51865 (15012009)

 4191405.2 | 110.37345 (15020708)   115.17095 (15020708)   120.25080 (15012009)   126.38730 (15012009)
132.12774 (15012009)
 4191385.2 | 116.70349 (15020708)   122.04373 (15012009)   128.32799 (15012009)   134.20646 (15012009)
139.68371 (15012009)
 4191365.2 | 123.90778 (15012009)   130.34558 (15012009)   136.36730 (15012009)   141.97911 (15012009)
147.19381 (15012009)
 4191345.2 | 132.44535 (15012009)   138.61601 (15012009)   144.36734 (15012009)   149.71506 (15012009)
154.67585 (15012009)
 4191325.2 | 140.95884 (15012009)   146.85528 (15012009)   152.34052 (15012009)   157.43619 (15012009)
162.15558 (15012009)
 4191305.2 | 149.45037 (15012009)   155.07844 (15012009)   160.31263 (15012009)   165.17447 (15012009)
169.66142 (15012009)
 4191285.2 | 157.93774 (15012009)   163.31516 (15012009)   168.32164 (15012009)   172.96783 (15012009)
177.21454 (15012009)
 4191265.2 | 166.45462 (15012009)   171.60920 (15012009)   176.41463 (15012009)   180.85173 (15012009)
184.81130 (15012009)
 4191245.2 | 175.05037 (15012009)   180.01639 (15012009)   184.64118 (15012009)   188.84296 (15012009)
192.39417 (15012009)
 4191225.2 | 183.78928 (15012009)   188.59993 (15012009)   193.03932 (15012009)   196.91117 (15012009)
199.80766 (15012009)
 4191205.2 | 192.74747 (15012009)   197.41934 (15012009)   201.60858 (15012009)   204.93146 (15012009)
206.74150 (15012009)
 4191185.2 | 202.00533 (15012009)   206.50598 (15012009)   210.26173 (15012009)   212.61725 (15012009)
212.67050 (15012009)
 4191165.2 | 211.62751 (15012009)   215.81653 (15012009)   218.74747 (15012009)   219.44073 (15012009)
216.82388 (15012009)
 4191145.2 | 221.61943 (15012009)   225.14886 (15012009)   226.54962 (15012009)   224.57259 (15012009)
219.79916 (16120517)
 4191125.2 | 231.84184 (15012009)   234.01717 (15012009)   232.78905 (15012009)   227.87706 (16120517)
231.96900 (16120517)
 4191105.2 | 241.86381 (15012009)   241.50841 (15012009)   236.54722 (16120517)   243.07424 (14012907)
251.49392 (14012907)
 4191085.2 | 250.76491 (15012009)   246.20747 (15012009)   255.13872 (14012907)   263.72361 (14012907)
268.23972 (14012907)
 4191065.2 | 256.97266 (15012009)   268.26171 (14012907)   277.02592 (14012907)   281.10369 (14012907)
279.73141 (14012907)
 4191045.2 | 282.61345 (14012907)   291.57435 (14012907)   295.07504 (14012907)   292.31405 (14012907)
285.58661 (14010709)
 4191025.2 | 307.42239 (14012907)   310.31621 (14012907)   305.78706 (14012907)   300.15048 (14010709)
312.49772 (13011717)
 4191005.2 | 326.62985 (14012907)   320.20479 (14012907)   325.39652 (13011717)   337.65714 (13011717)
342.58486 (13011717)
 4190985.2 | 337.51862 (13011717)   355.04889 (13011717)   363.14166 (13011717)   362.96581 (13011717)
356.46155 (13011717)
 4190965.2 | 383.04465 (13011717)   386.85174 (13011717)   381.37416 (13011717)   369.49356 (13011717)
353.95699 (13011717)
 4190945.2 | 404.28549 (13011717)   392.84746 (13011717)   377.42709 (13011717)   359.62663 (13011717)
339.51705 (13011717)
 4190925.2 | 398.43278 (13011717)   378.99591 (13011717)   360.25844 (13011717)   339.55251 (13011717)
322.88417 (13121117)
 4190905.2 | 384.47786 (13011717)   366.08373 (13011717)   345.18503 (13121117)   343.44204 (13121117)
341.34694 (13121117)
 4190885.2 | 374.30374 (13011717)   364.91263 (13121117)   363.76696 (13121117)   359.63574 (13121117)
358.52479 (13012308)
 4190865.2 | 385.37993 (14121317)   388.79125 (13012308)   390.96284 (13012308)   384.69988 (13012308)
378.76932 (13012308)
 4190845.2 | 420.29348 (13012308)   417.51622 (13012308)   408.76594 (13012308)   394.66903 (13012308)
381.94862 (13010717)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: PEIR
***
                                INCLUDING SOURCE(S):   L0000850   , L0000851   , L0000852   , L0000853   ,

L0000854   ,
                L0000855   , L0000856   , L0000857   , L0000858   , L0000859   , L0000860   , L0000861   ,
L0000862   ,
                L0000863   , L0000864   , L0000865   , L0000866   , L0000867   , L0000868   , L0000869   ,
L0000870   ,
                L0000871   , L0000872   , L0000873   , L0000874   , L0000875   , L0000876   , L0000877   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560117.30   560137.30   560157.30   560177.30
560197.30
 -
- - - - - - - -

 4190825.2 | 443.06546 (13012308)   424.32656 (13010717)   409.16323 (13010717)   390.83286 (13010717)
369.27873 (13010717)
 4190805.2 | 433.02830 (13010717)   408.16543 (13010717)   381.93048 (13010717)   354.19791 (13010717)
328.01812 (13010717)
 4190785.2 | 382.52676 (13010717)   353.49622 (13010717)   326.21139 (13010717)   299.65452 (13010717)
275.53720 (13010717)
 4190765.2 | 316.09667 (13010717)   290.88965 (13010717)   269.04685 (14091907)   257.94448 (14091907)
247.69113 (14091907)
 4190745.2 | 265.06935 (14091907)   256.08769 (13121617)   249.61069 (13121617)   241.62500 (13121617)
234.10222 (13121617)
 4190725.2 | 248.45031 (13121617)   243.27363 (13121617)   237.89027 (13121617)   231.19729 (13121617)
224.87826 (13121617)
 4190705.2 | 235.58594 (17111317)   230.54089 (17111317)   225.52585 (13121617)   219.67611 (13121617)
214.57224 (13121617)
 4190685.2 | 223.82144 (17111317)   219.32242 (17111317)   214.74039 (17111317)   209.21256 (17111317)
204.84243 (13121617)
 4190665.2 | 213.18362 (17111317)   209.12665 (17111317)   204.99743 (17111317)   200.03055 (17111317)
196.10007 (17111317)
 4190645.2 | 203.56303 (17111317)   199.88909 (17111317)   196.14620 (17111317)   191.64447 (17111317)
188.06932 (17111317)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: PEIR
***
                                INCLUDING SOURCE(S):   L0000850   , L0000851   , L0000852   , L0000853   ,
L0000854   ,
                L0000855   , L0000856   , L0000857   , L0000858   , L0000859   , L0000860   , L0000861   ,
L0000862   ,
                L0000863   , L0000864   , L0000865   , L0000866   , L0000867   , L0000868   , L0000869   ,
L0000870   ,
                L0000871   , L0000872   , L0000873   , L0000874   , L0000875   , L0000876   , L0000877   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560217.30   560237.30   560257.30   560277.30
560297.30
 -
- - - - - - - -

 4191625.2 | 85.76674 (13121308)   84.56362 (13121308)   82.54067 (13121308)   84.79113 (15020708)
89.16747 (15020708)

 4191605.2 | 86.76141 (13121308)   85.22225 (13121308)   85.45984 (15020708)   89.94609 (15020708)
94.15649 (15020708)
 4191585.2 | 87.68131 (13121308)   86.14379 (15020708)   90.74348 (15020708)   95.06193 (15020708)
99.08943 (15020708)
 4191565.2 | 88.50215 (13121308)   91.56083 (15020708)   95.99060 (15020708)   100.12401 (15020708)
103.95634 (15020708)
 4191545.2 | 92.39935 (15020708)   96.94404 (15020708)   101.18624 (15020708)   105.12273 (15020708)
108.75153 (15020708)
 4191525.2 | 97.96578 (15020708)   102.32225 (15020708)   106.36733 (15020708)   110.05329 (15020708)
115.31512 (15012009)
 4191505.2 | 103.92091 (15020708)   108.09896 (15020708)   111.93563 (15012009)   117.17136 (15012009)
121.98185 (15012009)
 4191485.2 | 109.54422 (15020708)   113.70634 (15012009)   119.15219 (15012009)   124.12547 (15012009)
128.57006 (15012009)
 4191465.2 | 115.25597 (15012009)   120.97986 (15012009)   126.20536 (15012009)   130.86379 (15012009)
135.00516 (15012009)
 4191445.2 | 122.71756 (15012009)   128.19571 (15012009)   133.26138 (15012009)   137.81789 (15012009)
141.41434 (15012009)
 4191425.2 | 130.12581 (15012009)   135.34644 (15012009)   140.18170 (15012009)   144.54749 (15012009)
147.94584 (15012009)
 4191405.2 | 137.47480 (15012009)   142.43395 (15012009)   147.00319 (15012009)   151.11785 (15012009)
154.42320 (15012009)
 4191385.2 | 144.76914 (15012009)   149.46747 (15012009)   153.76347 (15012009)   157.60107 (15012009)
160.76920 (15012009)
 4191365.2 | 152.02243 (15012009)   156.45960 (15012009)   160.46180 (15012009)   163.92191 (15012009)
166.64878 (15012009)
 4191345.2 | 159.25396 (15012009)   163.41927 (15012009)   167.07873 (15012009)   170.04977 (15012009)
172.05010 (15012009)
 4191325.2 | 166.48242 (15012009)   170.33992 (15012009)   173.55787 (15012009)   175.85350 (15012009)
176.84428 (15012009)
 4191305.2 | 173.71487 (15012009)   177.18098 (15012009)   179.78127 (15012009)   181.11598 (15012009)
180.71470 (15012009)
 4191285.2 | 180.92842 (15012009)   183.84100 (15012009)   185.53955 (15012009)   185.51220 (15012009)
183.24708 (15012009)
 4191265.2 | 188.04172 (15012009)   190.12307 (15012009)   190.50262 (15012009)   188.60060 (15012009)
183.95164 (15012009)
 4191245.2 | 194.87560 (15012009)   195.69666 (15012009)   194.20283 (15012009)   189.84179 (15012009)
186.33850 (16120517)
 4191225.2 | 201.10565 (15012009)   200.07007 (15012009)   196.04699 (15012009)   192.25649 (16120517)
195.64905 (16120517)
 4191205.2 | 206.21989 (15012009)   202.59312 (15012009)   198.52275 (16120517)   202.00620 (16120517)
202.85891 (16120517)
 4191185.2 | 209.50845 (15012009)   205.17333 (16120517)   208.76678 (16120517)   210.82018 (14012907)
216.40027 (14012907)
 4191165.2 | 212.24959 (16120517)   215.97679 (16120517)   219.94699 (14012907)   225.41023 (14012907)
227.83719 (14012907)
 4191145.2 | 223.68989 (16120517)   229.71179 (14012907)   235.02189 (14012907)   236.95899 (14012907)
235.21764 (14012907)
 4191125.2 | 240.19533 (14012907)   245.30605 (14012907)   246.65030 (14012907)   243.94764 (14012907)
237.76698 (14010709)
 4191105.2 | 256.34588 (14012907)   256.96749 (14012907)   253.12613 (14012907)   248.80559 (14010709)
248.01057 (14010709)
 4191085.2 | 267.97233 (14012907)   262.77351 (14012907)   260.13861 (14010709)   258.36413 (13011717)
269.07374 (13011717)
 4191065.2 | 272.90287 (14012907)   271.67946 (14010709)   278.69825 (13011717)   287.48623 (13011717)
291.60078 (13011717)
 4191045.2 | 288.28271 (13011717)   299.78416 (13011717)   305.94758 (13011717)   307.00577 (13011717)
303.46263 (13011717)
 4191025.2 | 321.26272 (13011717)   324.00308 (13011717)   321.43415 (13011717)   314.37892 (13011717)
303.47090 (13011717)
 4191005.2 | 341.06921 (13011717)   334.41806 (13011717)   323.70450 (13011717)   309.50546 (13011717)
291.66040 (13011717)
 4190985.2 | 345.53691 (13011717)   331.12908 (13011717)   313.81016 (13011717)   293.14386 (13011717)
268.57070 (13011717)
 4190965.2 | 335.52376 (13011717)   314.16334 (13011717)   290.51493 (13011717)   281.95742 (13121117)
283.91044 (13121117)
 4190945.2 | 315.26123 (13011717)   301.46875 (13121117)   302.40971 (13121117)   301.76687 (13121117)
298.92047 (13121117)
 4190925.2 | 322.71232 (13121117)   321.14597 (13121117)   317.54918 (13121117)   311.34520 (13121117)

305.51381 (13012308)
 4190905.2 | 337.92696 (13121117)   332.99981 (13012308)   331.88994 (13012308)   328.07063 (13012308)
321.82224 (13012308)
 4190885.2 | 357.29564 (13012308)   353.15228 (13012308)   344.81096 (13012308)   333.46165 (13012308)
323.29071 (13010717)
 4190865.2 | 369.16144 (13012308)   355.24489 (13010717)   345.71070 (13010717)   334.10088 (13010717)
320.95924 (13010717)
 4190845.2 | 368.69421 (13010717)   352.56355 (13010717)   335.18953 (13010717)   317.23286 (13010717)
299.18661 (13010717)

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: PEIR
***
                                INCLUDING SOURCE(S):   L0000850   , L0000851   , L0000852   , L0000853   ,
L0000854   ,
                L0000855   , L0000856   , L0000857   , L0000858   , L0000859   , L0000860   , L0000861   ,
L0000862   ,
                L0000863   , L0000864   , L0000865   , L0000866   , L0000867   , L0000868   , L0000869   ,
L0000870   ,
                L0000871   , L0000872   , L0000873   , L0000874   , L0000875   , L0000876   , L0000877   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560217.30   560237.30   560257.30   560277.30
560297.30
 -
- - - - - - - -

 4190825.2 | 346.87468 (13010717)   324.74242 (13010717)   303.32024 (13010717)   282.85603 (13010717)
263.47191 (13010717)
 4190805.2 | 303.57593 (13010717)   280.88707 (13010717)   259.88190 (13010717)   240.45288 (13010717)
228.14776 (14091907)
 4190785.2 | 253.88744 (14091907)   244.66230 (14091907)   236.53640 (14091907)   228.88664 (14091907)
221.14095 (14091907)
 4190765.2 | 238.18428 (14091907)   229.83256 (14091907)   222.02040 (14091907)   214.45803 (14091907)
207.06826 (14091907)
 4190745.2 | 227.26080 (13121617)   221.85960 (13121617)   215.68489 (13121617)   209.59677 (13121617)
203.84396 (13121617)
 4190725.2 | 219.11915 (13121617)   214.60095 (13121617)   209.34940 (13121617)   204.12396 (13121617)
199.15127 (13121617)
 4190705.2 | 209.83806 (13121617)   205.35155 (13121617)   200.67427 (13121617)   196.12452 (13121617)
191.78871 (13121617)
 4190685.2 | 200.70989 (13121617)   196.19248 (13121617)   191.90401 (13121617)   187.82467 (13121617)
183.93677 (13121617)
 4190665.2 | 192.15351 (17111317)   187.88726 (17111317)   183.83161 (17111317)   179.96182 (17111317)
176.30889 (13121617)
 4190645.2 | 184.48084 (17111317)   180.59998 (17111317)   176.91447 (17111317)   173.40603 (17111317)
170.05747 (17111317)

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: PEIR
***
                                INCLUDING SOURCE(S):   L0000850   , L0000851   , L0000852   , L0000853   ,

L0000854   ,
                L0000855   , L0000856   , L0000857   , L0000858   , L0000859   , L0000860   , L0000861   ,
L0000862   ,
                L0000863   , L0000864   , L0000865   , L0000866   , L0000867   , L0000868   , L0000869   ,
L0000870   ,
                L0000871   , L0000872   , L0000873   , L0000874   , L0000875   , L0000876   , L0000877   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560317.30   560337.30   560357.30   560377.30
560397.30
 -
- - - - - - - -

 4191625.2 | 93.27278 (15020708)   97.20383 (15020708)   101.10983 (15020708)   104.42898 (15020708)
108.94052 (15012009)
 4191605.2 | 98.08055 (15020708)   101.78895 (15020708)   105.39627 (15020708)   110.20052 (15012009)
114.84295 (15012009)
 4191585.2 | 102.81944 (15020708)   106.24384 (15020708)   110.97387 (15012009)   116.00778 (15012009)
120.60751 (15012009)
 4191565.2 | 107.48265 (15020708)   112.37817 (15012009)   117.11042 (15012009)   121.63862 (15012009)
125.76463 (15012009)
 4191545.2 | 113.82435 (15012009)   118.66671 (15012009)   123.14212 (15012009)   127.22196 (15012009)
130.85854 (15012009)
 4191525.2 | 120.26939 (15012009)   124.85629 (15012009)   129.05218 (15012009)   132.81487 (15012009)
136.07385 (15012009)
 4191505.2 | 126.62112 (15012009)   130.93323 (15012009)   134.82186 (15012009)   138.22212 (15012009)
141.03149 (15012009)
 4191485.2 | 132.86892 (15012009)   136.88317 (15012009)   140.42472 (15012009)   143.39557 (15012009)
145.65259 (15012009)
 4191465.2 | 139.00293 (15012009)   142.68542 (15012009)   145.81877 (15012009)   148.26143 (15012009)
149.82395 (15012009)
 4191445.2 | 145.00850 (15012009)   148.30482 (15012009)   150.93633 (15012009)   152.70985 (15012009)
153.39001 (15012009)
 4191425.2 | 151.03320 (15012009)   153.68091 (15012009)   155.67225 (15012009)   156.58500 (15012009)
156.14806 (15012009)
 4191405.2 | 157.03641 (15012009)   158.81392 (15012009)   159.97290 (15012009)   159.77988 (15012009)
157.84992 (15012009)
 4191385.2 | 163.14650 (15012009)   164.46373 (15012009)   164.54097 (15012009)   162.73354 (15012009)
158.88463 (15012009)
 4191365.2 | 168.36437 (15012009)   168.72748 (15012009)   167.38416 (15012009)   163.87953 (15012009)
158.16526 (15012009)
 4191345.2 | 172.71706 (15012009)   171.65980 (15012009)   168.53291 (15012009)   163.11014 (15012009)
160.99552 (16120517)
 4191325.2 | 176.10037 (15012009)   173.22683 (15012009)   167.95035 (15012009)   165.57481 (16120517)
168.69431 (16120517)
 4191305.2 | 178.12718 (15012009)   173.02564 (15012009)   170.37845 (16120517)   173.53548 (16120517)
174.79331 (16120517)
 4191285.2 | 178.35310 (15012009)   175.42549 (16120517)   178.62688 (16120517)   179.81283 (16120517)
178.70112 (16120517)
 4191265.2 | 180.73739 (16120517)   183.99154 (16120517)   185.10137 (16120517)   185.28192 (14012907)
189.17902 (14012907)
 4191245.2 | 189.65564 (16120517)   190.68478 (16120517)   192.41408 (14012907)   196.11118 (14012907)
197.44385 (14012907)
 4191225.2 | 196.59265 (16120517)   199.95080 (14012907)   203.40927 (14012907)   204.29625 (14012907)
202.44999 (14012907)
 4191205.2 | 207.93123 (14012907)   211.10492 (14012907)   211.47645 (14012907)   208.89958 (14012907)
203.39816 (14012907)
 4191185.2 | 219.23415 (14012907)   219.00722 (14012907)   215.59831 (14012907)   211.19419 (14010709)
212.39279 (14010709)
 4191165.2 | 226.91254 (14012907)   222.55393 (14012907)   220.17437 (14010709)   220.13312 (14010709)
216.65121 (14010709)
 4191145.2 | 229.77171 (14012907)   229.34207 (14010709)   227.85079 (14010709)   227.89892 (13011717)
235.97038 (13011717)
 4191125.2 | 238.64491 (14010709)   235.47104 (14010709)   243.54707 (13011717)   250.15154 (13011717)

253.28822 (13011717)
 4191105.2 | 251.04272 (13011717)   259.53999 (13011717)   264.26954 (13011717)   265.22049 (13011717)
262.52492 (13011717)
 4191085.2 | 275.65568 (13011717)   278.06864 (13011717)   276.47208 (13011717)   271.12798 (13011717)
262.34827 (13011717)
 4191065.2 | 291.24556 (13011717)   286.76987 (13011717)   278.54945 (13011717)   266.95156 (13011717)
252.36713 (13011717)
 4191045.2 | 295.84558 (13011717)   284.59140 (13011717)   270.07065 (13011717)   252.68226 (13011717)
232.93743 (13011717)
 4191025.2 | 289.11002 (13011717)   271.60218 (13011717)   251.33710 (13011717)   228.89861 (13011717)
230.32653 (13121117)
 4191005.2 | 271.02049 (13011717)   247.83731 (13011717)   246.54729 (13121117)   250.46292 (13121117)
252.15062 (13121117)
 4190985.2 | 263.63925 (13121117)   267.08261 (13121117)   268.25716 (13121117)   266.24083 (13121117)
261.91822 (13121117)
 4190965.2 | 284.22065 (13121117)   282.25903 (13121117)   277.95999 (13121117)   271.11768 (13121117)
262.86451 (13012308)
 4190945.2 | 293.62908 (13121117)   285.80174 (13121117)   282.58949 (13012308)   280.20688 (13012308)
275.99355 (13012308)
 4190925.2 | 303.50518 (13012308)   299.38381 (13012308)   293.25654 (13012308)   285.32806 (13012308)
276.32304 (13012308)
 4190905.2 | 313.29859 (13012308)   302.80246 (13012308)   295.51403 (13010717)   288.63745 (13010717)
280.49787 (13010717)
 4190885.2 | 315.13647 (13010717)   305.42129 (13010717)   294.49529 (13010717)   282.69344 (13010717)
270.31588 (13010717)
 4190865.2 | 306.78958 (13010717)   292.02274 (13010717)   277.00725 (13010717)   262.01329 (13010717)
247.24263 (13010717)
 4190845.2 | 281.39989 (13010717)   264.10832 (13010717)   247.46188 (13010717)   231.54918 (13010717)
216.41532 (13010717)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: PEIR
***
                               INCLUDING SOURCE(S):   L0000850   , L0000851   , L0000852   , L0000853   ,
L0000854   ,
                L0000855   , L0000856   , L0000857   , L0000858   , L0000859   , L0000860   , L0000861   ,
L0000862   ,
                L0000863   , L0000864   , L0000865   , L0000866   , L0000867   , L0000868   , L0000869   ,
L0000870   ,
                L0000871   , L0000872   , L0000873   , L0000874   , L0000875   , L0000876   , L0000877   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560317.30   560337.30   560357.30   560377.30
560397.30
 -
- - - - - - - -

 4190825.2 | 245.51318 (13010717)   228.57548 (13010717)   212.45722 (13010717)   205.38946 (14091907)
200.56903 (14091907)
 4190805.2 | 222.13066 (14091907)   216.09320 (14091907)   209.79612 (14091907)   203.75666 (14091907)
197.96210 (14091907)
 4190785.2 | 213.93007 (14091907)   207.17173 (14091907)   200.60735 (14091907)   194.37281 (14091907)
188.43819 (14091907)
 4190765.2 | 201.16065 (13020407)   195.85435 (13020407)   190.85609 (13020407)   186.13765 (13020407)
181.67402 (13020407)
 4190745.2 | 198.40165 (13121617)   193.24682 (13121617)   188.35828 (13121617)   183.71654 (13121617)
179.30376 (13121617)
 4190725.2 | 194.41335 (13121617)   189.89405 (13121617)   185.57873 (13121617)   181.45403 (13121617)

177.50773 (13121617)
 4190705.2 | 187.64935 (13121617)   183.69116 (13121617)   179.90073 (13121617)   176.26617 (13121617)
172.77693 (13121617)
 4190685.2 | 180.22451 (13121617)   176.67382 (13121617)   173.27216 (13121617)   170.00836 (13121617)
166.87242 (13121617)
 4190665.2 | 172.91237 (13121617)   169.66097 (13121617)   166.54400 (13121617)   163.55176 (13121617)
160.67544 (13121617)
 4190645.2 | 166.85281 (17111317)   163.77731 (17111317)   160.81745 (17111317)   157.96101 (17111317)
155.19717 (17111317)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: PEIR
***
                               INCLUDING SOURCE(S):   L0000850   , L0000851   , L0000852   , L0000853   ,
L0000854   ,
               L0000855   , L0000856   , L0000857   , L0000858   , L0000859   , L0000860   , L0000861   ,
L0000862   ,
               L0000863   , L0000864   , L0000865   , L0000866   , L0000867   , L0000868   , L0000869   ,
L0000870   ,
               L0000871   , L0000872   , L0000873   , L0000874   , L0000875   , L0000876   , L0000877   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560417.30   560437.30   560457.30   560477.30
560497.30
 -
- - - - - - - -

 4191625.2 | 113.38292 (15012009)   117.44993 (15012009)   121.09534 (15012009)   124.25436 (15012009)
126.83999 (15012009)
 4191605.2 | 119.02061 (15012009)   122.78328 (15012009)   126.06935 (15012009)   128.79334 (15012009)
130.84505 (15012009)
 4191585.2 | 124.48684 (15012009)   127.89980 (15012009)   130.76321 (15012009)   132.96631 (15012009)
134.37416 (15012009)
 4191565.2 | 129.28747 (15012009)   132.27630 (15012009)   134.62134 (15012009)   136.18480 (15012009)
136.80986 (15012009)
 4191545.2 | 133.97656 (15012009)   136.46795 (15012009)   138.19255 (15012009)   138.98636 (15012009)
138.67758 (15012009)
 4191525.2 | 138.72324 (15012009)   140.62079 (15012009)   141.59507 (15012009)   141.46158 (15012009)
140.04589 (15012009)
 4191505.2 | 143.10664 (15012009)   144.26928 (15012009)   144.32206 (15012009)   143.07300 (15012009)
140.36447 (15012009)
 4191485.2 | 147.01138 (15012009)   147.26169 (15012009)   146.19306 (15012009)   143.62654 (15012009)
139.59906 (15012009)
 4191465.2 | 150.28333 (15012009)   149.40968 (15012009)   147.00094 (15012009)   142.91847 (15012009)
137.41662 (15012009)
 4191445.2 | 152.72667 (15012009)   150.49269 (15012009)   146.52404 (15012009)   140.75375 (15012009)
140.03365 (16120517)
 4191425.2 | 154.10712 (15012009)   150.26996 (15012009)   144.54576 (15012009)   143.58676 (16120517)
146.55985 (16120517)
 4191405.2 | 154.16363 (15012009)   148.50134 (15012009)   147.35675 (16120517)   150.34643 (16120517)
151.89645 (16120517)
 4191385.2 | 153.27681 (15012009)   151.59446 (16120517)   154.29575 (16120517)   155.79094 (16120517)
155.58131 (16120517)
 4191365.2 | 156.36015 (16120517)   159.11783 (16120517)   160.19736 (16120517)   159.83556 (16120517)
158.22523 (14012907)
 4191345.2 | 164.08300 (16120517)   165.23860 (16120517)   164.40546 (16120517)   164.14730 (14012907)
166.64836 (14012907)
 4191325.2 | 170.02014 (16120517)   168.87634 (16120517)   169.35618 (14012907)   171.94313 (14012907)

172.56798 (14012907)
 4191305.2 | 173.89168 (16120517)   175.91463 (14012907)   177.60790 (14012907)   177.74876 (14012907)
175.86747 (14012907)
 4191285.2 | 182.58456 (14012907)   184.45102 (14012907)   183.88079 (14012907)   180.92621 (14012907)
176.15324 (14012907)
 4191265.2 | 190.89779 (14012907)   190.21663 (14012907)   186.95991 (14012907)   181.07952 (14010709)
182.96902 (14010709)
 4191245.2 | 196.24053 (14012907)   192.46094 (14012907)   189.47690 (14010709)   190.05448 (14010709)
188.31331 (14010709)
 4191225.2 | 197.85747 (14012907)   197.07197 (14010709)   197.39699 (14010709)   194.52027 (14010709)
190.23070 (13011717)
 4191205.2 | 204.68999 (14010709)   203.94656 (14010709)   200.22497 (14010709)   203.25790 (13011717)
208.75514 (13011717)
 4191185.2 | 210.36783 (14010709)   208.19687 (13011717)   215.79866 (13011717)   220.78864 (13011717)
222.36023 (13011717)
 4191165.2 | 221.93233 (13011717)   228.37060 (13011717)   231.88795 (13011717)   232.42633 (13011717)
229.32642 (13011717)
 4191145.2 | 240.93016 (13011717)   242.67987 (13011717)   241.24792 (13011717)   236.76670 (13011717)
229.26012 (13011717)
 4191125.2 | 252.96547 (13011717)   249.30833 (13011717)   242.53336 (13011717)   232.93551 (13011717)
220.88419 (13011717)
 4191105.2 | 256.40738 (13011717)   247.16161 (13011717)   235.14869 (13011717)   220.80299 (13011717)
204.62809 (13011717)
 4191085.2 | 250.48743 (13011717)   235.96304 (13011717)   219.27208 (13011717)   200.98903 (13011717)
183.93838 (13011617)
 4191065.2 | 235.26021 (13011717)   216.19604 (13011717)   196.44826 (13011617)   201.39612 (13121117)
206.63081 (13121117)
 4191045.2 | 211.48886 (13011717)   215.32723 (13121117)   220.25019 (13121117)   222.81217 (13121117)
223.79462 (13121117)
 4191025.2 | 234.52886 (13121117)   237.02572 (13121117)   237.57421 (13121117)   235.89426 (13121117)
232.06019 (13121117)
 4191005.2 | 251.18464 (13121117)   248.71868 (13121117)   244.39701 (13121117)   238.20231 (13121117)
229.91259 (13121117)
 4190985.2 | 256.54942 (13121117)   249.17626 (13121117)   244.74453 (13012308)   243.60665 (13012308)
240.98639 (13012308)
 4190965.2 | 262.00603 (13012308)   259.44787 (13012308)   255.31598 (13012308)   249.77180 (13012308)
243.00096 (13012308)
 4190945.2 | 270.74696 (13012308)   263.53043 (13012308)   255.26715 (13010717)   251.46060 (13010717)
246.56780 (13010717)
 4190925.2 | 272.44086 (13010717)   266.93615 (13010717)   260.00836 (13010717)   252.20046 (13010717)
243.69783 (13010717)
 4190905.2 | 271.69884 (13010717)   261.89693 (13010717)   251.38028 (13010717)   240.51238 (13010717)
229.46187 (13010717)
 4190885.2 | 257.61883 (13010717)   244.81338 (13010717)   232.06794 (13010717)   219.51352 (13010717)
207.24901 (13010717)
 4190865.2 | 232.84082 (13010717)   218.90860 (13010717)   205.51244 (13010717)   192.69264 (13010717)
180.47046 (13010717)
 4190845.2 | 202.07607 (13010717)   188.52731 (13010717)   184.42086 (14091907)   181.49281 (14091907)
178.16172 (14091907)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: PEIR
***
                                INCLUDING SOURCE(S):   L0000850   , L0000851   , L0000852   , L0000853   ,
L0000854   ,
                L0000855   , L0000856   , L0000857   , L0000858   , L0000859   , L0000860   , L0000861   ,
L0000862   ,
                L0000863   , L0000864   , L0000865   , L0000866   , L0000867   , L0000868   , L0000869   ,
L0000870   ,
                L0000871   , L0000872   , L0000873   , L0000874   , L0000875   , L0000876   , L0000877   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 560417.30	560437.30	560457.30	560477.30	560497.30
4190825.2	195.82668 (14091907)	191.17475 (14091907)	186.70188 (14091907)	182.50538 (14091907)	178.18983 (14091907)
4190805.2	192.39890 (14091907)	187.05337 (14091907)	181.91206 (14091907)	176.96208 (14091907)	172.19121 (14091907)
4190785.2	182.77695 (14091907)	177.36551 (14091907)	172.18295 (14091907)	167.21067 (14091907)	163.15847 (13020407)
4190765.2	177.44304 (13020407)	173.42500 (13020407)	169.60234 (13020407)	165.95937 (13020407)	162.48200 (13020407)
4190745.2	175.10362 (13121617)	171.10122 (13121617)	167.28292 (13121617)	163.63628 (13121617)	160.14991 (13121617)
4190725.2	173.72862 (13121617)	170.10637 (13121617)	166.63146 (13121617)	163.29508 (13121617)	160.08912 (13121617)
4190705.2	169.42354 (13121617)	166.19749 (13121617)	163.09106 (13121617)	160.09722 (13121617)	157.20958 (13121617)
4190685.2	163.85545 (13121617)	160.94944 (13121617)	158.14722 (13121617)	155.44228 (13121617)	152.82880 (13121617)
4190665.2	157.90707 (13121617)	155.23941 (13121617)	152.66589 (13121617)	150.18048 (13121617)	147.77779 (13121617)
4190645.2	152.51628 (17111317)	149.90987 (17111317)	147.37085 (17111317)	144.89268 (17111317)	142.47038 (17111317)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PEIR ***

INCLUDING SOURCE(S): L0000850 , L0000851 , L0000852 , L0000853 , L0000854 ,
L0000855 , L0000856 , L0000857 , L0000858 , L0000859 , L0000860 , L0000861 , L0000862 ,
L0000863 , L0000864 , L0000865 , L0000866 , L0000867 , L0000868 , L0000869 , L0000870 ,
L0000871 , L0000872 , L0000873 , L0000874 , L0000875 , L0000876 , L0000877 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 560517.30	560537.30	560557.30	560577.30	560597.30
4191625.2	128.74330 (15012009)	129.83836 (15012009)	129.99236 (15012009)	129.07970 (15012009)	126.99845 (15012009)
4191605.2	132.06781 (15012009)	132.21481 (15012009)	131.36437 (15012009)	129.39672 (15012009)	126.16125 (15012009)
4191585.2	134.77690 (15012009)	133.57085 (15012009)	131.48896 (15012009)	128.34832 (15012009)	123.87508 (15012009)
4191565.2	136.22146 (15012009)	133.97449 (15012009)	130.70259 (15012009)	126.28344 (15012009)	120.51080 (15012009)
4191545.2	137.03704 (15012009)	133.78947 (15012009)	129.33437 (15012009)	123.53941 (15012009)	123.48330 (16120517)
4191525.2	137.20997 (15012009)	132.87698 (15012009)	127.04988 (15012009)	126.81193 (16120517)	

129.72191 (16120517)
 4191505.2 | 136.10118 (15012009)   130.27184 (15012009)   129.91765 (16120517)   132.83863 (16120517)
134.61847 (16120517)
 4191485.2 | 133.90762 (15012009)   133.36798 (16120517)   136.19328 (16120517)   137.81250 (16120517)
138.21955 (16120517)
 4191465.2 | 137.03424 (16120517)   139.99287 (16120517)   141.43713 (16120517)   141.42880 (16120517)
140.22961 (16120517)
 4191445.2 | 143.12471 (16120517)   144.77785 (16120517)   144.89808 (16120517)   143.37346 (16120517)
142.17974 (14012907)
 4191425.2 | 148.16160 (16120517)   148.43914 (16120517)   146.91333 (16120517)   146.86422 (14012907)
148.95123 (14012907)
 4191405.2 | 151.90615 (16120517)   150.57548 (16120517)   151.81696 (14012907)   153.69197 (14012907)
154.02484 (14012907)
 4191385.2 | 153.54209 (16120517)   156.20862 (14012907)   158.08471 (14012907)   158.28894 (14012907)
156.59182 (14012907)
 4191365.2 | 161.07522 (14012907)   162.43207 (14012907)   162.26049 (14012907)   160.28347 (14012907)
156.36784 (14012907)
 4191345.2 | 167.32898 (14012907)   166.52499 (14012907)   163.84201 (14012907)   159.33412 (14012907)
160.77257 (14010709)
 4191325.2 | 171.13059 (14012907)   167.87315 (14012907)   164.15375 (14010709)   166.25500 (14010709)
166.32633 (14010709)
 4191305.2 | 171.97820 (14012907)   170.33996 (14010709)   171.75955 (14010709)   171.00721 (14010709)
168.08688 (14010709)
 4191285.2 | 176.61947 (14010709)   177.25847 (14010709)   175.58429 (14010709)   171.64088 (14010709)
171.87488 (13011717)
 4191265.2 | 182.71876 (14010709)   180.01850 (14010709)   175.05839 (13011717)   181.70917 (13011717)
186.47650 (13011717)
 4191245.2 | 184.26576 (14010709)   185.77897 (13011717)   191.65393 (13011717)   195.42036 (13011717)
196.98270 (13011717)
 4191225.2 | 196.71422 (13011717)   201.61261 (13011717)   204.17934 (13011717)   204.36573 (13011717)
202.20782 (13011717)
 4191205.2 | 211.46844 (13011717)   212.62465 (13011717)   211.24429 (13011717)   207.42176 (13011717)
201.33146 (13011717)
 4191185.2 | 220.61102 (13011717)   217.47351 (13011717)   211.83068 (13011717)   203.91934 (13011717)
194.04183 (13011717)
 4191165.2 | 223.03892 (13011717)   215.29530 (13011717)   205.46249 (13011717)   193.76620 (13011717)
180.61464 (13011717)
 4191145.2 | 219.04892 (13011717)   206.21424 (13011717)   192.29853 (13011717)   177.49875 (13011717)
164.74993 (13011617)
 4191125.2 | 206.70561 (13011717)   190.31162 (13011717)   174.77374 (13011617)   160.49779 (13011617)
165.41000 (13121117)
 4191105.2 | 187.23852 (13011617)   172.12335 (13011617)   176.18439 (13121117)   180.39908 (13121117)
184.41731 (13121117)
 4191085.2 | 189.09727 (13121117)   194.42468 (13121117)   197.70581 (13121117)   199.17806 (13121117)
199.74766 (13121117)
 4191065.2 | 210.14111 (13121117)   211.86272 (13121117)   211.60647 (13121117)   209.66969 (13121117)
206.17234 (13121117)
 4191045.2 | 223.12972 (13121117)   220.68512 (13121117)   216.58898 (13121117)   210.80938 (13121117)
203.30109 (13121117)
 4191025.2 | 226.44690 (13121117)   219.82920 (13121117)   214.53137 (13012308)   214.27907 (13012308)
213.14779 (13012308)
 4191005.2 | 228.48999 (13012308)   227.60288 (13012308)   225.09661 (13012308)   221.40485 (13012308)
217.23800 (13012308)
 4190985.2 | 237.17579 (13012308)   232.93090 (13012308)   226.85985 (13012308)   221.43724 (13010717)
219.29904 (13010717)
 4190965.2 | 236.38676 (13010717)   234.24856 (13010717)   230.30760 (13010717)   225.38983 (13010717)
220.20849 (13010717)
 4190945.2 | 240.89114 (13010717)   234.78810 (13010717)   227.60018 (13010717)   219.89643 (13010717)
212.24137 (13010717)
 4190925.2 | 234.67401 (13010717)   225.28580 (13010717)   215.67162 (13010717)   206.03985 (13010717)
196.77557 (13010717)
 4190905.2 | 218.36985 (13010717)   207.35135 (13010717)   196.49847 (13010717)   185.96123 (13010717)
176.04015 (13010717)
 4190885.2 | 195.34707 (13010717)   183.85898 (13010717)   172.81919 (13010717)   162.31509 (13010717)
152.56364 (13010717)
 4190865.2 | 168.85300 (13010717)   166.14468 (14091907)   163.88518 (14091907)   161.68834 (14091907)
159.60843 (14091907)
 4190845.2 | 174.75292 (14091907)   171.34999 (14091907)   167.96367 (14091907)   164.60241 (14091907)
161.36180 (14091907)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PEIR
***

INCLUDING SOURCE(S): L0000850 , L0000851 , L0000852 , L0000853 ,
L0000854 ,
L0000855 , L0000856 , L0000857 , L0000858 , L0000859 , L0000860 , L0000861 ,
L0000862 ,
L0000863 , L0000864 , L0000865 , L0000866 , L0000867 , L0000868 , L0000869 ,
L0000870 ,
L0000871 , L0000872 , L0000873 , L0000874 , L0000875 , L0000876 , L0000877 ,
. . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	560517.30	560537.30	560557.30	560577.30	560597.30
4190825.2	173.92787 (14091907)	169.77259 (14091907)	165.72199 (14091907)	161.77343 (14091907)	157.92384 (14091907)
4190805.2	167.58800 (14091907)	163.14182 (14091907)	158.84280 (14091907)	154.68188 (14091907)	150.65060 (14091907)
4190785.2	159.87003 (13020407)	156.72346 (13020407)	153.70856 (13020407)	150.81606 (13020407)	148.03756 (13020407)
4190765.2	159.15761 (13020407)	155.97481 (13020407)	152.92328 (13020407)	149.99373 (13020407)	147.17771 (13020407)
4190745.2	156.81338 (13121617)	153.61715 (13121617)	150.55244 (13121617)	147.61120 (13121617)	144.78600 (13121617)
4190725.2	157.00604 (13121617)	154.03889 (13121617)	151.18118 (13121617)	148.42693 (13121617)	145.77056 (13121617)
4190705.2	154.42220 (13121617)	151.72972 (13121617)	149.12706 (13121617)	146.60965 (13121617)	144.17314 (13121617)
4190685.2	150.30142 (13121617)	147.85533 (13121617)	145.48604 (13121617)	143.18956 (13121617)	140.96210 (13121617)
4190665.2	145.45280 (13121617)	143.20103 (13121617)	141.01827 (13121617)	138.90079 (13121617)	136.84505 (13121617)
4190645.2	140.26722 (13121617)	138.16468 (13121617)	136.12581 (13121617)	134.14720 (13121617)	132.22556 (13121617)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PEIR
***

INCLUDING SOURCE(S): L0000850 , L0000851 , L0000852 , L0000853 ,
L0000854 ,
L0000855 , L0000856 , L0000857 , L0000858 , L0000859 , L0000860 , L0000861 ,
L0000862 ,
L0000863 , L0000864 , L0000865 , L0000866 , L0000867 , L0000868 , L0000869 ,
L0000870 ,
L0000871 , L0000872 , L0000873 , L0000874 , L0000875 , L0000876 , L0000877 ,
. . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 560617.30	560637.30	560657.30	560677.30	560697.30
4191625.2	123.68646 (15012009)	119.13452 (15012009)	114.26531 (16122217)	114.73969 (16122217)	116.25277 (16120517)
4191605.2	121.60090 (15012009)	116.21384 (16122217)	116.68899 (16122217)	118.65625 (16120517)	120.53650 (16120517)
4191585.2	117.86109 (16122217)	118.02488 (16122217)	120.47197 (16120517)	122.37921 (16120517)	123.09678 (16120517)
4191565.2	120.24378 (16120517)	133.01000 (16120517)	134.95434 (16120517)	135.50976 (16120517)	134.57055 (16120517)
4191545.2	126.18236 (16120517)	127.81854 (16120517)	128.50358 (16120517)	128.01860 (16120517)	126.37663 (16120517)
4191525.2	131.53951 (16120517)	132.14077 (16120517)	131.43602 (16120517)	129.63549 (16120517)	129.09393 (14012907)
4191505.2	135.12584 (16120517)	134.26702 (16120517)	131.99751 (16120517)	132.69891 (14012907)	134.47655 (14012907)
4191485.2	137.19628 (16120517)	134.69787 (16120517)	136.33759 (14012907)	137.87220 (14012907)	138.16303 (14012907)
4191465.2	137.88659 (14012907)	140.32785 (14012907)	141.49300 (14012907)	141.31524 (14012907)	139.87541 (14012907)
4191445.2	144.45362 (14012907)	145.37066 (14012907)	144.86738 (14012907)	143.08996 (14012907)	139.93508 (14012907)
4191425.2	149.59222 (14012907)	148.72830 (14012907)	146.35520 (14012907)	142.66753 (14012907)	142.88101 (14010709)
4191405.2	152.76211 (14012907)	149.91078 (14012907)	145.53922 (14012907)	147.71995 (14010709)	148.59298 (14010709)
4191385.2	153.22755 (14012907)	150.52280 (14010709)	152.54869 (14010709)	152.85037 (14010709)	151.35125 (14010709)
4191365.2	155.83300 (14010709)	157.38956 (14010709)	157.00267 (14010709)	154.67025 (14010709)	150.50391 (14010709)
4191345.2	161.92593 (14010709)	161.06672 (14010709)	157.98086 (14010709)	152.79571 (14010709)	156.70039 (13011717)
4191325.2	164.70393 (14010709)	160.99583 (14010709)	160.20942 (13011717)	165.22683 (13011717)	168.59250 (13011717)
4191305.2	163.32449 (14010709)	168.91219 (13011717)	173.52794 (13011717)	176.17133 (13011717)	176.97678 (13011717)
4191285.2	177.45995 (13011717)	181.22380 (13011717)	183.07100 (13011717)	182.97236 (13011717)	180.96410 (13011717)
4191265.2	189.22867 (13011717)	189.90574 (13011717)	188.52045 (13011717)	185.15326 (13011717)	179.94731 (13011717)
4191245.2	196.32548 (13011717)	193.50905 (13011717)	188.66425 (13011717)	181.98365 (13011717)	173.70962 (13011717)
4191225.2	197.82013 (13011717)	191.38821 (13011717)	183.15636 (13011717)	173.41580 (13011717)	162.48789 (13011717)
4191205.2	193.21596 (13011717)	183.37418 (13011717)	172.14541 (13011717)	159.99397 (13011617)	150.00250 (13011617)
4191185.2	182.55214 (13011717)	169.83686 (13011717)	158.33273 (13011617)	147.02964 (13011617)	135.10498 (13011617)
4191165.2	167.32853 (13011617)	155.52655 (13011617)	142.96954 (13011617)	147.84555 (13121117)	153.19810 (13121117)
4191145.2	151.53617 (13011617)	156.45957 (13121117)	161.89426 (13121117)	166.11078 (13121117)	168.98843 (13121117)
4191125.2	170.53849 (13121117)	174.15320 (13121117)	177.34007 (13121117)	179.00854 (13121117)	179.22810 (13121117)
4191105.2	199.10558 (13121117)	201.83275 (13121117)	201.34458 (13121117)	185.12140 (13121117)	182.88020 (13121117)
4191085.2	198.54525 (13121117)	195.67659 (13121117)	191.61520 (13121117)	186.84847 (13121117)	181.03744 (13121117)
4191065.2	201.46751 (13121117)	195.52674 (13121117)	189.25360 (13012308)	189.50285 (13012308)	188.85297 (13012308)
4191045.2	201.32619 (13012308)	200.85112 (13012308)	199.30937 (13012308)	196.78924 (13012308)	193.48625 (13012308)

 4191025.2 | 210.91941 (13012308)   207.58277 (13012308)   203.03156 (13012308)   197.70857 (13012308)
194.11340 (13010717)
 4191005.2 | 211.80012 (13012308)   207.47715 (13010717)   205.19044 (13010717)   202.13863 (13010717)
198.40902 (13010717)
 4190985.2 | 215.83003 (13010717)   211.49020 (13010717)   206.50573 (13010717)   200.97858 (13010717)
195.00648 (13010717)
 4190965.2 | 213.96349 (13010717)   207.13042 (13010717)   199.93627 (13010717)   192.47953 (13010717)
184.84851 (13010717)
 4190945.2 | 203.88050 (13010717)   195.26197 (13010717)   186.58585 (13010717)   177.92773 (13010717)
169.35101 (13010717)
 4190925.2 | 187.17416 (13010717)   177.62214 (13010717)   168.27461 (13010717)   159.17435 (13010717)
150.35384 (13010717)
 4190905.2 | 166.08798 (13010717)   156.41440 (13010717)   147.12617 (13010717)   138.23482 (13010717)
136.24649 (14091907)
 4190885.2 | 150.59095 (14091907)   149.12165 (14091907)   147.54559 (14091907)   145.87687 (14091907)
144.12818 (14091907)
 4190865.2 | 157.21024 (14091907)   154.68996 (14091907)   152.14340 (14091907)   149.57947 (14091907)
147.00569 (14091907)
 4190845.2 | 158.10181 (14091907)   154.84300 (14091907)   151.62805 (14091907)   148.45899 (14091907)
145.33716 (14091907)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: PEIR
***
                               INCLUDING SOURCE(S):   L0000850   , L0000851   , L0000852   , L0000853   ,
L0000854   ,
                L0000855   , L0000856   , L0000857   , L0000858   , L0000859   , L0000860   , L0000861   ,
L0000862   ,
                L0000863   , L0000864   , L0000865   , L0000866   , L0000867   , L0000868   , L0000869   ,
L0000870   ,
                L0000871   , L0000872   , L0000873   , L0000874   , L0000875   , L0000876   , L0000877   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560617.30   560637.30   560657.30   560677.30
560697.30
 -
- - - - - - - -

 4190825.2 | 154.16997 (14091907)   150.50846 (14091907)   146.93597 (14091907)   143.44914 (14091907)
140.04473 (14091907)
 4190805.2 | 146.74133 (14091907)   142.94704 (14091907)   139.26142 (14091907)   135.77121 (13020407)
133.64016 (13020407)
 4190785.2 | 145.36537 (13020407)   142.79248 (13020407)   140.31246 (13020407)   137.91945 (13020407)
135.60802 (13020407)
 4190765.2 | 144.46756 (13020407)   141.85628 (13020407)   139.33747 (13020407)   136.90534 (13020407)
134.55447 (13020407)
 4190745.2 | 142.07002 (13121617)   139.45694 (13121617)   136.94093 (13121617)   134.51659 (13121617)
132.17889 (13121617)
 4190725.2 | 143.20689 (13121617)   140.73108 (13121617)   138.33862 (13121617)   136.02534 (13121617)
133.78726 (13121617)
 4190705.2 | 141.81356 (13121617)   139.52716 (13121617)   137.31046 (13121617)   135.16023 (13121617)
133.07339 (13121617)
 4190685.2 | 138.80024 (13121617)   136.70079 (13121617)   134.66079 (13121617)   132.67750 (13121617)
130.74836 (13121617)
 4190665.2 | 134.84790 (13121617)   132.90635 (13121617)   131.01770 (13121617)   129.17942 (13121617)
127.38916 (13121617)
 4190645.2 | 130.35797 (13121617)   128.54164 (13121617)   126.77404 (13121617)   125.05280 (13121617)
123.37573 (13121617)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PEIR ***

INCLUDING SOURCE(S): L0000850 , L0000851 , L0000852 , L0000853 , L0000854 ,
L0000855 , L0000856 , L0000857 , L0000858 , L0000859 , L0000860 , L0000861 , L0000862 ,
L0000863 , L0000864 , L0000865 , L0000866 , L0000867 , L0000868 , L0000869 , L0000870 ,
L0000871 , L0000872 , L0000873 , L0000874 , L0000875 , L0000876 , L0000877 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	560717.30	560737.30	560757.30	560777.30	560797.30
4191625.2	117.99615 (16120517)	118.88421 (16120517)	118.81676 (16120517)	117.64971 (16120517)	115.26750 (16120517)
4191605.2	120.97536 (16120517)	120.58197 (16120517)	119.32199 (16120517)	116.96724 (16120517)	117.11150 (14012907)
4191585.2	132.85344 (16120517)	132.21924 (16120517)	132.87579 (14012907)	119.89269 (14012907)	121.23079 (14012907)
4191565.2	123.54364 (16120517)	134.76178 (14012907)	140.18649 (14012907)	139.57512 (14012907)	138.27110 (14012907)
4191545.2	124.79802 (14012907)	126.61672 (14012907)	127.24287 (14012907)	142.21636 (14012907)	142.55246 (14012907)
4191525.2	130.59801 (14012907)	131.14196 (14012907)	130.50782 (14012907)	128.07701 (14012907)	141.20515 (14012907)
4191505.2	134.79226 (14012907)	133.78485 (14012907)	131.48446 (14012907)	128.03487 (14012907)	126.39544 (14010709)
4191485.2	137.05451 (14012907)	134.50763 (14012907)	130.65061 (14012907)	131.26001 (14010709)	132.36174 (14010709)
4191465.2	137.25325 (14012907)	133.48529 (14010709)	135.82646 (14010709)	136.52593 (14010709)	136.00817 (14010709)
4191445.2	137.91536 (14010709)	139.95711 (14010709)	140.60276 (14010709)	139.50220 (14010709)	136.83492 (14010709)
4191425.2	144.00605 (14010709)	143.96209 (14010709)	142.48316 (14010709)	139.36292 (14010709)	134.56466 (14010709)
4191405.2	147.49329 (14010709)	144.99618 (14010709)	141.10239 (14010709)	139.20655 (13011717)	143.84739 (13011717)
4191385.2	147.81710 (14010709)	142.93418 (14010709)	146.18776 (13011717)	150.57044 (13011717)	153.04170 (13011717)
4191365.2	148.68316 (13011717)	153.64793 (13011717)	157.29425 (13011717)	159.47279 (13011717)	159.55474 (13011717)
4191345.2	161.13836 (13011717)	164.04797 (13011717)	165.36523 (13011717)	165.07674 (13011717)	162.85262 (13011717)
4191325.2	170.63725 (13011717)	170.97138 (13011717)	169.53840 (13011717)	166.16621 (13011717)	161.53782 (13011717)
4191305.2	176.20286 (13011717)	173.66659 (13011717)	169.40047 (13011717)	163.14966 (13011717)	156.02495 (13011717)
4191285.2	177.14280 (13011717)	171.65976 (13011717)	164.55770 (13011717)	155.90518 (13011717)	146.61896 (13011717)
4191265.2	173.09822 (13011717)	164.60353 (13011717)	154.90188 (13011717)	144.93265 (13011617)	136.72645 (13011617)
4191245.2	164.12222 (13011717)	153.13568 (13011717)	143.67008 (13011617)	134.45316 (13011617)	124.64560 (13011617)

 4191225.2 | 151.91590 (13011617)   142.01027 (13011617)   131.28251 (13011617)   120.60300 (13011617)
125.18376 (13121117)
 4191205.2 | 139.19115 (13011617)   127.81186 (13011617)   132.33393 (13121117)   137.06400 (13121117)
141.19741 (13121117)
 4191185.2 | 139.91865 (13121117)   145.01554 (13121117)   149.02104 (13121117)   151.88212 (13121117)
154.14431 (13121117)
 4191165.2 | 157.44820 (13121117)   160.12454 (13121117)   161.60734 (13121117)   162.46221 (13121117)
162.69971 (13121117)
 4191145.2 | 170.21998 (13121117)   170.52025 (13121117)   169.75945 (13121117)   168.49345 (13121117)
165.87858 (13121117)
 4191125.2 | 177.62619 (13121117)   175.42841 (13121117)   172.35032 (13121117)   168.35181 (13121117)
163.22937 (13121117)
 4191105.2 | 178.81382 (13121117)   174.29780 (13121117)   168.80929 (13121117)   169.27538 (13012308)
169.17099 (13012308)
 4191085.2 | 178.47296 (13012308)   178.67928 (13012308)   178.08063 (13012308)   176.47063 (13012308)
174.10701 (13012308)
 4191065.2 | 187.54655 (13012308)   185.33520 (13012308)   182.23973 (13012308)   178.31443 (13012308)
173.79828 (13012308)
 4191045.2 | 189.79931 (13012308)   185.33675 (13012308)   182.62807 (13010717)   181.02298 (13010717)
178.79406 (13010717)
 4191025.2 | 192.32120 (13010717)   189.77248 (13010717)   186.64032 (13010717)   182.87974 (13010717)
178.65092 (13010717)
 4191005.2 | 194.08925 (13010717)   189.26558 (13010717)   184.02092 (13010717)   178.43393 (13010717)
172.57777 (13010717)
 4190985.2 | 188.68102 (13010717)   182.08687 (13010717)   175.30089 (13010717)   168.39221 (13010717)
161.42192 (13010717)
 4190965.2 | 177.12128 (13010717)   169.36582 (13010717)   161.64065 (13010717)   153.99536 (13010717)
146.47152 (13010717)
 4190945.2 | 160.90828 (13010717)   152.64220 (13010717)   144.58702 (13010717)   136.76933 (13010717)
129.20948 (13010717)
 4190925.2 | 141.83726 (13010717)   133.64145 (13010717)   127.50040 (14122717)   125.12232 (14122717)
123.16231 (14091907)
 4190905.2 | 135.40147 (14091907)   134.43721 (14091907)   133.36560 (14091907)   132.19761 (14091907)
130.94349 (14091907)
 4190885.2 | 142.31105 (14091907)   140.43572 (14091907)   138.51148 (14091907)   136.54645 (14091907)
134.54807 (14091907)
 4190865.2 | 144.42855 (14091907)   141.85347 (14091907)   139.28515 (14091907)   136.72744 (14091907)
134.18372 (14091907)
 4190845.2 | 142.26343 (14091907)   139.23825 (14091907)   136.26179 (14091907)   133.33392 (14091907)
130.45442 (14091907)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: PEIR
***
                               INCLUDING SOURCE(S):   L0000850   , L0000851   , L0000852   , L0000853   ,
L0000854   ,
               L0000855   , L0000856   , L0000857   , L0000858   , L0000859   , L0000860   , L0000861   ,
L0000862   ,
               L0000863   , L0000864   , L0000865   , L0000866   , L0000867   , L0000868   , L0000869   ,
L0000870   ,
               L0000871   , L0000872   , L0000873   , L0000874   , L0000875   , L0000876   , L0000877   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560717.30   560737.30   560757.30   560777.30
560797.30
 -
- - - - - - - -

 4190825.2 | 136.71961 (14091907)   133.47082 (14091907)   130.29550 (14091907)   127.19103 (14091907)
124.15488 (14091907)
 4190805.2 | 131.57593 (13020407)   129.57480 (13020407)   127.63338 (13020407)   125.74844 (13020407)
123.91702 (13020407)
 4190785.2 | 133.37325 (13020407)   131.21051 (13020407)   129.11566 (13020407)   127.08474 (13020407)
125.11422 (13020407)
 4190765.2 | 132.28003 (13020407)   130.07743 (13020407)   127.94259 (13020407)   125.87159 (13020407)
123.86098 (13020407)
 4190745.2 | 129.92321 (13121617)   127.74516 (13121617)   125.64080 (13121617)   123.60627 (13121617)
121.63817 (13121617)
 4190725.2 | 131.62077 (13121617)   129.52236 (13121617)   127.48888 (13121617)   125.51722 (13121617)
123.60462 (13121617)
 4190705.2 | 131.04711 (13121617)   129.07866 (13121617)   127.16560 (13121617)   125.30543 (13121617)
123.49604 (13121617)
 4190685.2 | 128.87100 (13121617)   127.04313 (13121617)   125.26276 (13121617)   123.52779 (13121617)
121.83652 (13121617)
 4190665.2 | 125.64478 (13121617)   123.94421 (13121617)   122.28565 (13121617)   120.66723 (13121617)
119.08742 (13121617)
 4190645.2 | 121.74079 (13121617)   120.14606 (13121617)   118.58982 (13121617)   117.07034 (13121617)
115.58619 (13121617)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: PEIR
***
                               INCLUDING SOURCE(S):   L0000850   , L0000851   , L0000852   , L0000853   ,
L0000854   ,
                L0000855   , L0000856   , L0000857   , L0000858   , L0000859   , L0000860   , L0000861   ,
L0000862   ,
                L0000863   , L0000864   , L0000865   , L0000866   , L0000867   , L0000868   , L0000869   ,
L0000870   ,
                L0000871   , L0000872   , L0000873   , L0000874   , L0000875   , L0000876   , L0000877   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560817.30   560837.30   560857.30   560877.30
560897.30
 -
- - - - - - - -

 4191625.2 | 114.18576 (14012907)   115.73950 (14012907)   116.38301 (14012907)   116.08995 (14012907)
114.85977 (14012907)
 4191605.2 | 118.51468 (14012907)   118.96131 (14012907)   118.50749 (14012907)   117.07196 (14012907)
114.61903 (14012907)
 4191585.2 | 121.46324 (14012907)   120.67307 (14012907)   119.05541 (14012907)   116.51304 (14012907)
113.94217 (14010709)
 4191565.2 | 135.27297 (14012907)   121.03776 (14012907)   118.01208 (14012907)   117.34874 (14010709)
119.15790 (14010709)
 4191545.2 | 137.65986 (14012907)   119.70690 (14012907)   120.91489 (14010709)   122.36815 (14010709)
122.66614 (14010709)
 4191525.2 | 134.31296 (14012907)   124.53280 (14010709)   125.70283 (14010709)   125.53965 (14010709)
124.15595 (14010709)
 4191505.2 | 139.43792 (14010709)   128.88302 (14010709)   128.50193 (14010709)   126.71249 (14010709)
123.30013 (14010709)
 4191485.2 | 132.12458 (14010709)   131.14975 (14010709)   128.77517 (14010709)   125.04166 (14010709)
121.74216 (13011717)
 4191465.2 | 134.17536 (14010709)   130.98166 (14010709)   126.33292 (14010709)   127.82120 (13011717)
132.05604 (13011717)
 4191445.2 | 132.75786 (14010709)   129.99179 (13011717)   134.46835 (13011717)   137.81972 (13011717)
140.24318 (13011717)

 4191425.2 | 136.74793 (13011717)   140.66971 (13011717)   143.63584 (13011717)   145.41696 (13011717)
145.65444 (13011717)
 4191405.2 | 147.02249 (13011717)   148.88941 (13011717)   149.96216 (13011717)   149.81497 (13011717)
147.72906 (13011717)
 4191385.2 | 153.76566 (13011717)   168.06435 (13011717)   152.84728 (13011717)   150.60098 (13011717)
146.59710 (13011717)
 4191365.2 | 172.06628 (13011717)   170.87154 (13011717)   152.27803 (13011717)   147.84361 (13011717)
141.91976 (13011717)
 4191345.2 | 159.03288 (13011717)   165.71148 (13011717)   148.15782 (13011717)   141.66400 (13011717)
133.93737 (13011717)
 4191325.2 | 155.49055 (13011717)   157.06388 (13011717)   140.35631 (13011717)   132.62159 (13011617)
125.90974 (13011617)
 4191305.2 | 147.91845 (13011717)   145.39216 (13011617)   131.47384 (13011617)   124.19029 (13011617)
116.00137 (13011617)
 4191285.2 | 138.05403 (13011617)   134.29089 (13011617)   122.83214 (13011617)   112.77461 (13011617)
103.61533 (13011617)
 4191265.2 | 127.79020 (13011617)   119.95011 (13011617)   114.66241 (17122817)   120.72674 (13121117)
117.89158 (13121117)
 4191245.2 | 114.44036 (13011617)   126.52667 (13121117)   132.49989 (13121117)   127.57538 (13121117)
131.20762 (13121117)
 4191225.2 | 130.08911 (13121117)   144.38612 (13121117)   137.24181 (13121117)   140.09425 (13121117)
141.65162 (13121117)
 4191205.2 | 144.56285 (13121117)   147.04941 (13121117)   148.33323 (13121117)   148.59646 (13121117)
148.12248 (13121117)
 4191185.2 | 155.53288 (13121117)   155.95409 (13121117)   154.94849 (13121117)   152.95979 (13121117)
150.37022 (13121117)
 4191165.2 | 161.82286 (13121117)   159.57010 (13121117)   156.44139 (13121117)   152.53288 (13121117)
147.94685 (13121117)
 4191145.2 | 162.32385 (13121117)   157.80177 (13121117)   152.58986 (13121117)   152.31510 (13012308)
152.57503 (13012308)
 4191125.2 | 160.10227 (13012308)   160.57415 (13012308)   160.30522 (13012308)   159.33988 (13012308)
157.72880 (13012308)
 4191105.2 | 168.28208 (13012308)   166.66517 (13012308)   164.38257 (13012308)   161.50047 (13012308)
158.15188 (13012308)
 4191085.2 | 171.14208 (13012308)   167.82968 (13012308)   163.70309 (13012308)   161.95269 (13010717)
161.07912 (13010717)
 4191065.2 | 171.45654 (13010717)   170.35644 (13010717)   168.54943 (13010717)   166.17302 (13010717)
163.43507 (13010717)
 4191045.2 | 176.00397 (13010717)   172.71598 (13010717)   168.99296 (13010717)   164.89611 (13010717)
160.48433 (13010717)
 4191025.2 | 174.02499 (13010717)   169.06972 (13010717)   163.84897 (13010717)   158.42193 (13010717)
152.84310 (13010717)
 4191005.2 | 166.51993 (13010717)   160.32154 (13010717)   154.03769 (13010717)   147.71718 (13010717)
141.40306 (13010717)
 4190985.2 | 154.44364 (13010717)   147.50368 (13010717)   140.64170 (13010717)   133.89115 (13010717)
127.27991 (13010717)
 4190965.2 | 139.10336 (13010717)   131.91868 (13010717)   124.93951 (13010717)   118.18293 (13010717)
112.94253 (14122717)
 4190945.2 | 121.92214 (13010717)   119.03031 (14122717)   117.06444 (14122717)   114.99395 (14122717)
112.83420 (14122717)
 4190925.2 | 122.66692 (14091907)   122.05907 (14091907)   121.34796 (14091907)   120.54234 (14091907)
119.65039 (14091907)
 4190905.2 | 129.61260 (14091907)   128.21366 (14091907)   126.75455 (14091907)   125.24259 (14091907)
123.68435 (14091907)
 4190885.2 | 132.52273 (14091907)   130.47633 (14091907)   128.41388 (14091907)   126.34007 (14091907)
124.25879 (14091907)
 4190865.2 | 131.65668 (14091907)   129.14879 (14091907)   126.66187 (14091907)   124.19771 (14091907)
121.75755 (14091907)
 4190845.2 | 127.62283 (14091907)   124.83871 (14091907)   122.10144 (14091907)   119.41048 (14091907)
116.76514 (14091907)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: PEIR

***
                              INCLUDING SOURCE(S):   L0000850   , L0000851   , L0000852   , L0000853   ,
L0000854   ,
                   L0000855   , L0000856   , L0000857   , L0000858   , L0000859   , L0000860   , L0000861   ,
L0000862   ,
                   L0000863   , L0000864   , L0000865   , L0000866   , L0000867   , L0000868   , L0000869   ,
L0000870   ,
                   L0000871   , L0000872   , L0000873   , L0000874   , L0000875   , L0000876   , L0000877   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560817.30   560837.30   560857.30   560877.30
560897.30
 -
- - - - - - - -

 4190825.2 | 121.18475 (14091907)   118.27845 (14091907)   115.43398 (14091907)   113.83927 (13020407)
112.44119 (13020407)
 4190805.2 | 122.13631 (13020407)   120.40373 (13020407)   118.71683 (13020407)   117.07335 (13020407)
115.47115 (13020407)
 4190785.2 | 123.20071 (13020407)   121.34118 (13020407)   119.53271 (13020407)   117.77269 (13020407)
116.05861 (13020407)
 4190765.2 | 121.90741 (13020407)   120.00792 (13020407)   118.15962 (13020407)   116.36000 (13020407)
114.60653 (13020407)
 4190745.2 | 119.73311 (13121617)   117.88812 (13121617)   116.10024 (13121617)   114.36684 (13121617)
112.68534 (13121617)
 4190725.2 | 121.74834 (13121617)   119.94593 (13121617)   118.19495 (13121617)   116.49323 (13121617)
114.83861 (13121617)
 4190705.2 | 121.73521 (13121617)   120.02104 (13121617)   118.35156 (13121617)   116.72506 (13121617)
115.13977 (13121617)
 4190685.2 | 120.18708 (13121617)   118.57794 (13121617)   117.00747 (13121617)   115.47429 (13121617)
113.97692 (13121617)
 4190665.2 | 117.54458 (13121617)   116.03736 (13121617)   114.56430 (13121617)   113.12423 (13121617)
111.71583 (13121617)
 4190645.2 | 114.13583 (13121617)   112.71799 (13121617)   111.33133 (13121617)   109.97477 (13121617)
108.64706 (13121617)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: PEIR
***
                              INCLUDING SOURCE(S):   L0000850   , L0000851   , L0000852   , L0000853   ,
L0000854   ,
                   L0000855   , L0000856   , L0000857   , L0000858   , L0000859   , L0000860   , L0000861   ,
L0000862   ,
                   L0000863   , L0000864   , L0000865   , L0000866   , L0000867   , L0000868   , L0000869   ,
L0000870   ,
                   L0000871   , L0000872   , L0000873   , L0000874   , L0000875   , L0000876   , L0000877   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560917.30   560937.30   560957.30   560977.30
560997.30
 -
- - - - - - - -

 4191625.2 | 112.71804 (14012907)   109.71540 (14012907)   109.33434 (14010709)   111.08452 (14010709)
111.87903 (14010709)
 4191605.2 | 111.28270 (14012907)   112.69374 (14010709)   114.13550 (14010709)   114.56657 (14010709)
113.97279 (14010709)
 4191585.2 | 116.07079 (14010709)   117.16890 (14010709)   117.20122 (14010709)   116.16444 (14010709)
114.05218 (14010709)
 4191565.2 | 119.87507 (14010709)   119.52012 (14010709)   118.21580 (14010709)   115.67061 (14010709)
112.05910 (14010709)
 4191545.2 | 121.79501 (14010709)   119.82741 (14010709)   116.90165 (14010709)   112.83062 (14010709)
113.35574 (13011717)
 4191525.2 | 121.59064 (14010709)   117.91976 (14010709)   114.35723 (13011717)   118.43216 (13011717)
121.72213 (13011717)
 4191505.2 | 118.97846 (14010709)   120.05474 (13011717)   123.80057 (13011717)   126.62475 (13011717)
128.47377 (13011717)
 4191485.2 | 125.92911 (13011717)   129.16511 (13011717)   131.67034 (13011717)   133.01062 (13011717)
133.17883 (13011717)
 4191465.2 | 134.82831 (13011717)   136.38061 (13011717)   137.35878 (13011717)   136.98237 (13011717)
135.32378 (13011717)
 4191445.2 | 141.37575 (13011717)   141.20925 (13011717)   139.81437 (13011717)   137.41763 (13011717)
134.04430 (13011717)
 4191425.2 | 144.75188 (13011717)   142.64455 (13011717)   139.22896 (13011717)   134.97369 (13011717)
129.87858 (13011717)
 4191405.2 | 144.66941 (13011717)   140.62201 (13011717)   135.57208 (13011717)   129.66325 (13011717)
123.05133 (13011717)
 4191385.2 | 141.55669 (13011717)   135.62483 (13011717)   128.89493 (13011717)   122.01915 (13011617)
116.43466 (13011617)
 4191365.2 | 135.09181 (13011717)   127.54438 (13011717)   121.51439 (13011617)   115.14595 (13011617)
108.25850 (13011617)
 4191345.2 | 126.90269 (13011617)   120.35959 (13011617)   113.22654 (13011617)   105.67741 (13011617)
97.87990 (13011617)
 4191325.2 | 118.52767 (13011617)   110.66416 (13011617)   102.50272 (13011617)   95.15268 (17122817)
98.72475 (17122817)
 4191305.2 | 107.45701 (13011617)   99.20532 (17122817)   102.94295 (13121117)   107.36051 (13121117)
111.22677 (13121117)
 4191285.2 | 107.91390 (13121117)   112.47447 (13121117)   116.42850 (13121117)   119.73426 (13121117)
122.36336 (13121117)
 4191265.2 | 121.99170 (13121117)   125.31725 (13121117)   127.90528 (13121117)   129.74308 (13121117)
130.83195 (13121117)
 4191245.2 | 133.80599 (13121117)   135.51869 (13121117)   136.42386 (13121117)   136.54174 (13121117)
135.90510 (13121117)
 4191225.2 | 142.33846 (13121117)   142.18203 (13121117)   141.22302 (13121117)   139.51361 (13121117)
137.11521 (13121117)
 4191205.2 | 146.79579 (13121117)   144.75336 (13121117)   142.24897 (13121117)   138.62919 (13121117)
134.32640 (13121117)
 4191185.2 | 146.88400 (13121117)   142.81849 (13121117)   138.52624 (13121117)   137.66196 (13012308)
138.10609 (13012308)
 4191165.2 | 144.15748 (13012308)   144.44603 (13012308)   144.54548 (13012308)   144.39667 (13012308)
143.68918 (13012308)
 4191145.2 | 152.11089 (13012308)   150.96317 (13012308)   149.37347 (13012308)   147.69717 (13012308)
145.37383 (13012308)
 4191125.2 | 155.65058 (13012308)   153.02287 (13012308)   149.95296 (13012308)   146.55100 (13012308)
145.80027 (13010717)
 4191105.2 | 154.50079 (13012308)   153.50211 (13010717)   152.76022 (13010717)   151.38389 (13010717)
149.49785 (13010717)
 4191085.2 | 159.55329 (13010717)   157.46997 (13010717)   154.98824 (13010717)   152.09481 (13010717)
148.82104 (13010717)
 4191065.2 | 160.17394 (13010717)   156.53184 (13010717)   152.50679 (13010717)   148.28808 (13010717)
143.86599 (13010717)
 4191045.2 | 155.81338 (13010717)   150.88219 (13010717)   145.65429 (13010717)   140.44348 (13010717)
135.23791 (13010717)
 4191025.2 | 147.08018 (13010717)   141.18287 (13010717)   135.15667 (13010717)   129.49133 (13010717)
123.90149 (13010717)
 4191005.2 | 135.00079 (13010717)   128.61515 (13010717)   122.26150 (13010717)   116.37903 (13010717)
110.66830 (13010717)
 4190985.2 | 120.74085 (13010717)   114.27932 (13010717)   107.97899 (13010717)   105.26942 (14122717)
104.05521 (14122717)
 4190965.2 | 111.41631 (14122717)   109.70506 (14122717)   107.61618 (14122717)   105.69253 (14122717)
103.80388 (14122717)
 4190945.2 | 111.85702 (14091907)   111.44080 (14091907)   110.58507 (14091907)   109.89132 (14091907)

109.28623 (14091907)
 4190925.2 | 118.67984 (14091907)   117.57377 (14091907)   116.05183 (14091907)   114.73237 (14091907)
113.49198 (14091907)
 4190905.2 | 122.08596 (14091907)   120.38880 (14091907)   118.31267 (14091907)   116.47337 (14091907)
114.74442 (14091907)
 4190885.2 | 122.17377 (14091907)   120.04790 (14091907)   117.65509 (14091907)   115.40190 (14091907)
113.22761 (14091907)
 4190865.2 | 119.34270 (14091907)   116.93553 (14091907)   114.41441 (14091907)   111.90757 (14091907)
109.40120 (14091907)
 4190845.2 | 114.16488 (14091907)   111.60896 (14091907)   109.06272 (14091907)   106.39101 (14091907)
103.72670 (14091907)

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: PEIR
***
                                INCLUDING SOURCE(S):   L0000850   , L0000851   , L0000852   , L0000853   ,
L0000854   ,
                L0000855   , L0000856   , L0000857   , L0000858   , L0000859   , L0000860   , L0000861   ,
L0000862   ,
                L0000863   , L0000864   , L0000865   , L0000866   , L0000867   , L0000868   , L0000869   ,
L0000870   ,
                L0000871   , L0000872   , L0000873   , L0000874   , L0000875   , L0000876   , L0000877   ,
. . .   ,

                                 *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                      ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560917.30   560937.30   560957.30   560977.30
560997.30
 -
- - - - - - - -

 4190825.2 | 111.07277 (13020407)   109.73285 (13020407)   108.42024 (13020407)   106.91930 (13020407)
105.30869 (13020407)
 4190805.2 | 113.90823 (13020407)   112.38274 (13020407)   110.89290 (13020407)   109.22296 (13020407)
107.45151 (13020407)
 4190785.2 | 114.38820 (13020407)   112.75930 (13020407)   111.16991 (13020407)   109.40855 (13020407)
107.55264 (13020407)
 4190765.2 | 112.89706 (13020407)   111.22940 (13020407)   109.60166 (13020407)   107.83762 (13020407)
106.07821 (13020407)
 4190745.2 | 111.05338 (13121617)   109.46874 (13121617)   107.92924 (13121617)   106.34480 (13121617)
104.72160 (13121617)
 4190725.2 | 113.22914 (13121617)   111.66293 (13121617)   110.13816 (13121617)   108.63344 (13121617)
107.09633 (13121617)
 4190705.2 | 113.59417 (13121617)   112.08669 (13121617)   110.61589 (13121617)   109.18046 (13121617)
107.71819 (13121617)
 4190685.2 | 112.51414 (13121617)   111.08464 (13121617)   109.68728 (13121617)   108.32095 (13121617)
106.92533 (13121617)
 4190665.2 | 110.33807 (13121617)   108.98978 (13121617)   107.67000 (13121617)   106.37776 (13121617)
105.05506 (13121617)
 4190645.2 | 107.34728 (13121617)   106.07434 (13121617)   104.82738 (13121617)   103.60548 (13121617)
102.37266 (13121617)

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: PEIR

***
INCLUDING SOURCE(S): L0000850 , L0000851 , L0000852 , L0000853 , L0000854 ,
L0000855 , L0000856 , L0000857 , L0000858 , L0000859 , L0000860 , L0000861 , L0000862 ,
L0000863 , L0000864 , L0000865 , L0000866 , L0000867 , L0000868 , L0000869 , L0000870 ,
L0000871 , L0000872 , L0000873 , L0000874 , L0000875 , L0000876 , L0000877 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	561017.30	561037.30	561057.30	561077.30	561097.30
4191625.2	111.62727 (14010709)	110.36346 (14010709)	108.19364 (14010709)	105.14336 (14010709)	101.97315 (13121017)
4191605.2	112.26577 (14010709)	109.63067 (14010709)	106.10701 (14010709)	103.43282 (13121017)	105.53908 (13011717)
4191585.2	110.73035 (14010709)	107.23527 (13121017)	107.07880 (13011717)	110.26515 (13011717)	112.88758 (13011717)
4191565.2	108.69704 (13121017)	111.90759 (13011717)	115.23195 (13011717)	117.49341 (13011717)	118.82474 (13011717)
4191545.2	116.86607 (13011717)	119.76345 (13011717)	121.77985 (13011717)	122.77600 (13011717)	122.66318 (13011717)
4191525.2	124.38691 (13011717)	125.87200 (13011717)	126.31628 (13011717)	125.80848 (13011717)	124.17448 (13011717)
4191505.2	129.42544 (13011717)	129.45867 (13011717)	128.43900 (13011717)	126.12688 (13011717)	123.07333 (13011717)
4191485.2	132.24105 (13011717)	130.50591 (13011717)	127.85720 (13011717)	124.10454 (13011717)	119.58939 (13011717)
4191465.2	132.42680 (13011717)	128.78908 (13011717)	124.46948 (13011717)	119.67636 (13011717)	113.83090 (13011717)
4191445.2	129.63056 (13011717)	124.46436 (13011717)	118.67331 (13011717)	112.83821 (13011617)	108.15441 (13011617)
4191425.2	124.01827 (13011717)	117.53973 (13011717)	112.47041 (13011617)	107.11924 (13011617)	101.28755 (13011617)
4191405.2	117.11400 (13011617)	111.64275 (13011617)	105.63181 (13011617)	99.21997 (13011617)	92.54258 (13011617)
4191385.2	110.24427 (13011617)	103.59758 (13011617)	96.64174 (13011617)	89.51705 (13011617)	84.43166 (17122817)
4191365.2	101.01206 (13011617)	93.55992 (13011617)	87.78582 (17122817)	91.15049 (17122817)	93.91184 (17122817)
4191345.2	91.35320 (17122817)	94.82074 (17122817)	98.11166 (13121117)	101.79139 (13121117)	104.73024 (13121117)
4191325.2	102.58240 (13121117)	106.35671 (13121117)	109.53862 (13121117)	121.23705 (13121117)	124.15316 (13121117)
4191305.2	114.50084 (13121117)	117.04097 (13121117)	118.87715 (13121117)	131.64557 (13121117)	134.34298 (13121117)
4191285.2	124.30046 (13121117)	125.22984 (13121117)	138.67523 (13121117)	138.76557 (13121117)	140.36435 (13121117)
4191265.2	131.18618 (13121117)	130.50455 (13121117)	142.75922 (13121117)	140.89496 (13121117)	140.95713 (13121117)
4191245.2	134.55764 (13121117)	132.21995 (13121117)	142.30959 (13121117)	138.60899 (13121117)	136.99774 (13121117)
4191225.2	134.09604 (13121117)	130.27041 (13121117)	137.41650 (13121117)	138.29445 (13012308)	141.86066 (13012308)
4191205.2	130.52113 (13012308)	131.31751 (13012308)	131.46068 (13012308)	144.75075 (13012308)	148.61228 (13012308)
4191185.2	138.05426 (13012308)	137.35242 (13012308)	136.09166 (13012308)	146.62429 (13012308)	149.84273 (13012308)
4191165.2	142.06177 (13012308)	139.80331 (13012308)	136.92648 (13012308)	145.27006 (13012308)	144.96744 (13012308)
4191145.2	141.97079 (13012308)	138.38458 (13012308)	137.63427 (13010717)	136.52660 (13010717)	

144.83547 (13010717)
 4191125.2 | 144.59202 (13010717)   143.01261 (13010717)   141.10989 (13010717)   138.89632 (13010717)
136.35387 (13010717)
 4191105.2 | 147.03205 (13010717)   143.94924 (13010717)   140.40501 (13010717)   137.28496 (13010717)
133.93321 (13010717)
 4191085.2 | 145.07757 (13010717)   140.83636 (13010717)   136.25518 (13010717)   132.18315 (13010717)
127.98372 (13010717)
 4191065.2 | 139.18370 (13010717)   134.24235 (13010717)   129.12297 (13010717)   123.96977 (13010717)
119.14597 (13010717)
 4191045.2 | 129.95928 (13010717)   124.74609 (13010717)   119.38626 (13010717)   113.36138 (13010717)
108.21275 (13010717)
 4191025.2 | 117.94473 (13010717)   112.58871 (13010717)   107.44063 (13010717)   101.99987 (13010717)
96.54058 (13010717)
 4191005.2 | 104.69013 (13010717)   99.79323 (14122717)   99.11423 (14122717)   98.11408 (14122717)
96.68558 (14122717)
 4190985.2 | 102.72161 (14122717)   101.28099 (14122717)   99.74508 (14122717)   98.12493 (14122717)
96.26128 (14122717)
 4190965.2 | 102.02438 (14091907)   101.74427 (14091907)   101.32555 (14091907)   101.00212 (14091907)
100.68504 (14091907)
 4190945.2 | 108.47271 (14091907)   107.53643 (14091907)   106.57874 (14091907)   105.85584 (14091907)
105.09936 (14091907)
 4190925.2 | 111.91334 (14091907)   110.53608 (14091907)   109.32763 (14091907)   108.24408 (14091907)
106.93410 (14091907)
 4190905.2 | 112.71155 (14091907)   111.05722 (14091907)   109.55919 (14091907)   108.07343 (14091907)
106.29267 (14091907)
 4190885.2 | 111.01488 (14091907)   109.12145 (14091907)   107.35333 (14091907)   105.45296 (14091907)
103.34263 (14091907)
 4190865.2 | 107.14729 (14091907)   105.08887 (14091907)   103.01867 (14091907)   100.83766 (14091907)
98.58928 (14091907)
 4190845.2 | 101.51941 (14091907)   99.24238 (14091907)   98.26563 (13020407)   97.30171 (13020407)
96.32419 (13020407)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: PEIR
***
                               INCLUDING SOURCE(S):   L0000850   , L0000851   , L0000852   , L0000853   ,
L0000854   ,
               L0000855   , L0000856   , L0000857   , L0000858   , L0000859   , L0000860   , L0000861   ,
L0000862   ,
               L0000863   , L0000864   , L0000865   , L0000866   , L0000867   , L0000868   , L0000869   ,
L0000870   ,
               L0000871   , L0000872   , L0000873   , L0000874   , L0000875   , L0000876   , L0000877   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 561017.30   561037.30   561057.30   561077.30
561097.30
 -
- - - - - - - -

 4190825.2 | 104.34546 (13020407)   103.25481 (13020407)   102.11666 (13020407)   100.95049 (13020407)
99.80496 (13020407)
 4190805.2 | 106.33219 (13020407)   105.16401 (13020407)   103.92473 (13020407)   102.61769 (13020407)
101.33680 (13020407)
 4190785.2 | 106.33779 (13020407)   105.07905 (13020407)   103.75444 (13020407)   102.36688 (13020407)
101.00813 (13020407)
 4190765.2 | 104.69692 (13020407)   103.36531 (13020407)   102.00150 (13020407)   100.57868 (13020407)
99.18529 (13020407)
 4190745.2 | 103.31493 (13121617)   102.05765 (13121617)   100.84403 (13121617)   99.53763 (13121617)

98.26472 (13121617)
 4190725.2 | 105.41045 (13121617)   104.11763 (13121617)   102.95700 (13121617)   101.75543 (13121617)
100.49531 (13121617)
 4190705.2 | 105.95443 (13121617)   104.66929 (13121617)   103.56653 (13121617)   102.45529 (13121617)
101.24115 (13121617)
 4190685.2 | 105.23400 (13121617)   104.00446 (13121617)   102.94988 (13121617)   101.86653 (13121617)
100.71800 (13121617)
 4190665.2 | 103.44604 (13121617)   102.27875 (13121617)   101.22317 (13121617)   100.00489 (13121617)
99.00095 (13121617)
 4190645.2 | 100.92645 (13121617)   99.78384 (13121617)   98.69196 (13121617)   97.29808 (13121617)
96.48340 (13121617)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: PEIR
***
                               INCLUDING SOURCE(S):   L0000850   , L0000851   , L0000852   , L0000853   ,
L0000854   ,
                L0000855   , L0000856   , L0000857   , L0000858   , L0000859   , L0000860   , L0000861   ,
L0000862   ,
                L0000863   , L0000864   , L0000865   , L0000866   , L0000867   , L0000868   , L0000869   ,
L0000870   ,
                L0000871   , L0000872   , L0000873   , L0000874   , L0000875   , L0000876   , L0000877   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 561117.30   561137.30   561157.30   561177.30
561197.30
 -
- - - - - - - -

 4191625.2 | 100.92791 (13011717)   104.22316 (13011717)   106.86126 (13011717)   108.79828 (13011717)
110.00590 (13011717)
 4191605.2 | 108.56489 (13011717)   110.87198 (13011717)   112.42320 (13011717)   113.19867 (13011717)
113.19591 (13011717)
 4191585.2 | 114.81252 (13011717)   115.92834 (13011717)   116.22506 (13011717)   115.71127 (13011717)
114.41325 (13011717)
 4191565.2 | 119.27883 (13011717)   119.04975 (13011717)   117.98340 (13011717)   116.11890 (13011717)
113.51137 (13011717)
 4191545.2 | 121.63540 (13011717)   119.97635 (13011717)   117.51297 (13011717)   114.31384 (13011717)
110.46002 (13011717)
 4191525.2 | 121.65331 (13011717)   118.56204 (13011717)   114.75167 (13011717)   110.31587 (13011717)
105.35586 (13011717)
 4191505.2 | 119.23324 (13011717)   114.79721 (13011717)   109.77515 (13011717)   104.58955 (13011617)
100.64447 (13011617)
 4191485.2 | 114.42493 (13011717)   108.81896 (13011717)   104.47852 (13011617)   99.95321 (13011617)
94.98556 (13011617)
 4191465.2 | 108.51037 (13011617)   103.90441 (13011617)   98.80650 (13011617)   93.32809 (13011617)
87.57944 (13011617)
 4191445.2 | 102.84603 (13011617)   97.19209 (13011617)   91.22954 (13011617)   85.07326 (13011617)
78.83092 (13011617)
 4191425.2 | 95.10390 (13011617)   88.58818 (13011617)   82.04333 (13011617)   78.17550 (17122817)
86.67575 (17122817)
 4191405.2 | 85.69439 (13011617)   86.08739 (17122817)   89.99399 (17122817)   93.56090 (17122817)
97.01198 (17122817)
 4191385.2 | 87.69557 (17122817)   90.40094 (17122817)   93.35848 (13121117)   96.42778 (13121117)
98.96594 (13121117)
 4191365.2 | 97.32973 (13121117)   100.45695 (13121117)   103.10263 (13121117)   105.24651 (13121117)
106.87679 (13121117)
 4191345.2 | 117.23298 (13121117)   120.17132 (13121117)   122.40081 (13121117)   123.91485 (13121117)

124.71957 (13121117)
 4191325.2 | 127.26593 (13121117)   128.61774 (13121117)   129.21543 (13121117)   129.08253 (13121117)
128.25322 (13121117)
 4191305.2 | 135.48025 (13121117)   135.23932 (13121117)   132.34677 (13121117)   126.56087 (13121117)
123.94997 (13121117)
 4191285.2 | 139.76655 (13121117)   137.69180 (13121117)   132.78181 (13121117)   116.66577 (13121117)
113.47843 (13121117)
 4191265.2 | 138.53965 (13121117)   135.12830 (13121117)   130.77090 (13121117)   130.33809 (13012308)
131.70602 (13012308)
 4191245.2 | 134.21978 (13012308)   136.57672 (13012308)   138.49559 (13012308)   139.63075 (13012308)
139.57171 (13012308)
 4191225.2 | 143.48108 (13012308)   143.74250 (13012308)   143.99091 (13012308)   143.72513 (13012308)
142.27453 (13012308)
 4191205.2 | 148.60076 (13012308)   147.12649 (13012308)   144.73982 (13012308)   141.82144 (13012308)
138.84049 (13012308)
 4191185.2 | 148.36179 (13012308)   145.25381 (13012308)   140.60277 (13012308)   137.14605 (13010717)
136.88561 (13010717)
 4191165.2 | 143.36572 (13010717)   143.02435 (13010717)   142.23528 (13010717)   141.02793 (13010717)
139.43325 (13010717)
 4191145.2 | 147.34647 (13010717)   145.56083 (13010717)   143.39644 (13010717)   139.30807 (13010717)
125.26779 (13010717)
 4191125.2 | 142.13806 (13010717)   138.96328 (13010717)   135.55798 (13010717)   124.61967 (13010717)
121.47123 (13010717)
 4191105.2 | 130.38597 (13010717)   126.67745 (13010717)   122.83997 (13010717)   118.90354 (13010717)
114.89611 (13010717)
 4191085.2 | 123.69011 (13010717)   119.33267 (13010717)   114.93918 (13010717)   110.53461 (13010717)
106.14149 (13010717)
 4191065.2 | 114.49167 (13010717)   109.75146 (13010717)   105.05914 (13010717)   100.43297 (13010717)
95.88867 (13010717)
 4191045.2 | 103.50821 (13010717)   98.64423 (13010717)   93.89613 (13010717)   89.27495 (13010717)
88.18999 (14122717)
 4191025.2 | 96.36731 (14122717)   92.79177 (14122717)   92.02948 (14122717)   91.11749 (14122717)
90.10462 (14122717)
 4191005.2 | 95.03706 (14122717)   93.91589 (14122717)   92.57534 (14122717)   91.11985 (14122717)
89.59762 (14122717)
 4190985.2 | 94.32453 (14122717)   93.68224 (14091907)   93.57823 (14091907)   93.39697 (14091907)
93.14260 (14091907)
 4190965.2 | 100.28552 (14091907)   99.73672 (14091907)   99.01090 (14091907)   98.22333 (14091907)
97.68942 (14091907)
 4190945.2 | 104.22904 (14091907)   103.19683 (14091907)   102.01725 (14091907)   100.83541 (14091907)
99.83138 (14091907)
 4190925.2 | 105.51939 (14091907)   104.08204 (14091907)   102.62513 (14091907)   101.15173 (14091907)
99.66447 (14091907)
 4190905.2 | 104.41124 (14091907)   102.66329 (14091907)   100.91617 (14091907)   99.17178 (14091907)
97.43179 (14091907)
 4190885.2 | 101.20856 (14091907)   99.24858 (14091907)   97.30598 (14091907)   95.38161 (14091907)
93.47630 (14091907)
 4190865.2 | 96.30476 (14091907)   94.25245 (14091907)   92.19978 (14091907)   90.17688 (14091907)
88.18395 (14091907)
 4190845.2 | 95.35906 (13020407)   94.54921 (13020407)   93.65017 (13020407)   92.74218 (13020407)
91.84513 (13020407)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: PEIR
***
                               INCLUDING SOURCE(S):   L0000850   , L0000851   , L0000852   , L0000853   ,
L0000854   ,
               L0000855   , L0000856   , L0000857   , L0000858   , L0000859   , L0000860   , L0000861   ,
L0000862   ,
               L0000863   , L0000864   , L0000865   , L0000866   , L0000867   , L0000868   , L0000869   ,
L0000870   ,
               L0000871   , L0000872   , L0000873   , L0000874   , L0000875   , L0000876   , L0000877   ,
. . .   ,

Y-COORD (METERS)	X-COORD (METERS)				
	561117.30	561137.30	561157.30	561177.30	561197.30
4190825.2	98.69913 (13020407)	97.65884 (13020407)	96.58155 (13020407)	95.50806 (13020407)	94.45178 (13020407)
4190805.2	100.08083 (13020407)	98.84895 (13020407)	97.64006 (13020407)	96.45342 (13020407)	95.28807 (13020407)
4190785.2	99.67684 (13020407)	98.37209 (13020407)	97.09267 (13020407)	95.83777 (13020407)	94.60633 (13020407)
4190765.2	97.82003 (13020407)	96.48199 (13020407)	95.16998 (13020407)	93.88324 (13020407)	92.62068 (13020407)
4190745.2	97.02382 (13121617)	95.81375 (13121617)	94.63329 (13121617)	93.48127 (13121617)	92.35667 (13121617)
4190725.2	99.24854 (13121617)	98.03092 (13121617)	96.84134 (13121617)	95.67881 (13121617)	94.54240 (13121617)
4190705.2	100.01992 (13121617)	98.82527 (13121617)	97.65626 (13121617)	96.51206 (13121617)	95.39188 (13121617)
4190685.2	99.54161 (13121617)	98.38906 (13121617)	97.25954 (13121617)	96.15239 (13121617)	95.06694 (13121617)
4190665.2	98.03177 (13121617)	96.93048 (13121617)	95.84991 (13121617)	94.78951 (13121617)	93.74870 (13121617)
4190645.2	95.68971 (13121617)	94.64186 (13121617)	93.61295 (13121617)	92.60247 (13121617)	91.60990 (13121617)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PEIR ***

INCLUDING SOURCE(S): L0000850 , L0000851 , L0000852 , L0000853 , L0000854 ,
L0000855 , L0000856 , L0000857 , L0000858 , L0000859 , L0000860 , L0000861 , L0000862 ,
L0000863 , L0000864 , L0000865 , L0000866 , L0000867 , L0000868 , L0000869 , L0000870 ,
L0000871 , L0000872 , L0000873 , L0000874 , L0000875 , L0000876 , L0000877 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	561217.30	561237.30	561257.30	561277.30	561297.30
4191625.2	110.47194 (13011717)	110.20035 (13011717)	109.21051 (13011717)	107.53606 (13011717)	105.22323 (13011717)
4191605.2	112.42943 (13011717)	110.92966 (13011717)	108.74125 (13011717)	105.92112 (13011717)	102.53604 (13011717)
4191585.2	112.37334 (13011717)	109.64790 (13011717)	106.30485 (13011717)	102.42094 (13011717)	98.07896 (13011717)
4191565.2	110.22936 (13011717)	106.35198 (13011717)	101.96583 (13011717)	97.35774 (13011617)	94.01260 (13011617)
4191545.2	106.04179 (13011717)	101.15526 (13011717)	97.37502 (13011617)	93.52607 (13011617)	

89.27111 (13011617)
 4191525.2 | 100.89783 (13011617)   96.99715 (13011617)   92.64866 (13011617)   87.94265 (13011617)
82.96944 (13011617)
 4191505.2 | 96.20546 (13011617)   91.36874 (13011617)   86.23120 (13011617)   80.88748 (13011617)
75.42757 (13011617)
 4191485.2 | 89.74122 (13011617)   84.22182 (13011617)   78.48260 (13011617)   72.72681 (13011617)
70.31566 (17122817)
 4191465.2 | 81.77687 (13011617)   75.87976 (13011617)   72.87831 (17122817)   75.68975 (17122817)
78.18724 (17122817)
 4191445.2 | 75.43059 (17122817)   78.31664 (17122817)   86.66926 (17122817)   89.82165 (17122817)
92.58187 (17122817)
 4191425.2 | 90.07623 (17122817)   93.04498 (17122817)   96.29503 (13121117)   100.29702 (13121117)
103.70675 (13121117)
 4191405.2 | 100.40691 (13121117)   103.94217 (13121117)   107.72590 (13121117)   110.68831 (13121117)
112.77076 (13121117)
 4191385.2 | 111.16271 (13121117)   114.65175 (13121117)   113.77593 (13121117)   113.77349 (13121117)
104.98581 (13121117)
 4191365.2 | 117.99968 (13121117)   120.80306 (13121117)   108.73471 (13121117)   108.47805 (13121117)
107.62988 (13121117)
 4191345.2 | 112.46076 (13121117)   112.11339 (13121117)   111.04386 (13121117)   109.52432 (13121117)
107.59159 (13121117)
 4191325.2 | 114.33487 (13121117)   112.79459 (13121117)   110.58441 (13121117)   107.99235 (13121117)
105.06458 (13121117)
 4191305.2 | 113.40436 (13121117)   110.60722 (13121117)   107.46018 (13121117)   105.48751 (13012308)
106.29885 (13012308)
 4191285.2 | 109.71999 (13121117)   121.08824 (13012308)   110.81538 (13012308)   111.17675 (13012308)
111.04829 (13012308)
 4191265.2 | 130.85686 (13012308)   115.51512 (13012308)   130.41169 (13012308)   125.86031 (13012308)
113.38326 (13012308)
 4191245.2 | 137.31232 (13012308)   128.31252 (13012308)   135.16268 (13012308)   132.82097 (13012308)
128.20727 (13012308)
 4191225.2 | 138.94465 (13012308)   134.60900 (13012308)   134.53807 (13012308)   131.75339 (13012308)
130.22817 (13010717)
 4191205.2 | 135.46668 (13012308)   134.41073 (13010717)   134.90711 (13010717)   135.24430 (13010717)
134.97838 (13010717)
 4191185.2 | 138.29638 (13010717)   138.41377 (13010717)   137.75475 (13010717)   136.89740 (13010717)
135.18330 (13010717)
 4191165.2 | 137.48319 (13010717)   137.30903 (13010717)   137.02296 (13010717)   134.42730 (13010717)
131.10444 (13010717)
 4191145.2 | 130.19662 (13010717)   133.53029 (13010717)   131.92157 (13010717)   127.71026 (13010717)
122.99480 (13010717)
 4191125.2 | 117.74678 (13010717)   125.43680 (13010717)   122.76297 (13010717)   117.47821 (13010717)
108.80442 (13010717)
 4191105.2 | 110.64907 (13010717)   113.12512 (13010717)   102.60708 (13010717)   98.63328 (13010717)
94.60914 (13010717)
 4191085.2 | 101.73706 (13010717)   97.34384 (13010717)   93.18086 (13010717)   89.04763 (13010717)
84.99789 (13010717)
 4191065.2 | 91.43969 (13010717)   87.09724 (13010717)   83.65688 (14122717)   83.34449 (14122717)
82.94984 (14122717)
 4191045.2 | 87.64883 (14122717)   86.99520 (14122717)   86.23718 (14122717)   85.38270 (14122717)
84.49950 (14122717)
 4191025.2 | 88.99976 (14122717)   87.81146 (14122717)   86.54791 (14122717)   85.30714 (14122717)
84.01947 (14122717)
 4191005.2 | 88.08257 (14122717)   87.03295 (14091907)   87.02263 (14091907)   87.03194 (14091907)
86.96320 (14091907)
 4190985.2 | 93.00120 (14091907)   92.76449 (14091907)   92.30717 (14091907)   91.79269 (14091907)
91.22473 (14091907)
 4190965.2 | 96.97828 (14091907)   96.21249 (14091907)   95.34047 (14091907)   94.42840 (14091907)
93.47971 (14091907)
 4190945.2 | 98.74484 (14091907)   97.56482 (14091907)   96.27833 (14091907)   94.99824 (14091907)
93.72728 (14091907)
 4190925.2 | 98.27817 (14091907)   96.86133 (14091907)   95.19851 (14091907)   93.62577 (14091907)
92.10428 (14091907)
 4190905.2 | 95.63896 (14091907)   93.85457 (14091907)   92.22655 (14091907)   90.54565 (14091907)
88.84900 (14091907)
 4190885.2 | 91.56349 (14091907)   89.67246 (14091907)   87.85638 (14091907)   86.05909 (14091907)
84.25869 (14091907)
 4190865.2 | 86.70492 (13020407)   86.09080 (13020407)   85.26624 (13020407)   84.53847 (13020407)
83.84115 (13020407)

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: PEIR
***
                                INCLUDING SOURCE(S):   L0000850   , L0000851   , L0000852   , L0000853   ,
L0000854   ,
                L0000855   , L0000856   , L0000857   , L0000858   , L0000859   , L0000860   , L0000861   ,
L0000862   ,
                L0000863   , L0000864   , L0000865   , L0000866   , L0000867   , L0000868   , L0000869   ,
L0000870   ,
                L0000871   , L0000872   , L0000873   , L0000874   , L0000875   , L0000876   , L0000877   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 561217.30   561237.30   561257.30   561277.30
561297.30
 -
- - - - - - - -

 4190825.2 | 93.32311 (13020407)   92.16018 (13020407)   91.03406 (13020407)   89.81332 (13020407)
88.68042 (13020407)
 4190805.2 | 94.14332 (13020407)   92.97953 (13020407)   91.62160 (13020407)   90.43859 (13020407)
89.32479 (13020407)
 4190785.2 | 93.39761 (13020407)   92.17280 (13020407)   90.76152 (13020407)   89.52320 (13020407)
88.40845 (13020407)
 4190765.2 | 91.38164 (13020407)   90.14166 (13020407)   88.76495 (13020407)   87.48593 (13020407)
86.31829 (13020407)
 4190745.2 | 91.25836 (13121617)   90.17241 (13121617)   89.00859 (13121617)   87.85496 (13121617)
86.72829 (13121617)
 4190725.2 | 93.43114 (13121617)   92.34425 (13121617)   91.25420 (13121617)   90.05167 (13121617)
88.77682 (13121617)
 4190705.2 | 94.29491 (13121617)   93.22049 (13121617)   92.16784 (13121617)   91.04792 (13121617)
89.84980 (13121617)
 4190685.2 | 94.00252 (13121617)   92.95857 (13121617)   91.93445 (13121617)   90.92965 (13121617)
89.90523 (13121617)
 4190665.2 | 92.72692 (13121617)   91.72368 (13121617)   90.73845 (13121617)   89.77077 (13121617)
88.79609 (13121617)
 4190645.2 | 90.63475 (13121617)   89.67659 (13121617)   88.73493 (13121617)   87.80938 (13121617)
86.88828 (13121617)

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: PEIR
***
                                INCLUDING SOURCE(S):   L0000850   , L0000851   , L0000852   , L0000853   ,
L0000854   ,
                L0000855   , L0000856   , L0000857   , L0000858   , L0000859   , L0000860   , L0000861   ,
L0000862   ,
                L0000863   , L0000864   , L0000865   , L0000866   , L0000867   , L0000868   , L0000869   ,
L0000870   ,
                L0000871   , L0000872   , L0000873   , L0000874   , L0000875   , L0000876   , L0000877   ,
. . .   ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	561317.30	561337.30	561357.30	561377.30	561397.30
4191625.2	102.32889 (13011717)	98.74632 (13011717)	104.35369 (13011717)	99.83351 (13011617)	96.19532 (13011617)
4191605.2	98.66013 (13011717)	94.20694 (13011717)	99.47011 (13011617)	95.29338 (13011617)	90.67381 (13011617)
4191585.2	94.12398 (13011617)	90.65115 (13011617)	93.96824 (13011617)	88.88397 (13011617)	83.52071 (13011617)
4191565.2	90.22128 (13011617)	85.91753 (13011617)	86.69847 (13011617)	80.97262 (13011617)	75.14097 (13011617)
4191545.2	84.69486 (13011617)	79.74661 (13011617)	78.08301 (13011617)	72.00884 (13011617)	69.07979 (14111317)
4191525.2	77.81676 (13011617)	72.44443 (13011617)	70.96371 (14111317)	71.48570 (14111317)	72.67858 (17122817)
4191505.2	69.93473 (13011617)	67.88876 (14111317)	75.19816 (17122817)	78.34151 (17122817)	81.07084 (17122817)
4191485.2	73.04040 (17122817)	75.44848 (17122817)	83.31881 (17122817)	85.84623 (17122817)	88.71155 (13121117)
4191465.2	86.32192 (17122817)	82.23750 (13121117)	84.85535 (13121117)	94.51009 (13121117)	97.67551 (13121117)
4191445.2	87.99827 (13121117)	90.26531 (13121117)	92.07875 (13121117)	102.18480 (13121117)	104.81247 (13121117)
4191425.2	103.89296 (13121117)	96.75481 (13121117)	97.63183 (13121117)	108.41609 (13121117)	109.61254 (13121117)
4191405.2	113.02925 (13121117)	112.97697 (13121117)	113.09955 (13121117)	112.67296 (13121117)	111.72477 (13121117)
4191385.2	104.86309 (13121117)	104.21632 (13121117)	103.15622 (13121117)	101.71107 (13121117)	107.17570 (13121117)
4191365.2	106.34988 (13121117)	104.67040 (13121117)	102.62682 (13121117)	100.25651 (13121117)	97.41841 (13121117)
4191345.2	105.28536 (13121117)	102.64724 (13121117)	99.71973 (13121117)	97.46800 (13012308)	98.12773 (13012308)
4191325.2	101.84782 (13121117)	101.80384 (13012308)	102.46900 (13012308)	102.81373 (13012308)	102.65980 (13012308)
4191305.2	106.76119 (13012308)	106.88479 (13012308)	106.68262 (13012308)	106.17001 (13012308)	105.25115 (13012308)
4191285.2	110.57975 (13012308)	109.78986 (13012308)	108.69919 (13012308)	107.32971 (13012308)	105.70434 (13012308)
4191265.2	121.27368 (13012308)	110.16976 (13012308)	108.39639 (13012308)	106.22750 (13012308)	104.79448 (13010717)
4191245.2	126.21596 (13012308)	118.44363 (13010717)	109.24472 (13010717)	108.95219 (13010717)	108.31778 (13010717)
4191225.2	129.55806 (13010717)	125.98374 (13010717)	112.16598 (13010717)	111.03296 (13010717)	109.45777 (13010717)
4191205.2	133.22872 (13010717)	129.64538 (13010717)	112.58509 (13010717)	110.66294 (13010717)	108.34903 (13010717)
4191185.2	132.44925 (13010717)	127.83421 (13010717)	110.51312 (13010717)	108.02261 (13010717)	105.13648 (13010717)
4191165.2	127.63313 (13010717)	122.54719 (13010717)	106.17177 (13010717)	103.26154 (13010717)	99.97652 (13010717)
4191145.2	119.24537 (13010717)	113.48918 (13010717)	99.84268 (13010717)	96.66472 (13010717)	93.07014 (13010717)
4191125.2	107.92869 (13010717)	100.42776 (13010717)	91.95630 (13010717)	88.55733 (13010717)	84.84074 (13010717)
4191105.2	90.63427 (13010717)	86.72159 (13010717)	82.97110 (13010717)	79.50196 (13010717)	75.81329 (13010717)
4191085.2	81.15332 (13010717)	79.25305 (14122717)	79.00097 (14122717)	78.94678 (14122717)	78.55856 (14122717)
4191065.2	82.60575 (14122717)	81.94717 (14122717)	81.19755 (14122717)	80.60962 (14122717)	79.76083 (14122717)

 4191045.2 | 83.63135 (14122717)   82.57191 (14122717)   81.41952 (14122717)   80.31093 (14122717)
79.04787 (14122717)
 4191025.2 | 82.61604 (14122717)   81.17454 (14091907)   81.25544 (14091907)   81.38653 (14091907)
81.34802 (14091907)
 4191005.2 | 86.74741 (14091907)   86.47106 (14091907)   86.16141 (14091907)   85.91700 (14091907)
85.50825 (14091907)
 4190985.2 | 90.60675 (14091907)   89.94213 (14091907)   89.25857 (14091907)   88.65610 (14091907)
87.90018 (14091907)
 4190965.2 | 92.49744 (14091907)   91.48467 (14091907)   90.46863 (14091907)   89.54844 (14091907)
88.48953 (14091907)
 4190945.2 | 92.43964 (14091907)   91.13781 (14091907)   89.84784 (14091907)   88.66586 (14091907)
87.36192 (14091907)
 4190925.2 | 90.58171 (14091907)   89.05982 (14091907)   87.56305 (14091907)   86.18278 (14091907)
84.69787 (14091907)
 4190905.2 | 87.16448 (14091907)   85.49313 (14091907)   83.83575 (14091907)   82.23448 (14091907)
80.67821 (14091907)
 4190885.2 | 82.48080 (14091907)   80.72585 (14091907)   78.99418 (14091907)   77.28614 (14091907)
76.71829 (13020407)
 4190865.2 | 83.20101 (13020407)   82.53719 (13020407)   81.87687 (13020407)   81.21989 (13020407)
80.67419 (13020407)
 4190845.2 | 86.46247 (13020407)   85.66368 (13020407)   84.75624 (13020407)   83.95379 (13020407)
83.26941 (13020407)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: PEIR
***
                               INCLUDING SOURCE(S):   L0000850   , L0000851   , L0000852   , L0000853   ,
L0000854   ,
                L0000855   , L0000856   , L0000857   , L0000858   , L0000859   , L0000860   , L0000861   ,
L0000862   ,
                L0000863   , L0000864   , L0000865   , L0000866   , L0000867   , L0000868   , L0000869   ,
L0000870   ,
                L0000871   , L0000872   , L0000873   , L0000874   , L0000875   , L0000876   , L0000877   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 561317.30   561337.30   561357.30   561377.30
561397.30
 -
- - - - - - - -

 4190825.2 | 87.96352 (13020407)   87.10932 (13020407)   86.20810 (13020407)   85.29321 (13020407)
84.50018 (13020407)
 4190805.2 | 87.85935 (13020407)   86.98829 (13020407)   86.27870 (13020407)   85.28514 (13020407)
84.41784 (13020407)
 4190785.2 | 87.33733 (13020407)   85.97989 (13020407)   90.05726 (13020407)   83.86269 (13020407)
83.05644 (13020407)
 4190765.2 | 85.34100 (13020407)   83.99055 (13020407)   87.34630 (13020407)   81.50505 (13020407)
80.69614 (13020407)
 4190745.2 | 85.91030 (13121617)   84.88789 (13121617)   83.77031 (13121617)   82.46202 (13121617)
81.76218 (13121617)
 4190725.2 | 87.52352 (13121617)   86.41824 (13121617)   85.48367 (13121617)   84.74275 (13121617)
83.90287 (13121617)
 4190705.2 | 88.47577 (13121617)   90.33903 (13121617)   90.69386 (13121617)   85.69932 (13121617)
84.85803 (13121617)
 4190685.2 | 88.68771 (13121617)   87.36130 (13121617)   90.90701 (13121617)   85.44341 (13121617)
84.75578 (13121617)
 4190665.2 | 87.73581 (13121617)   86.62122 (13121617)   85.50121 (13121617)   84.35956 (13121617)
83.61223 (13121617)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                          *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: PEIR
***
                              INCLUDING SOURCE(S):   L0000850   , L0000851   , L0000852   , L0000853   ,
L0000854   ,
                L0000855   , L0000856   , L0000857   , L0000858   , L0000859   , L0000860   , L0000861   ,
L0000862   ,
                L0000863   , L0000864   , L0000865   , L0000866   , L0000867   , L0000868   , L0000869   ,
L0000870   ,
                L0000871   , L0000872   , L0000873   , L0000874   , L0000875   , L0000876   , L0000877   ,
. . .   ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

     X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC
(YYMMDDHH)
 -
- - - - - - - -
       560122.00   4190978.00   359.94366 (13011717)   560142.00   4190978.00   370.56292
(13011717)
       560162.00   4190978.00   371.67417 (13011717)   560182.00   4190978.00   365.43876
(13011717)
       560202.00   4190978.00   354.11435 (13011717)   560222.00   4190978.00   339.54352
(13011717)
       560242.00   4190978.00   322.08016 (13011717)   560262.00   4190978.00   301.85725
(13011717)
       560102.00   4190998.00   332.29705 (14012907)   560122.00   4190998.00   329.71759
(14012907)
       560142.00   4190998.00   329.11373 (13011717)   560162.00   4190998.00   343.31176
(13011717)
       560182.00   4190998.00   349.59573 (13011717)   560202.00   4190998.00   348.81055
(13011717)
       560222.00   4190998.00   342.47307 (13011717)   560242.00   4190998.00   331.92508
(13011717)
       560262.00   4190998.00   317.90659 (13011717)   560282.00   4190998.00   300.40677
(13011717)
       560302.00   4190998.00   279.41684 (13011717)   560322.00   4190998.00   256.13703
(13011717)
       560102.00   4191018.00   309.33266 (14012907)   560122.00   4191018.00   316.00183
(14012907)
       560142.00   4191018.00   313.89860 (14012907)   560162.00   4191018.00   306.10228
(14010709)
       560182.00   4191018.00   316.47864 (13011717)   560202.00   4191018.00   326.69068
(13011717)
       560222.00   4191018.00   330.43349 (13011717)   560242.00   4191018.00   328.47598
(13011717)
       560262.00   4191018.00   321.79497 (13011717)   560282.00   4191018.00   311.16102
(13011717)
       560302.00   4191018.00   297.02673 (13011717)   560322.00   4191018.00   279.66501
(13011717)
       560342.00   4191018.00   259.39432 (13011717)   560362.00   4191018.00   236.73748
(13011717)
       560382.00   4191018.00   235.90214 (13121117)   560402.00   4191018.00   240.28354
(13121117)
       560102.00   4191038.00   282.87151 (14012907)   560122.00   4191038.00   294.05937
(14012907)
       560142.00   4191038.00   299.83896 (14012907)   560162.00   4191038.00   299.19588
(14012907)

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       560182.00   4191038.00      292.03254  (14012907)              560202.00   4191038.00      290.91926
(13011717)
       560222.00   4191038.00      303.82220  (13011717)              560242.00   4191038.00      311.10920
(13011717)
       560262.00   4191038.00      312.97829  (13011717)              560282.00   4191038.00      309.99654
(13011717)
       560302.00   4191038.00      302.78083  (13011717)              560322.00   4191038.00      291.82596
(13011717)
       560342.00   4191038.00      277.50733  (13011717)              560362.00   4191038.00      260.18977
(13011717)
       560382.00   4191038.00      240.34348  (13011717)              560402.00   4191038.00      218.54246
(13011717)
       560422.00   4191038.00      220.06313  (13121117)              560442.00   4191038.00      225.11106
(13121117)
       560462.00   4191038.00      227.96345  (13121117)              560082.00   4191058.00      263.12497
(15012009)
       560102.00   4191058.00      263.15670  (15012009)              560122.00   4191058.00      268.56924
(14012907)
       560142.00   4191058.00      279.02299  (14012907)              560162.00   4191058.00      285.06149
(14012907)
       560182.00   4191058.00      285.59344  (14012907)              560202.00   4191058.00      280.34556
(14012907)
       560222.00   4191058.00      276.80531  (14010709)              560242.00   4191058.00      281.56187
(13011717)
       560262.00   4191058.00      291.48852  (13011717)              560282.00   4191058.00      296.52168
(13011717)
       560302.00   4191058.00      296.86608  (13011717)              560322.00   4191058.00      292.91466
(13011717)
       560342.00   4191058.00      285.08521  (13011717)              560362.00   4191058.00      273.76244
(13011717)
       560382.00   4191058.00      259.32620  (13011717)              560402.00   4191058.00      242.21662
(13011717)
       560422.00   4191058.00      222.98050  (13011717)              560442.00   4191058.00      202.27334
(13011717)
       560462.00   4191058.00      205.95204  (13121117)              560082.00   4191078.00      251.08079
(15012009)
       560102.00   4191078.00      254.31915  (15012009)              560122.00   4191078.00      252.45216
(15012009)
       560142.00   4191078.00      255.24298  (14012907)              560162.00   4191078.00      265.30070
(14012907)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

PAGE  1269
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

                           *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  PEIR
***
                               INCLUDING SOURCE(S):     L0000850    , L0000851    , L0000852    , L0000853    ,
L0000854    ,
               L0000855    , L0000856    , L0000857    , L0000858    , L0000859    , L0000860    , L0000861    ,
L0000862    ,
               L0000863    , L0000864    , L0000865    , L0000866    , L0000867    , L0000868    , L0000869    ,
L0000870    ,
               L0000871    , L0000872    , L0000873    , L0000874    , L0000875    , L0000876    , L0000877    ,
. . .       ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                     ** CONC OF PM_10    IN MICROGRAMS/M**3                          **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)  Y-COORD (M)        CONC
(YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -
       560182.00   4191078.00      271.53228  (14012907)              560202.00   4191078.00      272.98081
(14012907)
```

560222.00 4191078.00 269.28503 (14012907) 560242.00 4191078.00 264.28374 (14010709)
560262.00 4191078.00 262.70659 (14010709) 560282.00 4191078.00 272.05738 (13011717)
560302.00 4191078.00 279.59194 (13011717) 560322.00 4191078.00 282.78876 (13011717)
560342.00 4191078.00 281.81369 (13011717) 560362.00 4191078.00 276.95026 (13011717)
560382.00 4191078.00 268.52440 (13011717) 560402.00 4191078.00 256.89039 (13011717)
560422.00 4191078.00 242.45312 (13011717) 560442.00 4191078.00 225.69733 (13011717)
560462.00 4191078.00 207.19414 (13011717) 560482.00 4191078.00 189.07204 (13011617)
560502.00 4191078.00 193.14488 (13121117) 560082.00 4191098.00 238.99569 (15012009)
560102.00 4191098.00 243.71930 (15012009) 560122.00 4191098.00 245.28945 (15012009)
560142.00 4191098.00 242.45483 (15012009) 560162.00 4191098.00 243.00055 (14012907)
560182.00 4191098.00 252.71638 (14012907) 560202.00 4191098.00 259.08297 (14012907)
560222.00 4191098.00 261.25555 (14012907) 560242.00 4191098.00 258.82960 (14012907)
560262.00 4191098.00 252.10689 (14010709) 560282.00 4191098.00 252.51718 (14010709)
560302.00 4191098.00 253.15554 (13011717) 560322.00 4191098.00 262.58675 (13011717)
560342.00 4191098.00 268.13559 (13011717) 560362.00 4191098.00 269.77244 (13011717)
560382.00 4191098.00 267.63120 (13011717) 560402.00 4191098.00 261.94183 (13011717)
560422.00 4191098.00 252.99830 (13011717) 560442.00 4191098.00 241.15578 (13011717)
560462.00 4191098.00 226.83995 (13011717) 560482.00 4191098.00 210.55171 (13011717)
560502.00 4191098.00 192.85341 (13011717) 560522.00 4191098.00 177.15725 (13011617)
560062.00 4191118.00 221.12957 (15012009) 560082.00 4191118.00 227.42242 (15012009)
560102.00 4191118.00 232.69816 (15012009) 560122.00 4191118.00 236.10234 (15012009)
560142.00 4191118.00 236.74251 (15012009) 560162.00 4191118.00 233.11212 (15012009)
560182.00 4191118.00 233.79560 (16120517) 560202.00 4191118.00 241.11610 (14012907)
560222.00 4191118.00 247.57439 (14012907) 560242.00 4191118.00 250.32521 (14012907)
560262.00 4191118.00 248.94768 (14012907) 560282.00 4191118.00 243.39615 (14012907)
560302.00 4191118.00 242.38407 (14010709) 560322.00 4191118.00 240.20627 (14010709)
560342.00 4191118.00 245.81174 (13011717) 560362.00 4191118.00 253.23165 (13011717)
560382.00 4191118.00 257.08620 (13011717) 560402.00 4191118.00 257.36933 (13011717)
560422.00 4191118.00 254.20215 (13011717) 560442.00 4191118.00 247.79736 (13011717)
560462.00 4191118.00 238.44511 (13011717) 560482.00 4191118.00 226.50869 (13011717)
560502.00 4191118.00 212.42272 (13011717) 560522.00 4191118.00 196.45647 (13011717)
560062.00 4191138.00 210.34682 (15012009) 560082.00 4191138.00 216.49117 (15012009)
560102.00 4191138.00 221.90697 (15012009) 560122.00 4191138.00 226.17088 (15012009)
560142.00 4191138.00 228.83926 (15012009) 560162.00 4191138.00 228.65278 (15012009)
560182.00 4191138.00 224.37046 (15012009) 560202.00 4191138.00 225.35159

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PEIR ***

INCLUDING SOURCE(S): L0000850 , L0000851 , L0000852 , L0000853 , L0000854 ,
L0000855 , L0000856 , L0000857 , L0000858 , L0000859 , L0000860 , L0000861 , L0000862 ,
L0000863 , L0000864 , L0000865 , L0000866 , L0000867 , L0000868 , L0000869 , L0000870 ,
L0000871 , L0000872 , L0000873 , L0000874 , L0000875 , L0000876 , L0000877 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
560222.00	4191138.00	230.37379	(14012907)	560242.00	4191138.00	236.89131	(14012907)
560262.00	4191138.00	240.10776	(14012907)	560282.00	4191138.00	239.60324	(14012907)
560302.00	4191138.00	235.25905	(14012907)	560322.00	4191138.00	232.40195	(14010709)
560342.00	4191138.00	231.89833	(14010709)	560362.00	4191138.00	229.48966	(13011717)
560382.00	4191138.00	238.34500	(13011717)	560402.00	4191138.00	244.02583	(13011717)
560422.00	4191138.00	246.41024	(13011717)	560442.00	4191138.00	245.51298	(13011717)
560462.00	4191138.00	241.45847	(13011717)	560482.00	4191138.00	234.46140	(13011717)
560502.00	4191138.00	224.78224	(13011717)	560062.00	4191158.00	200.10417	(15012009)
560082.00	4191158.00	206.14992	(15012009)	560102.00	4191158.00	211.57376	(15012009)
560122.00	4191158.00	216.20105	(15012009)	560142.00	4191158.00	219.93482	(15012009)
560162.00	4191158.00	221.90771	(15012009)	560182.00	4191158.00	220.99387	(15012009)
560202.00	4191158.00	216.17769	(15012009)	560222.00	4191158.00	217.48622	(16120517)
560242.00	4191158.00	220.38542	(14012907)	560262.00	4191158.00	226.93735	(14012907)
560282.00	4191158.00	230.53144	(14012907)	560302.00	4191158.00	230.75907	(14012907)
560322.00	4191158.00	227.45448	(14012907)	560342.00	4191158.00	222.63708	(14010709)
560362.00	4191158.00	223.55496	(14010709)	560382.00	4191158.00	220.91563	(14010709)
560402.00	4191158.00	223.68581	(13011717)	560422.00	4191158.00	230.82605	(13011717)
560442.00	4191158.00	234.98548	(13011717)	560462.00	4191158.00	236.08594	(13011717)
560482.00	4191158.00	234.16518	(13011717)	560502.00	4191158.00	228.66266	(13011717)
560062.00	4191178.00	190.68940	(15012009)	560082.00	4191178.00	196.42777	(15012009)
560102.00	4191178.00	201.71531	(15012009)	560122.00	4191178.00	206.49982	

(15012009)
       560142.00   4191178.00   210.75468 (15012009)   560162.00   4191178.00   213.96338
(15012009)
       560182.00   4191178.00   215.28868 (15012009)   560202.00   4191178.00   213.73873
(15012009)
       560222.00   4191178.00   208.48525 (15012009)   560242.00   4191178.00   210.13575
(16120517)
       560322.00   4191178.00   222.37882 (14012907)   560342.00   4191178.00   219.97312
(14012907)
       560362.00   4191178.00   214.32930 (14012907)   560382.00   4191178.00   215.25050
(14010709)
       560402.00   4191178.00   214.06055 (14010709)   560422.00   4191178.00   209.62412
(14010709)
       560442.00   4191178.00   217.68098 (13011717)   560462.00   4191178.00   223.30230
(13011717)
       560482.00   4191178.00   226.12341 (13011717)   560502.00   4191178.00   225.06862
(13011717)
       560062.00   4191198.00   181.56150 (15012009)   560082.00   4191198.00   187.07962
(15012009)
       560102.00   4191198.00   192.26094 (15012009)   560122.00   4191198.00   197.14826
(15012009)
       560142.00   4191198.00   201.66376 (15012009)   560162.00   4191198.00   205.53915
(15012009)
       560182.00   4191198.00   208.23590 (15012009)   560202.00   4191198.00   208.96511
(15012009)
       560222.00   4191198.00   206.86077 (15012009)   560362.00   4191198.00   212.80250
(14012907)
       560382.00   4191198.00   208.14947 (14012907)   560402.00   4191198.00   207.04222
(14010709)
       560422.00   4191198.00   207.11347 (14010709)   560442.00   4191198.00   204.11414
(14010709)
       560462.00   4191198.00   204.73982 (13011717)   560482.00   4191198.00   211.51158
(13011717)
       560042.00   4191218.00   165.92312 (15012009)   560062.00   4191218.00   172.11259
(15012009)
       560082.00   4191218.00   177.79410 (15012009)   560102.00   4191218.00   183.11557
(15012009)
       560122.00   4191218.00   188.11958 (15012009)   560142.00   4191218.00   192.79883
(15012009)
       560162.00   4191218.00   197.03806 (15012009)   560182.00   4191218.00   200.53175
(15012009)
       560202.00   4191218.00   202.73623 (15012009)   560222.00   4191218.00   202.92068
(15012009)
       560342.00   4191218.00   205.05962 (14012907)   560362.00   4191218.00   206.87600
(14012907)
       560382.00   4191218.00   205.92896 (14012907)   560402.00   4191218.00   202.15449
(14012907)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                          *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: PEIR
***
                              INCLUDING SOURCE(S):   L0000850   , L0000851   , L0000852   , L0000853   ,
L0000854   ,
               L0000855   , L0000856   , L0000857   , L0000858   , L0000859   , L0000860   , L0000861   ,
L0000862   ,
               L0000863   , L0000864   , L0000865   , L0000866   , L0000867   , L0000868   , L0000869   ,
L0000870   ,
               L0000871   , L0000872   , L0000873   , L0000874   , L0000875   , L0000876   , L0000877   ,
. . .   ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
560422.00	4191218.00	198.97334	(14010709)	560442.00	4191218.00	200.13470	(14010709)
560462.00	4191218.00	198.30389	(14010709)	560482.00	4191218.00	193.47306	(14010709)
560082.00	4191238.00	168.67458	(15012009)	560102.00	4191238.00	174.18651	(15012009)
560122.00	4191238.00	179.34546	(15012009)	560142.00	4191238.00	184.17502	(15012009)
560162.00	4191238.00	188.64320	(15012009)	560182.00	4191238.00	192.60028	(15012009)
560202.00	4191238.00	195.71438	(15012009)	560222.00	4191238.00	197.45063	(15012009)
560342.00	4191238.00	192.96449	(14012907)	560362.00	4191238.00	197.49370	(14012907)
560382.00	4191238.00	199.69203	(14012907)	560402.00	4191238.00	199.33807	(14012907)
560422.00	4191238.00	196.34377	(14012907)	560442.00	4191238.00	191.07620	(14010709)
560462.00	4191238.00	192.95826	(14010709)	560182.00	4191258.00	184.66074	(15012009)
560202.00	4191258.00	188.33178	(15012009)	560322.00	4191258.00	184.89741	(16120517)
560342.00	4191258.00	186.91596	(16120517)	560362.00	4191258.00	186.53683	(16120517)
560382.00	4191258.00	190.32425	(14012907)	560402.00	4191258.00	192.84995	(14012907)
560422.00	4191258.00	193.01520	(14012907)	560442.00	4191258.00	190.70171	(14012907)
560462.00	4191258.00	185.65370	(14012907)	560322.00	4191278.00	176.12019	(15012009)
560342.00	4191278.00	179.43736	(16120517)	560362.00	4191278.00	181.47505	(16120517)
560382.00	4191278.00	181.26643	(16120517)	560402.00	4191278.00	183.51855	(14012907)
560422.00	4191278.00	186.32551	(14012907)	560442.00	4191278.00	186.72733	(14012907)
559982.00	4191298.00	114.42644	(13121308)	560002.00	4191298.00	116.08708	(15020708)
560022.00	4191298.00	121.87578	(15020708)	560042.00	4191298.00	127.78051	(15012009)
560062.00	4191298.00	134.96613	(15012009)	560302.00	4191298.00	181.23569	(15012009)
560322.00	4191298.00	177.27339	(15012009)	560342.00	4191298.00	170.64331	(15012009)
560362.00	4191298.00	174.25717	(16120517)	560382.00	4191298.00	176.31570	(16120517)
560402.00	4191298.00	176.26378	(16120517)	560422.00	4191298.00	177.04804	(14012907)
560442.00	4191298.00	179.65812	(14012907)	559962.00	4191318.00	110.36590	(13121308)
559982.00	4191318.00	111.67868	(13121308)	560002.00	4191318.00	112.87154	(13121308)
560022.00	4191318.00	114.52119	(15020708)	560042.00	4191318.00	120.12954	(15020708)
560062.00	4191318.00	125.71432	(15012009)	560082.00	4191318.00	132.71892	(15012009)
560102.00	4191318.00	139.28126	(15012009)	560122.00	4191318.00	145.40545	(15012009)
560142.00	4191318.00	151.10686	(15012009)	560162.00	4191318.00	156.40792	(15012009)
560302.00	4191318.00	178.22581	(15012009)	560322.00	4191318.00	176.36905	(15012009)
560342.00	4191318.00	172.16868	(15012009)	560362.00	4191318.00	165.54393	(16120517)

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        560382.00   4191318.00      169.33330  (16120517)               560402.00   4191318.00      171.41369
(16120517)
        560422.00   4191318.00      171.50643  (16120517)               559962.00   4191338.00      107.67184
(13121308)
        559982.00   4191338.00      108.91768  (13121308)               560002.00   4191338.00      110.05044
(13121308)
        560022.00   4191338.00      111.18831  (13121308)               560042.00   4191338.00      113.00743
(15020708)
        560062.00   4191338.00      118.45193  (15020708)               560082.00   4191338.00      123.73441
(15012009)
        560102.00   4191338.00      130.56543  (15012009)               560122.00   4191338.00      136.96577
(15012009)
        560142.00   4191338.00      142.93872  (15012009)               560162.00   4191338.00      148.49797
(15012009)
        560182.00   4191338.00      153.66242  (15012009)               560202.00   4191338.00      158.44621
(15012009)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

PAGE  1272
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

                           *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  PEIR
***
                               INCLUDING SOURCE(S):     L0000850    , L0000851    , L0000852    , L0000853    ,
L0000854    ,
               L0000855    , L0000856    , L0000857    , L0000858    , L0000859    , L0000860    , L0000861    ,
L0000862    ,
               L0000863    , L0000864    , L0000865    , L0000866    , L0000867    , L0000868    , L0000869    ,
L0000870    ,
               L0000871    , L0000872    , L0000873    , L0000874    , L0000875    , L0000876    , L0000877    ,
. . .       ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                    ** CONC OF PM_10    IN MICROGRAMS/M**3                        **

     X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)  Y-COORD (M)        CONC
(YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -
        560222.00   4191338.00      162.84066  (15012009)               560242.00   4191338.00      166.78745
(15012009)
        560302.00   4191338.00      174.04885  (15012009)               560322.00   4191338.00      173.85146
(15012009)
        560342.00   4191338.00      171.69966  (15012009)               560362.00   4191338.00      167.29375
(15012009)
        560382.00   4191338.00      160.92262  (16120517)               560402.00   4191338.00      164.64492
(16120517)
        560422.00   4191338.00      166.74769  (16120517)               559962.00   4191358.00      105.12146
(13121308)
        559982.00   4191358.00      106.30816  (13121308)               560002.00   4191358.00      107.38675
(13121308)
        560022.00   4191358.00      108.47204  (13121308)               560042.00   4191358.00      109.53544
(13121308)
        560062.00   4191358.00      111.55066  (15020708)               560082.00   4191358.00      116.83849
(15020708)
        560102.00   4191358.00      121.83497  (15012009)               560122.00   4191358.00      128.49934
(15012009)
        560142.00   4191358.00      134.74423  (15012009)               560162.00   4191358.00      140.57203
(15012009)
        560182.00   4191358.00      145.99440  (15012009)               560202.00   4191358.00      151.02609
(15012009)
        560222.00   4191358.00      155.67354  (15012009)               560242.00   4191358.00      159.91605
(15012009)
        560262.00   4191358.00      163.68033  (15012009)               560282.00   4191358.00      166.81484
(15012009)
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        560302.00   4191358.00      169.07583  (15012009)              560322.00   4191358.00      170.13768
(15012009)
        560342.00   4191358.00      169.63310  (15012009)              560362.00   4191358.00      167.21653
(15012009)
        560382.00   4191358.00      162.51330  (15012009)              560402.00   4191358.00      156.35286
(16120517)
        559962.00   4191378.00      102.70086  (13121308)              559982.00   4191378.00      103.83572
(13121308)
        560002.00   4191378.00      104.86623  (13121308)              560022.00   4191378.00      105.90296
(13121308)
        560042.00   4191378.00      106.92674  (13121308)              560062.00   4191378.00      107.88170
(13121308)
        560082.00   4191378.00      110.14719  (15020708)              560102.00   4191378.00      115.28508
(15020708)
        560122.00   4191378.00      120.05117  (15020708)              560142.00   4191378.00      126.51490
(15012009)
        560162.00   4191378.00      132.61042  (15012009)              560182.00   4191378.00      138.29857
(15012009)
        560202.00   4191378.00      143.58862  (15012009)              560222.00   4191378.00      148.49054
(15012009)
        560242.00   4191378.00      153.00251  (15012009)              560262.00   4191378.00      157.09196
(15012009)
        560282.00   4191378.00      160.66792  (15012009)              560302.00   4191378.00      163.55950
(15012009)
        560322.00   4191378.00      165.54103  (15012009)              560342.00   4191378.00      166.30345
(15012009)
        559982.00   4191398.00      101.48764  (13121308)              560002.00   4191398.00      102.47570
(13121308)
        560022.00   4191398.00      103.46840  (13121308)              560042.00   4191398.00      104.45338
(13121308)
        560062.00   4191398.00      105.39018  (13121308)              560082.00   4191398.00      106.18639
(13121308)
        560102.00   4191398.00      108.79358  (15020708)              560122.00   4191398.00      113.78784
(15020708)
        560142.00   4191398.00      118.42073  (15020708)              560162.00   4191398.00      124.60685
(15012009)
        560182.00   4191398.00      130.55862  (15012009)              560202.00   4191398.00      136.11209
(15012009)
        560222.00   4191398.00      141.27369  (15012009)              560242.00   4191398.00      146.04805
(15012009)
        560262.00   4191398.00      150.42479  (15012009)              560282.00   4191398.00      154.27025
(15012009)
        559982.00   4191418.00       99.22455  (13121417)              560002.00   4191418.00      100.13710
(13121417)
        560022.00   4191418.00      101.14533  (13121417)              560042.00   4191418.00      102.10984
(13121417)
        560062.00   4191418.00      103.01882  (13121308)              560082.00   4191418.00      103.82965
(13121308)
        560102.00   4191418.00      104.40197  (13121308)              560122.00   4191418.00      107.48676
(15020708)
        560142.00   4191418.00      112.34323  (15020708)              560162.00   4191418.00      116.84825
(15020708)
        560182.00   4191418.00      122.77036  (15012009)              560202.00   4191418.00      128.58357
(15012009)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

PAGE  1273
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

                           *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  PEIR
***
                               INCLUDING SOURCE(S):     L0000850    , L0000851    , L0000852    , L0000853    ,
L0000854    ,
               L0000855    , L0000856    , L0000857    , L0000858    , L0000859    , L0000860    , L0000861    ,
L0000862    ,
               L0000863    , L0000864    , L0000865    , L0000866    , L0000867    , L0000868    , L0000869    ,
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L0000870 ,
L0000871 , L0000872 , L0000873 , L0000874 , L0000875 , L0000876 , L0000877 ,
. . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
560222.00	4191418.00	134.00676	(15012009)	560242.00	4191418.00	139.04312	(15012009)
560262.00	4191418.00	143.69150	(15012009)	560002.00	4191438.00	97.78401	(13121417)
560022.00	4191438.00	98.92931	(13121417)	560042.00	4191438.00	99.94730	(13121417)
560062.00	4191438.00	100.80420	(13121417)	560082.00	4191438.00	101.57315	(13121308)
560102.00	4191438.00	102.20546	(13121308)	560122.00	4191438.00	102.47825	(13121308)
560142.00	4191438.00	106.22387	(15020708)	560162.00	4191438.00	110.94799	(15020708)
560182.00	4191438.00	115.32996	(15020708)	560202.00	4191438.00	121.00099	(15012009)
560222.00	4191438.00	126.68038	(15012009)	560242.00	4191438.00	131.97718	(15012009)
560262.00	4191438.00	136.88119	(15012009)	560042.00	4191458.00	97.53059	(13121417)
560062.00	4191458.00	98.72377	(13121417)	560082.00	4191458.00	99.45702	(13121417)
560102.00	4191458.00	100.08362	(13121308)	560122.00	4191458.00	100.47380	(13121308)
560142.00	4191458.00	100.36754	(13121308)	560162.00	4191458.00	105.00224	(15020708)
560182.00	4191458.00	109.59909	(15020708)	560202.00	4191458.00	113.86230	(15020708)
560222.00	4191458.00	119.29461	(15012009)	560242.00	4191458.00	124.84451	(15012009)
560262.00	4191458.00	129.86609	(15012009)	560142.00	4191478.00	98.44778	(13121308)
560162.00	4191478.00	98.93326	(15020708)	560182.00	4191478.00	103.73264	(15020708)
560202.00	4191478.00	108.26013	(15020708)	560222.00	4191478.00	112.44191	(15020708)
560242.00	4191478.00	117.64740	(15012009)	560155.00	4190663.00	204.58048	(17111317)
560175.00	4190663.00	199.63316	(17111317)	560115.00	4190683.00	223.33032	(17111317)
560135.00	4190683.00	218.52742	(17111317)	560155.00	4190683.00	214.28770	(17111317)
560175.00	4190683.00	208.78887	(17111317)	560095.00	4190703.00	242.36222	(17111317)
560115.00	4190703.00	235.06147	(17111317)	560135.00	4190703.00	229.68218	(17111317)
560155.00	4190703.00	224.92673	(13121617)	560175.00	4190703.00	219.11135	(13121617)
560095.00	4190723.00	256.17101	(17111317)	560115.00	4190723.00	247.76820	(13121617)
560135.00	4190723.00	242.21200	(13121617)	560155.00	4190723.00	237.30365	(13121617)
560175.00	4190723.00	230.67519	(13121617)	560195.00	4190723.00	224.42061	(13121617)
560095.00	4190743.00	276.46011	(13010717)	560115.00	4190743.00	263.65372	(14091907)
560135.00	4190743.00	255.32628	(13121617)	560155.00	4190743.00	249.45021	(13121617)
560175.00	4190743.00	241.57320	(13121617)	560195.00	4190743.00	234.14703	

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(13121617)
        560075.00   4190763.00      376.08344  (13010717)                560095.00   4190763.00      342.26181
(13010717)
        560115.00   4190763.00      312.32227  (13010717)                560135.00   4190763.00      286.98338
(13010717)
        560155.00   4190763.00      268.00598  (14091907)                560175.00   4190763.00      256.92699
(14091907)
        560195.00   4190763.00      246.69728  (14091907)                560215.00   4190763.00      237.25179
(14091907)
        560075.00   4190783.00      451.22437  (13010717)                560095.00   4190783.00      413.82840
(13010717)
        560115.00   4190783.00      379.25578  (13010717)                560135.00   4190783.00      349.63835
(13010717)
        560155.00   4190783.00      322.86843  (13010717)                560175.00   4190783.00      296.42104
(13010717)
        560195.00   4190783.00      272.43985  (13010717)                560215.00   4190783.00      253.68465
(14091907)
        560235.00   4190783.00      244.36284  (14091907)                560075.00   4190803.00      486.24165
(13012308)
        560095.00   4190803.00      460.32738  (13010717)                560115.00   4190803.00      432.76344
(13010717)
        560135.00   4190803.00      406.25254  (13010717)                560155.00   4190803.00      379.98176
(13010717)
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  PEIR
***
                                  INCLUDING SOURCE(S):     L0000850    , L0000851    , L0000852    , L0000853    ,
L0000854    ,
                 L0000855    , L0000856    , L0000857    , L0000858    , L0000859    , L0000860    , L0000861    ,
L0000862    ,
                 L0000863    , L0000864    , L0000865    , L0000866    , L0000867    , L0000868    , L0000869    ,
L0000870    ,
                 L0000871    , L0000872    , L0000873    , L0000874    , L0000875    , L0000876    , L0000877    ,
. . .      ,

                                                  *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                             ** CONC OF PM_10    IN MICROGRAMS/M**3                         **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)  Y-COORD (M)        CONC
(YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -
        560175.00   4190803.00      351.85645  (13010717)                560195.00   4190803.00      325.46525
(13010717)
        560215.00   4190803.00      300.93125  (13010717)                560235.00   4190803.00      278.22755
(13010717)
        560255.00   4190803.00      257.32926  (13010717)                560275.00   4190803.00      238.07838
(13010717)
        560075.00   4190823.00      470.31879  (14121317)                560095.00   4190823.00      461.70898
(13012308)
        560115.00   4190823.00      445.28361  (13012308)                560135.00   4190823.00      426.42249
(13010717)
        560155.00   4190823.00      410.12108  (13010717)                560175.00   4190823.00      390.67655
(13010717)
        560195.00   4190823.00      368.55425  (13010717)                560215.00   4190823.00      345.58461
(13010717)
        560235.00   4190823.00      323.06144  (13010717)                560255.00   4190823.00      301.38265
(13010717)
        560275.00   4190823.00      280.76186  (13010717)                560295.00   4190823.00      261.29386
(13010717)
        560315.00   4190823.00      243.25736  (13010717)                560115.00   4190843.00      424.31536
```

(13012308)
       560135.00   4190843.00   420.65623 (13012308)   560155.00   4190843.00   410.73136
(13012308)
       560175.00   4190843.00   395.95414 (13012308)   560195.00   4190843.00   383.95310
(13010717)
       560215.00   4190843.00   369.56720 (13010717)   560235.00   4190843.00   352.71089
(13010717)
       560255.00   4190843.00   334.74620 (13010717)   560275.00   4190843.00   316.32799
(13010717)
       560295.00   4190843.00   297.93381 (13010717)   560315.00   4190843.00   279.89431
(13010717)
       560335.00   4190843.00   262.42693 (13010717)   560195.00   4190863.00   380.70970
(13012308)
       560215.00   4190863.00   370.53343 (13012308)   560235.00   4190863.00   357.23500
(13010717)
       560255.00   4190863.00   347.04257 (13010717)   560275.00   4190863.00   334.81967
(13010717)
       560295.00   4190863.00   321.13593 (13010717)   560315.00   4190863.00   306.50590
(13010717)
       560335.00   4190863.00   291.36106 (13010717)   560075.00   4190883.00   408.24583
(13011717)
       560095.00   4190883.00   392.46028 (13011717)   560115.00   4190883.00   375.54942
(13011717)
       560255.00   4190883.00   346.26297 (13012308)   560275.00   4190883.00   334.31979
(13012308)
       560295.00   4190883.00   324.90398 (13010717)   560315.00   4190883.00   316.23920
(13010717)
       560335.00   4190883.00   306.04744 (13010717)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                          *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: PLAPM
***
                              INCLUDING SOURCE(S):   PLAPM   ,

                               *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                    ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 559917.30   559937.30   559957.30   559977.30
559997.30
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- - - - - - - -

 4191625.2 | 831.45227 (17112408)   779.93956 (14012908)   684.86271 (14012908)   501.45982 (16122807)
670.93342 (15011607)
 4191605.2 | 850.29059 (17112408)   815.07163 (17112408)   727.89746 (14012908)   525.62088 (14012908)
682.97553 (15011607)
 4191585.2 | 864.06582 (17112408)   861.99484 (17112408)   772.15226 (14012908)   569.79848 (14012908)
694.66693 (15011607)
 4191565.2 | 871.66631 (17112408)   907.93666 (17112408)   817.63442 (14012908)   617.22133 (14012908)
704.39510 (15011607)
 4191545.2 | 872.58322 (17112408)   950.83736 (17112408)   863.08662 (14012908)   667.79610 (14012908)
713.61644 (15011607)
 4191525.2 | 865.91547 (17112408)   989.28337 (17112408)   907.90213 (14012908)   721.36377 (14012908)
723.92321 (15011607)
 4191505.2 | 856.03697 (14122007)   1024.25396 (17112408)   953.55535 (14012908)   779.83707 (14012908)
736.67390 (15011607)
 4191485.2 | 901.05755 (13040307)   1053.38156 (17112408)   997.89739 (14012908)   841.63621 (14012908)
747.18951 (15011607)
 4191465.2 | 999.01924 (13040307)   1074.91304 (17112408)   1053.20589 (17112408)   906.91819 (14012908)
756.49471 (15011607)

 4191445.2 | 1095.79268 (13040307)   1089.09683 (17112408)   1125.49642 (17112408)   977.40338 (14012908)
766.82291 (15011607)
 4191425.2 | 1187.18426 (13040307)   1091.32268 (17112408)   1193.81730 (17112408)   1050.12712 (14012908)
775.17569 (15011607)
 4191405.2 | 1268.02408 (13040307)   1081.88884 (17112408)   1257.19816 (17112408)   1123.69792 (14012908)
799.56674 (14012908)
 4191385.2 | 1333.04547 (13040307)   1129.90661 (13040307)   1313.85570 (17112408)   1199.78136 (14012908)
881.81566 (14012908)
 4191365.2 | 1375.91661 (13040307)   1264.17856 (13040307)   1362.08951 (17112408)   1276.34401 (14012908)
972.07229 (14012908)
 4191345.2 | 1392.52342 (13040307)   1394.64586 (13040307)   1398.64356 (17112408)   1352.23444 (14012908)
1070.76820 (14012908)
 4191325.2 | 1377.08220 (13040307)   1514.38184 (13040307)   1419.97569 (17112408)   1448.10061 (17112408)
1178.03789 (14012908)
 4191305.2 | 1326.89462 (13040307)   1615.96972 (13040307)   1424.89862 (17112408)   1561.74084 (17112408)
1294.55646 (14012908)
 4191285.2 | 1240.52163 (13040307)   1686.73050 (13040307)   1472.26874 (13040307)   1670.09197 (17112408)
1419.81086 (14012908)
 4191265.2 | 1121.46161 (13040307)   1722.21462 (13040307)   1663.23159 (13040307)   1769.54521 (17112408)
1552.47764 (14012908)
 4191245.2 | 974.60763 (13040307)   1710.66224 (13040307)   1846.14145 (13040307)   1854.51845 (17112408)
1691.95533 (14012908)
 4191225.2 | 809.29630 (13040307)   1647.07828 (13040307)   2009.05306 (13040307)   1921.06494 (17112408)
1837.23817 (14012908)
 4191205.2 | 818.95982 (14122308)   1529.32350 (13040307)   2134.25655 (13040307)   1963.55412 (17112408)
1986.93192 (14012908)
 4191185.2 | 1053.90930 (14122308)   1360.91126 (13040307)   2208.14049 (13040307)   2023.65164 (13040307)
2168.62987 (17112408)
 4191165.2 | 1296.63157 (14122308)   1151.43946 (13040307)   2211.33598 (13040307)   2315.79992 (13040307)
2374.14835 (17112408)
 4191145.2 | 1572.61650 (13012409)   1091.58781 (14122308)   2128.23835 (13040307)   2592.89693 (13040307)
2572.39699 (17112408)
 4191125.2 | 1832.29519 (13012409)   1414.60398 (14122308)   1958.41044 (13040307)   2818.47188 (13040307)
2750.12605 (17112408)
 4191105.2 | 1969.97652 (13012409)   1766.26214 (13012409)   1707.70822 (13040307)   2967.85550 (13040307)
2894.08443 (17112408)
 4191085.2 | 1924.17503 (13012409)   2153.11357 (13012409)   1520.19759 (14122308)   3007.36812 (13040307)
3013.28644 (13040307)
 4191065.2 | 2012.78563 (16121207)   2400.51015 (13012409)   1981.69738 (13012409)   2911.29260 (13040307)
3506.38941 (13040307)
 4191045.2 | 1881.58276 (16121207)   2401.37807 (13012409)   2558.24200 (13012409)   2665.67452 (13040307)
3947.44372 (13040307)
 4191025.2 | 2187.29141 (13011808)   2468.61207 (16121207)   2992.02569 (13012409)   2271.84771 (13040307)
4278.39639 (13040307)
 4191005.2 | 2573.52280 (13032907)   2297.23181 (13011808)   3103.27875 (13012409)   3083.45175 (13012409)
4444.61317 (13040307)
 4190985.2 | 3055.63405 (13032907)   2956.40755 (13011808)   3138.07581 (16121207)   3840.63622 (13012409)
4400.15443 (13040307)
 4190965.2 | 2826.32889 (16011807)   3603.24286 (13032907)   3350.69541 (13011808)   4201.80731 (13012409)
4094.14223 (13040307)
 4190945.2 | 3053.12666 (15102707)   3454.93191 (13032907)   4204.65192 (13032907)   4205.52284 (16121207)
5128.18197 (13012409)
 4190925.2 | 3561.19136 (14120907)   3662.71827 (15102707)   4533.82101 (13032907)   5020.53191 (13011808)
6077.99718 (13012409)
 4190905.2 | 3708.92406 (13011907)   4283.02385 (14120907)   4626.21614 (13112607)   6058.96065 (13032907)
6196.42888 (16121207)
 4190885.2 | 3547.02556 (15032407)   4485.95615 (13011907)   5172.93411 (17030907)   6343.94269 (13112607)
8279.89889 (13032907)
 4190865.2 | 3336.21297 (15032407)   4359.01065 (15032407)   5361.25835 (15032407)   6968.36181 (13011907)
9434.69210 (13112607)
 4190845.2 | 3505.21581 (13012607)   4200.24974 (13012607)   5058.06871 (13012607)   6530.80771 (15032407)
9485.97429 (15032407)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: PLAPM
***
                                INCLUDING SOURCE(S):   PLAPM   ,

                                 *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                      ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 559917.30   559937.30   559957.30   559977.30
559997.30
 -
- - - - - - - -

 4190825.2 | 3605.90916 (13030108)   4207.33234 (13030108)   4993.13958 (13030108)   6103.63893 (13030108)
9963.32689 (15011209)
 4190805.2 | 3497.81769 (15032607)   3955.46273 (15032607)   5191.35314 (15011209)   9000.31659 (15011209)
12984.11123 (15011209)
 4190785.2 | 3590.90471 (15011209)   5714.42424 (15011209)   7800.90993 (15011209)   9435.83837 (15011209)
10658.81252 (15011209)
 4190765.2 | 5507.98431 (15011209)   6539.59937 (15011209)   7051.65451 (15011209)   7063.22736 (15011209)
6370.42856 (15011209)
 4190745.2 | 5288.47547 (15011209)   5134.66221 (15011209)   4536.12008 (14091607)   4879.58767 (15012907)
5614.45230 (15011208)
 4190725.2 | 3553.50508 (14091607)   3724.66832 (17021408)   3957.75288 (15012907)   4211.48658 (15011208)
4766.56074 (15011208)
 4190705.2 | 3138.86613 (17021408)   3295.78490 (15012907)   3353.01258 (15012907)   4035.75538 (15011208)
4644.48090 (14112008)
 4190685.2 | 2794.78291 (15012907)   2904.74631 (15012907)   3323.69585 (15011208)   3306.22561 (13101607)
4624.37816 (14040707)
 4190665.2 | 2552.16375 (15012907)   2709.31018 (14112407)   3025.16604 (15011208)   3194.15703 (14112008)
4465.55208 (14040707)
 4190645.2 | 2320.78666 (14112407)   2671.27220 (15011208)   2583.61829 (13101607)   3288.77286 (14112008)
4050.12396 (14040707)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: PLAPM
***
                                INCLUDING SOURCE(S):   PLAPM   ,

                                 *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                      ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560017.30   560037.30   560057.30   560077.30
560097.30
 -
- - - - - - - -

 4191625.2 | 782.25158 (15011607)   710.25319 (15011607)   678.51073 (13011807)   647.65757 (13011807)
549.18872 (14012008)
 4191605.2 | 807.47370 (15011607)   737.61813 (15011607)   702.20132 (13011807)   667.19417 (13011807)
581.58353 (14012008)
 4191585.2 | 833.41075 (15011607)   766.36433 (15011607)   727.24349 (13011807)   687.74048 (13011807)
616.12794 (14012008)
 4191565.2 | 858.37788 (15011607)   795.87902 (15011607)   753.47221 (13011807)   709.07251 (13011807)
652.76856 (14012008)
 4191545.2 | 884.99953 (15011607)   827.41140 (15011607)   781.08966 (13011807)   731.25775 (13011807)
691.94826 (14012008)
 4191525.2 | 914.40164 (15011607)   861.40878 (15011607)   810.17464 (13011807)   754.39279 (13011807)
733.75498 (14012008)

 4191505.2 | 946.56142 (15011607)   897.96708 (15011607)   841.76081 (13011807)   779.07223 (13011807)
778.10656 (14012008)
 4191485.2 | 979.55444 (15011607)   937.37428 (15011607)   876.28113 (13011807)   805.95096 (13011807)
826.44509 (14012008)
 4191465.2 | 1013.71008 (15011607)   979.89466 (15011607)   912.87731 (13011807)   833.32828 (13011807)
876.56276 (14012008)
 4191445.2 | 1051.60871 (15011607)   1026.95569 (15011607)   951.42368 (13011807)   862.22321 (13011807)
929.67341 (14012008)
 4191425.2 | 1088.81311 (15011607)   1074.37272 (15011607)   992.85005 (13011807)   892.62148 (13011807)
985.80417 (14012008)
 4191405.2 | 1126.65673 (15011607)   1126.19608 (15011607)   1037.55877 (13011807)   924.71126 (13011807)
1045.06283 (14012008)
 4191385.2 | 1166.75037 (15011607)   1181.99745 (15011607)   1085.74576 (13011807)   958.60571 (13011807)
1107.31323 (14012008)
 4191365.2 | 1208.61962 (15011607)   1242.22546 (15011607)   1137.84751 (13011807)   994.37487 (13011807)
1172.58410 (14012008)
 4191345.2 | 1252.09835 (15011607)   1307.36723 (15011607)   1194.23343 (13011807)   1032.16560 (13011807)
1240.61811 (14012008)
 4191325.2 | 1297.27717 (15011607)   1377.87728 (15011607)   1255.50843 (13011807)   1072.08199 (13011807)
1311.15745 (14012008)
 4191305.2 | 1344.13995 (15011607)   1454.42072 (15011607)   1322.22850 (13011807)   1154.84832 (14012008)
1383.75298 (14012008)
 4191285.2 | 1392.58505 (15011607)   1537.68458 (15011607)   1395.10702 (13011807)   1252.29519 (14012008)
1457.89425 (14012008)
 4191265.2 | 1442.66576 (15011607)   1628.53773 (15011607)   1475.00471 (13011807)   1359.13358 (14012008)
1556.25046 (15010517)
 4191245.2 | 1494.16913 (15011607)   1727.97009 (15011607)   1562.82770 (13011807)   1476.26444 (14012008)
1659.92152 (15010517)
 4191225.2 | 1546.87469 (15011607)   1837.00604 (15011607)   1659.73738 (13011807)   1604.55470 (14012008)
1760.11603 (15010517)
 4191205.2 | 1602.87127 (15011607)   1959.71189 (15011607)   1767.64631 (13011807)   1744.89500 (14012008)
1853.38847 (15010517)
 4191185.2 | 1656.56722 (15011607)   2091.37377 (15011607)   1888.29944 (13011807)   1899.13675 (14012008)
1936.42918 (15010517)
 4191165.2 | 1828.44198 (14012908)   2237.42911 (15011607)   2021.36025 (13011807)   2066.64309 (14012008)
2004.80994 (15010517)
 4191145.2 | 2077.29167 (14012908)   2400.18212 (15011607)   2171.84865 (13011807)   2247.40321 (14012008)
2053.77896 (15010517)
 4191125.2 | 2355.83679 (14012908)   2581.51043 (15011607)   2341.92596 (13011807)   2442.12046 (14012008)
2077.99298 (15010517)
 4191105.2 | 2663.39682 (14012908)   2784.17387 (15011607)   2535.57375 (13011807)   2650.59707 (14012008)
2071.74530 (15010517)
 4191085.2 | 2997.90422 (14012908)   3011.43739 (15011607)   2757.57722 (13011807)   2871.16528 (14012008)
2454.74758 (15112108)
 4191065.2 | 3354.46445 (14012908)   3267.39503 (15011607)   3013.94490 (13011807)   3102.41184 (14012008)
2853.07559 (15112108)
 4191045.2 | 3770.63948 (17112408)   3557.09741 (15011607)   3313.35840 (13011807)   3340.60800 (14012008)
3362.99829 (14112517)
 4191025.2 | 4231.80406 (17112408)   3886.77508 (15011607)   3666.79821 (13011807)   3579.84992 (14012008)
3952.05946 (14112517)
 4191005.2 | 4670.69859 (17112408)   4264.57763 (15011607)   4083.99556 (13011807)   3811.03045 (14012008)
4441.30516 (14112517)
 4190985.2 | 5116.30514 (13040307)   4696.40802 (15011607)   4576.31876 (13011807)   4080.39930 (14112517)
4756.44597 (14112517)
 4190965.2 | 6031.91981 (13040307)   5282.61382 (14012908)   5253.47452 (14012008)   5110.86416 (14112517)
4732.61364 (14112517)
 4190945.2 | 6805.68798 (13040307)   6360.72528 (14012908)   6147.30951 (14012008)   6191.16594 (14112517)
5434.27083 (15021907)
 4190925.2 | 7417.40663 (13040307)   7472.12422 (14012908)   7261.35433 (14012008)   7245.24421 (14112517)
6151.27389 (13121308)
 4190905.2 | 8005.91782 (13040307)   8791.71880 (14012908)   8761.98436 (14012008)   8006.28951 (14112517)
6946.98441 (15010507)
 4190885.2 | 9727.05691 (13012409) 10342.98628 (13040307) 11074.69917 (13011807)   9396.06320 (15010507)
7910.83238 (15012009)
 4190865.2 | 12925.83517 (13012409) 12055.63744 (13012409) 14359.14231 (13011807) 10832.93501 (15010507)
7380.74948 (15012009)
 4190845.2 | 16947.66948 (13112607) 11670.88087 (13011808) 11823.78211 (13011807) 10189.93910 (15010507)
8183.76769 (14121317)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PLAPM ***

INCLUDING SOURCE(S): PLAPM ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	560017.30	560037.30	560057.30	560077.30	560097.30
4190825.2	19405.83369 (15011209)	10516.01722 (15011209)	10183.33627 (15012808)	10568.74372 (15012808)	8755.09562 (17111317)
4190805.2	17911.79806 (15011209)	16268.43624 (15011209)	11463.29343 (15012807)	13560.91223 (15101307)	8663.37069 (17111317)
4190785.2	12071.34136 (15011209)	16275.93923 (14040707)	15131.44444 (15012807)	11152.87322 (13030207)	9500.64832 (13112317)
4190765.2	8117.01272 (14040707)	12249.52026 (14040707)	12282.72417 (15012807)	9868.91965 (13121217)	7613.72643 (13030207)
4190745.2	7706.70001 (14040707)	8761.82944 (14040707)	8729.24164 (15101407)	8571.81636 (13121217)	6542.84487 (15010807)
4190725.2	7082.95870 (14040707)	6956.77806 (13012408)	7046.95423 (15101407)	6906.34300 (15012807)	5748.03040 (15010807)
4190705.2	6148.91259 (14040707)	5835.70995 (13012408)	5820.10497 (15101407)	5925.34147 (15012807)	5665.93233 (13121217)
4190685.2	4973.29056 (14040707)	4902.14033 (13012408)	4956.96755 (15011308)	5196.43841 (13112107)	5044.62523 (13121217)
4190665.2	3806.59926 (13013107)	4128.98975 (13012408)	4315.26743 (15011308)	4422.83279 (13112107)	4197.00145 (15010907)
4190645.2	3394.96638 (13012408)	3486.66682 (13012408)	3807.81211 (15011308)	3738.78027 (16120508)	3811.64879 (15010907)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PLAPM ***

INCLUDING SOURCE(S): PLAPM ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	560117.30	560137.30	560157.30	560177.30	560197.30
4191625.2	686.07971 (14012008)	741.38203 (15010517)	726.21949 (15010517)	531.97199 (15010517)	494.03932 (15112108)
4191605.2	717.38837 (14012008)	775.23156 (15010517)	731.44361 (15010517)	511.71205 (15010517)	559.79393 (15112108)
4191585.2	749.69768 (14012008)	808.10452 (15010517)	732.74295 (15010517)	488.24655 (15010517)	628.68194 (15112108)

 4191565.2 | 781.67363 (14012008)   836.48776 (15010517)   727.19223 (15010517)   488.86512 (16012817)
697.85024 (15112108)
 4191545.2 | 815.81893 (14012008)   864.91378 (15010517)   717.98935 (15010517)   526.43472 (16012817)
767.11445 (15112108)
 4191525.2 | 851.55153 (14012008)   893.21195 (15010517)   705.65546 (15010517)   587.67271 (15112108)
834.04618 (15112108)
 4191505.2 | 886.64559 (14012008)   918.49855 (15010517)   692.33066 (15010517)   676.65364 (15112108)
898.81095 (15112108)
 4191485.2 | 923.40975 (14012008)   939.12445 (15010517)   670.26686 (15010517)   767.45048 (15112108)
950.74191 (15112108)
 4191465.2 | 970.85147 (15010517)   952.18494 (15010517)   641.08380 (15010517)   858.21660 (15112108)
988.30316 (15112108)
 4191445.2 | 1026.97932 (15010517)   959.48864 (15010517)   625.42775 (16012817)   948.18782 (15112108)
1010.06124 (15112108)
 4191425.2 | 1082.24359 (15010517)   959.91521 (15010517)   724.32127 (15112108)   1032.19882 (15112108)
1098.98372 (14112517)
 4191405.2 | 1135.74420 (15010517)   952.69752 (15010517)   838.50503 (15112108)   1106.05712 (15112108)
1182.12853 (14112517)
 4191385.2 | 1186.17307 (15010517)   937.01618 (15010517)   958.75994 (15112108)   1164.21505 (15112108)
1248.81583 (14112517)
 4191365.2 | 1232.19972 (15010517)   912.34035 (15010517)   1080.75504 (15112108)   1201.11195 (15112108)
1292.58264 (14112517)
 4191345.2 | 1272.23148 (15010517)   878.41162 (15010517)   1199.14412 (15112108)   1318.25351 (14112517)
1307.93787 (14112517)
 4191325.2 | 1304.46899 (15010517)   913.28625 (15112108)   1307.29393 (15112108)   1425.01119 (14112517)
1289.78487 (14112517)
 4191305.2 | 1327.14160 (15010517)   1072.87840 (15112108)   1396.82735 (15112108)   1507.57586 (14112517)
1235.57127 (14112517)
 4191285.2 | 1338.22382 (15010517)   1241.21450 (15112108)   1459.39770 (15112108)   1556.46298 (14112517)
1145.47130 (14112517)
 4191265.2 | 1335.83650 (15010517)   1411.22597 (15112108)   1622.29342 (14112517)   1562.86573 (14112517)
1120.40159 (16112517)
 4191245.2 | 1318.06519 (15010517)   1573.22451 (15112108)   1764.15305 (14112517)   1520.23331 (14112517)
1083.67062 (16112517)
 4191225.2 | 1283.40382 (15010517)   1714.99675 (15112108)   1868.94335 (14112517)   1425.80316 (14112517)
1343.18313 (15021907)
 4191205.2 | 1436.24797 (15112108)   1833.90841 (14112517)   1921.30230 (14112517)   1318.08114 (16112517)
1607.32849 (15021907)
 4191185.2 | 1686.12471 (15112108)   2065.31028 (14112517)   1907.81984 (14112517)   1392.19599 (15021907)
1811.89945 (15021907)
 4191165.2 | 1936.14970 (15112108)   2262.40744 (14112517)   1819.22615 (14112517)   1740.66192 (15021907)
1941.01904 (13121417)
 4191145.2 | 2168.47950 (15112108)   2399.74726 (14112517)   1654.77104 (14112517)   2040.98609 (15021907)
2011.24675 (13121417)
 4191125.2 | 2407.06638 (14112517)   2450.96276 (14112517)   1867.31238 (15021907)   2224.39514 (15021907)
2157.33383 (13121308)
 4191105.2 | 2755.32016 (14112517)   2393.92916 (14112517)   2296.92613 (15021907)   2356.43423 (13121417)
2114.59469 (13121308)
 4191085.2 | 3048.08481 (14112517)   2217.17664 (14112517)   2610.74150 (15021907)   2524.35252 (13121308)
2107.34646 (15010507)
 4191065.2 | 3238.55071 (14112517)   2577.98079 (15021907)   2797.56689 (13121417)   2479.92005 (13121308)
2281.39579 (15010507)
 4191045.2 | 3278.42123 (14112517)   3086.76692 (15021907)   3012.14049 (13121308)   2575.47168 (15010507)
2186.60358 (15010507)
 4191025.2 | 3131.80260 (14112517)   3376.33427 (13121417)   2969.10880 (13121308)   2688.80940 (15010507)
2263.59479 (17031607)
 4191005.2 | 3689.25206 (15021907)   3686.67156 (13121308)   3193.27119 (15010507)   2546.83275 (17031607)
3035.05933 (15020708)
 4190985.2 | 4241.14383 (15021907)   3654.55174 (13121308)   3169.25486 (15010507)   3361.96544 (15020708)
3614.41516 (15012009)
 4190965.2 | 4692.02584 (13121308)   4028.49052 (15010507)   3751.10855 (15020708)   4083.73786 (15012009)
3290.81866 (15012009)
 4190945.2 | 4895.35127 (15010507)   4236.46871 (15020708)   4702.03901 (15012009)   3765.66702 (15012009)
3444.05288 (14012907)
 4190925.2 | 5109.73732 (15010507)   5348.58188 (15012009)   4259.96958 (15012009)   3835.58496 (14012907)
3254.29707 (13011717)
 4190905.2 | 6391.05201 (15012009)   4990.04740 (15012009)   4289.07796 (14012907)   3764.16226 (13011717)
3250.85789 (13011717)
 4190885.2 | 5978.51393 (15012009)   4882.86298 (13011717)   4172.94969 (13011717)   4030.41275 (14121317)

3886.83021 (14121317)
 4190865.2 | 6344.87223 (14121317)   5760.03657 (14121317)   5094.63959 (14121317)   4368.13728 (14121317)
3720.40711 (14121317)
 4190845.2 | 6676.94584 (14121317)   5493.25288 (14121317)   4438.21619 (14121317)   3579.16859 (13020407)
3274.93755 (13020407)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: PLAPM
***
                                INCLUDING SOURCE(S):   PLAPM   ,

                                 *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                      ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560117.30   560137.30   560157.30   560177.30
560197.30
 -
- - - - - - - -

 4190825.2 | 7383.66270 (17111317)   6364.92787 (17111317)   5536.88968 (17111317)   4838.33922 (17111317)
4226.17264 (17111317)
 4190805.2 | 7370.87010 (17111317)   6503.86538 (17111317)   5740.00005 (17111317)   5098.12321 (17111317)
4597.59428 (17111317)
 4190785.2 | 7008.66799 (13112317)   5215.71413 (15012808)   4107.73279 (13012507)   3631.67692 (13012507)
3168.46604 (13012507)
 4190765.2 | 7164.41818 (14010617)   5764.60665 (13112317)   4628.89778 (13112317)   3673.10070 (15012808)
2955.23882 (17113007)
 4190745.2 | 5632.00576 (17112308)   5784.45018 (14010617)   4364.33705 (14010617)   4067.31542 (13112317)
3310.03607 (13112317)
 4190725.2 | 4482.32949 (16120808)   4602.28951 (17112308)   4654.94884 (14010617)   3950.65341 (14010617)
3268.89516 (13112317)
 4190705.2 | 4771.30023 (15010807)   3900.86456 (16120808)   3840.26303 (17112308)   3742.53426 (14010617)
3534.18124 (14010617)
 4190685.2 | 4002.72096 (15010807)   3555.14486 (15010807)   3383.32201 (16120808)   3258.69496 (17112308)
3033.02016 (14010617)
 4190665.2 | 3889.35350 (13121217)   3675.23424 (15010807)   2808.46529 (16122208)   2925.54904 (16120808)
2817.21302 (17112308)
 4190645.2 | 3817.02898 (13121217)   2941.05745 (15010807)   2984.78784 (15010807)   2200.45814 (16120808)
2537.20347 (16120808)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: PLAPM
***
                                INCLUDING SOURCE(S):   PLAPM   ,

                                 *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                      ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560217.30   560237.30   560257.30   560277.30
560297.30
 -
- - - - - - - -

 4191625.2 | 693.50311 (15112108)   742.20650 (15112108)   790.57391 (14112517)   748.60306 (14112517)
583.49497 (14112517)
 4191605.2 | 743.93179 (15112108)   748.60753 (15112108)   820.50494 (14112517)   734.71427 (14112517)
580.80322 (16112517)
 4191585.2 | 788.44265 (15112108)   806.63377 (14112517)   839.69372 (14112517)   708.70151 (14112517)
601.58017 (16112517)
 4191565.2 | 824.57230 (15112108)   860.85478 (14112517)   846.23439 (14112517)   670.86863 (14112517)
603.76724 (16112517)
 4191545.2 | 849.87578 (15112108)   906.45014 (14112517)   838.59754 (14112517)   639.27456 (16112517)
585.58603 (16112517)
 4191525.2 | 862.53341 (15112108)   940.75093 (14112517)   816.07082 (14112517)   665.65628 (16112517)
547.26115 (16112517)
 4191505.2 | 935.45405 (14112517)   962.63549 (14112517)   779.70734 (14112517)   671.04424 (16112517)
569.65983 (15021907)
 4191485.2 | 1001.42810 (14112517)   964.60504 (14112517)   727.15689 (14112517)   650.78648 (16112517)
683.94800 (15021907)
 4191465.2 | 1056.10661 (14112517)   948.31741 (14112517)   744.58068 (16112517)   605.49482 (16112517)
796.83133 (15021907)
 4191445.2 | 1094.85313 (14112517)   912.03177 (14112517)   751.11853 (16112517)   687.59555 (15021907)
898.65907 (15021907)
 4191425.2 | 1113.66885 (14112517)   856.12276 (14112517)   727.22755 (16112517)   821.06638 (15021907)
978.13627 (15021907)
 4191405.2 | 1108.84190 (14112517)   837.08062 (16112517)   680.54663 (15021907)   947.46575 (15021907)
1022.89455 (15021907)
 4191385.2 | 1078.32894 (14112517)   847.92189 (16112517)   836.05886 (15021907)   1052.52063 (15021907)
1083.91648 (13121417)
 4191365.2 | 1021.14798 (14112517)   820.65346 (16112517)   991.11805 (15021907)   1121.47789 (15021907)
1097.55107 (13121417)
 4191345.2 | 951.53885 (16112517)   841.01468 (15021907)   1128.98981 (15021907)   1184.32489 (13121417)
1136.92958 (13121308)
 4191325.2 | 968.13488 (16112517)   1028.11342 (15021907)   1230.23946 (15021907)   1217.90410 (13121417)
1182.11266 (13121308)
 4191305.2 | 936.50399 (16112517)   1205.40259 (15021907)   1297.51132 (13121417)   1251.57128 (13121308)
1155.01936 (13121308)
 4191285.2 | 1054.44892 (15021907)   1348.46114 (15021907)   1357.77067 (13121417)   1308.89086 (13121308)
1147.04895 (15020707)
 4191265.2 | 1278.45545 (15021907)   1431.32450 (15021907)   1387.03097 (13121308)   1279.22968 (13121308)
1157.46373 (13122017)
 4191245.2 | 1475.12907 (15021907)   1521.24995 (13121417)   1460.76564 (13121308)   1262.35503 (15020707)
1189.88240 (15010507)
 4191225.2 | 1609.18735 (15021907)   1549.30299 (13121308)   1428.05059 (13121308)   1266.51538 (13122017)
1227.97775 (15010507)
 4191205.2 | 1713.45388 (13121417)   1644.72293 (13121308)   1396.12069 (15020707)   1344.55889 (15010507)
1177.64239 (15010507)
 4191185.2 | 1746.18855 (13121308)   1608.93212 (13121308)   1430.22361 (15010507)   1354.12752 (15010507)
1220.37000 (17031607)
 4191165.2 | 1871.69190 (13121308)   1556.42167 (13122017)   1521.98280 (15010507)   1253.72276 (15010507)
1360.05713 (17031607)
 4191145.2 | 1832.36709 (13121308)   1661.66699 (15010507)   1486.20169 (15010507)   1454.60458 (17031607)
1327.94358 (15020708)
 4191125.2 | 1760.20447 (13122017)   1723.58323 (15010507)   1520.17938 (17031607)   1451.99235 (17031607)
1755.70492 (15020708)
 4191105.2 | 1942.12051 (15010507)   1617.19320 (15010507)   1631.03390 (17031607)   1853.40173 (15020708)
2041.06277 (15012009)
 4191085.2 | 1947.40230 (15010507)   1797.54652 (17031607)   1951.16784 (15020708)   2184.14467 (15012009)
2211.99239 (15012009)
 4191065.2 | 1938.32449 (17031607)   2047.15671 (15020708)   2344.17709 (15012009)   2413.70838 (15012009)
1899.91596 (15012009)
 4191045.2 | 2139.12827 (15020708)   2524.96348 (15012009)   2645.76822 (15012009)   2092.18086 (15012009)
1956.07029 (16120517)
 4191025.2 | 2753.36567 (15020708)   2915.50994 (15012009)   2316.82350 (15012009)   2142.22983 (16120517)
2114.89723 (14012907)
 4191005.2 | 3232.91773 (15012009)   2581.95670 (15012009)   2344.15429 (16120517)   2344.04581 (14012907)
2071.00244 (14012907)
 4190985.2 | 2898.56050 (15012009)   2586.27236 (14012907)   2572.11091 (14012907)   2140.53554 (14012907)
2110.74716 (13011717)
 4190965.2 | 3004.32413 (14012907)   2782.84716 (14012907)   2332.99596 (13011717)   2404.31491 (13011717)
2180.22452 (13011717)
 4190945.2 | 2975.55558 (14012907)   2769.24187 (13011717)   2570.58320 (13011717)   2153.24058 (13011717)

1801.02417 (13121117)
 4190925.2 | 3073.41629 (13011717)   2633.12209 (13011717)   2199.13156 (13121117)   2264.35268 (14121317)
2350.93631 (14121317)
 4190905.2 | 2842.16757 (14121317)   2989.88184 (14121317)   2936.53082 (14121317)   2746.66552 (14121317)
2461.15421 (14121317)
 4190885.2 | 3599.27908 (14121317)   3209.94989 (14121317)   2741.39286 (14121317)   2366.60104 (13010717)
1995.42665 (13010717)
 4190865.2 | 3024.06945 (14121317)   2487.41295 (13010717)   2333.30383 (14091907)   2187.35086 (14091907)
2039.86180 (14091907)
 4190845.2 | 3019.61279 (13020407)   2796.49607 (13020407)   2602.81070 (13020407)   2430.31308 (13020407)
2273.31706 (13020407)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: PLAPM
***
                                INCLUDING SOURCE(S):   PLAPM   ,

                                 *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                      ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560217.30   560237.30   560257.30   560277.30
560297.30
 -
- - - - - - - -

 4190825.2 | 3710.30548 (17111317)   3296.77895 (13121617)   3045.11161 (13121617)   2824.91717 (13121617)
2630.23451 (13121617)
 4190805.2 | 4189.21839 (17111317)   3843.49950 (17111317)   3542.07277 (17111317)   3274.44749 (17111317)
3032.80892 (17111317)
 4190785.2 | 2756.22059 (17111317)   2661.18608 (17111317)   2573.28286 (17111317)   2484.79688 (17111317)
2399.89880 (17111317)
 4190765.2 | 2654.18187 (13012507)   2532.70908 (13012507)   2340.72367 (13012507)   2101.44256 (13012507)
1841.21143 (13012507)
 4190745.2 | 2834.76931 (17113007)   2432.30181 (17113007)   1923.61383 (17113007)   1849.10033 (13012507)
1848.13053 (13012507)
 4190725.2 | 3064.17404 (13112317)   2502.97833 (13112317)   2266.71939 (17113007)   2036.70255 (17113007)
1693.42306 (17113007)
 4190705.2 | 2673.62305 (14112408)   2617.41576 (13112317)   2402.38610 (13112317)   1965.67733 (13112317)
1855.84435 (17113007)
 4190685.2 | 3119.02581 (14010617)   2415.13592 (14010617)   2250.91022 (14112408)   2147.04227 (13112317)
1939.89315 (13112317)
 4190665.2 | 2595.07085 (13030207)   2737.01626 (14010617)   2305.34094 (14010617)   1876.73737 (14112408)
1891.36676 (14112408)
 4190645.2 | 2461.58324 (17112308)   2256.30907 (13030207)   2390.43483 (14010617)   2165.04897 (14010617)
1583.96356 (14010617)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: PLAPM
***
                                INCLUDING SOURCE(S):   PLAPM   ,

                                 *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                      ** CONC OF PM_10   IN MICROGRAMS/M**3   **

Y-COORD (METERS)	X-COORD (METERS)				
	560317.30	560337.30	560357.30	560377.30	560397.30
4191625.2	548.13402 (16112517)	417.23086 (16112517)	568.85611 (15021907)	671.43483 (15021907)	688.25622 (13121417)
4191605.2	532.01901 (16112517)	486.88314 (15021907)	642.01872 (15021907)	706.89605 (15021907)	715.85946 (13121417)
4191585.2	499.14740 (16112517)	573.75004 (15021907)	704.37774 (15021907)	728.57461 (13121417)	718.11766 (13121417)
4191565.2	477.16960 (15021907)	659.59612 (15021907)	751.88739 (15021907)	765.56572 (13121417)	716.15422 (13121308)
4191545.2	574.78751 (15021907)	737.37772 (15021907)	777.84724 (15021907)	774.45582 (13121417)	758.34691 (13121308)
4191525.2	674.23661 (15021907)	799.85820 (15021907)	819.58125 (13121417)	764.45632 (13121308)	773.01089 (13121308)
4191505.2	768.50527 (15021907)	839.58895 (15021907)	838.80659 (13121417)	815.04749 (13121308)	755.08418 (13121308)
4191485.2	848.86673 (15021907)	878.88856 (13121417)	821.71384 (13121417)	833.29809 (13121308)	753.48362 (15020707)
4191465.2	905.84391 (15021907)	910.53282 (13121417)	879.26966 (13121308)	813.93475 (13121308)	761.74972 (15020707)
4191445.2	943.01800 (13121417)	900.62653 (13121417)	902.01147 (13121308)	813.22244 (15020707)	777.11706 (13122017)
4191425.2	991.48800 (13121417)	952.55006 (13121308)	881.05297 (13121308)	815.48961 (13122017)	745.99101 (15010507)
4191405.2	992.96009 (13121417)	981.29580 (13121308)	880.96813 (15020707)	832.19998 (13122017)	788.35109 (15010507)
4191385.2	1039.57900 (13121308)	960.73838 (13121308)	890.50879 (13122017)	823.11597 (15010507)	796.70913 (15010507)
4191365.2	1074.74423 (13121308)	959.72137 (15020707)	892.64422 (13122017)	859.07871 (15010507)	765.63214 (15010507)
4191345.2	1049.95859 (13121308)	969.90918 (13122017)	908.64728 (15010507)	852.26355 (15010507)	696.30164 (15010507)
4191325.2	1047.00430 (15020707)	954.33191 (13122017)	933.97965 (15010507)	799.87619 (15010507)	841.59455 (17031607)
4191305.2	1058.88768 (13122017)	1004.49636 (15010507)	907.35515 (15010507)	831.98812 (17031607)	930.70159 (17031607)
4191285.2	1055.94596 (15010507)	1013.63120 (15010507)	828.33042 (15010507)	972.44957 (17031607)	902.14888 (17031607)
4191265.2	1110.92106 (15010507)	959.91082 (15010507)	996.73791 (17031607)	991.81956 (17031607)	918.80234 (15020708)
4191245.2	1095.83286 (15010507)	999.19287 (17031607)	1074.65755 (17031607)	917.38947 (15020708)	1175.28852 (15020708)
4191225.2	1005.82936 (15010507)	1144.78687 (17031607)	997.98167 (17031607)	1215.40620 (15020708)	1304.44689 (15020708)
4191205.2	1195.65490 (17031607)	1123.59138 (17031607)	1252.29702 (15020708)	1387.46796 (15020708)	1500.84295 (15012009)
4191185.2	1246.72931 (17031607)	1284.36635 (15020708)	1474.56989 (15020708)	1590.65104 (15012009)	1505.87365 (15012009)
4191165.2	1310.23316 (15020708)	1565.44155 (15020708)	1688.43216 (15012009)	1616.66804 (15012009)	1254.49580 (15012009)
4191145.2	1659.39715 (15020708)	1795.15713 (15012009)	1740.34463 (15012009)	1352.79905 (15012009)	1295.93981 (16122217)
4191125.2	1912.14910 (15012009)	1878.94463 (15012009)	1463.87380 (15012009)	1378.19856 (16122217)	1399.87975 (16120517)
4191105.2	2035.13513 (15012009)	1590.07341 (15012009)	1487.07995 (16120517)	1489.12894 (16120517)	1469.09856 (14012907)
4191085.2	1734.17085 (15012009)	1629.01880 (16120517)	1580.78374 (16120517)	1603.33385 (14012907)	1487.83153 (14012907)
4191065.2	1785.11544 (16120517)	1678.59586 (14012907)	1735.87498 (14012907)	1535.97078 (14012907)	1410.27812 (14010709)
4191045.2	1890.94592 (14012907)	1861.44736 (14012907)	1572.67429 (14010709)	1464.51774 (14010709)	1522.38601 (13011717)
4191025.2	1974.26884 (14012907)	1702.18429 (14010709)	1630.46907 (13011717)	1711.33708 (13011717)	1596.45897 (13011717)
4191005.2	1795.37314 (14010709)	1903.87380 (13011717)	1831.64070 (13011717)	1576.27812 (13011717)	

1218.18362 (13011617)
 4190985.2 | 2098.63270 (13011717)   1856.15390 (13011717)   1469.05592 (13011717)   1243.72129 (13121117)
1373.62500 (13121117)
 4190965.2 | 1774.61827 (13011717)   1491.86220 (13121117)   1604.43361 (13121117)   1594.77293 (13121117)
1603.89477 (14121317)
 4190945.2 | 1865.92343 (13121117)   1883.86070 (14121317)   1931.31180 (14121317)   1887.35263 (14121317)
1769.20934 (14121317)
 4190925.2 | 2309.91653 (14121317)   2166.90944 (14121317)   1953.14018 (13010717)   1825.46382 (13010717)
1648.86459 (13010717)
 4190905.2 | 2193.75800 (13010717)   1951.30312 (13010717)   1669.99265 (13010717)   1371.88631 (13010717)
1226.84761 (14122717)
 4190885.2 | 1706.49287 (14091907)   1688.57431 (14091907)   1649.45607 (14091907)   1593.17082 (14091907)
1522.34015 (14091907)
 4190865.2 | 1888.39950 (14091907)   1731.84045 (14091907)   1636.72422 (13020407)   1593.61737 (13020407)
1548.32728 (13020407)
 4190845.2 | 2127.82516 (13020407)   1991.35926 (13020407)   1862.53847 (13020407)   1740.67100 (13020407)
1642.64350 (13121617)

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: PLAPM
***
                                INCLUDING SOURCE(S):   PLAPM   ,

                                 *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                      ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560317.30   560337.30   560357.30   560377.30
560397.30
 -
- - - - - - - -

 4190825.2 | 2458.75349 (13121617)   2303.80278 (13121617)   2162.79263 (13121617)   2035.26437 (13121617)
1919.40624 (13121617)
 4190805.2 | 2816.44068 (17111317)   2610.71571 (17111317)   2427.46872 (17111317)   2259.43362 (17111317)
2105.16368 (17111317)
 4190785.2 | 2316.17880 (17111317)   2232.28708 (17111317)   2152.68077 (17111317)   2073.91528 (17111317)
1996.10065 (17111317)
 4190765.2 | 1579.06324 (13122807)   1536.95738 (13122807)   1479.92439 (13122807)   1411.74617 (13122807)
1335.72622 (13122807)
 4190745.2 | 1782.75590 (13012507)   1669.02504 (13012507)   1522.75021 (13012507)   1358.59519 (13012507)
1188.59296 (13012507)
 4190725.2 | 1316.75626 (17113007)   1361.42484 (13012507)   1401.32605 (13012507)   1393.24801 (13012507)
1345.46805 (13012507)
 4190705.2 | 1728.59522 (17113007)   1496.71866 (17113007)   1217.55803 (17113007)   1041.70601 (15021908)
1044.69583 (13012507)
 4190685.2 | 1593.89793 (15012808)   1547.86430 (17113007)   1483.11470 (17113007)   1327.41972 (17113007)
1120.81529 (17113007)
 4190665.2 | 1793.72271 (13112317)   1601.42465 (13112317)   1340.92828 (15012808)   1311.66979 (17113007)
1284.91630 (17113007)
 4190645.2 | 1666.79541 (14112408)   1587.81950 (14112408)   1520.06351 (13112317)   1345.56404 (13112317)
1149.51337 (15012808)

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: PLAPM
***

INCLUDING SOURCE(S): PLAPM ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	560417.30	560437.30	560457.30	560477.30	560497.30
4191625.2	665.76441 (13121417)	663.94840 (13121308)	616.55923 (13121308)	592.63180 (15020707)	571.53741 (13122017)
4191605.2	672.13642 (13121308)	673.46569 (13121308)	610.81368 (15020707)	594.35096 (13122017)	552.64177 (13122017)
4191585.2	709.15832 (13121308)	658.03390 (13121308)	629.79014 (15020707)	603.92271 (13122017)	554.44013 (15010507)
4191565.2	720.68721 (13121308)	653.60177 (15020707)	635.21816 (13122017)	574.81253 (13122017)	572.56273 (15010507)
4191545.2	703.12197 (13121308)	668.86602 (15020707)	636.18962 (13122017)	596.33700 (15010507)	571.17182 (15010507)
4191525.2	700.20431 (15020707)	678.36309 (13122017)	612.20736 (15010507)	609.52299 (15010507)	549.58996 (15010507)
4191505.2	713.11518 (15020707)	670.91648 (13122017)	641.85690 (15010507)	600.32297 (15010507)	508.45128 (15010507)
4191485.2	725.98991 (13122017)	665.59158 (15010507)	648.20218 (15010507)	568.11810 (15010507)	518.65114 (17031607)
4191465.2	706.52711 (13122017)	690.52529 (15010507)	628.63932 (15010507)	514.98239 (15010507)	626.68247 (17031607)
4191445.2	724.24620 (15010507)	687.62062 (15010507)	583.57514 (15010507)	618.27520 (17031607)	686.66750 (17031607)
4191425.2	742.07709 (15010507)	654.97003 (15010507)	599.43079 (17031607)	707.65769 (17031607)	680.01792 (17031607)
4191405.2	726.89265 (15010507)	594.47677 (15010507)	718.39076 (17031607)	729.66991 (17031607)	604.61501 (17031607)
4191385.2	678.46620 (15010507)	717.70134 (17031607)	773.26413 (17031607)	673.43268 (17031607)	685.70468 (15020708)
4191365.2	703.22404 (17031607)	810.40762 (17031607)	743.98464 (17031607)	683.59368 (15020708)	854.66912 (15020708)
4191345.2	833.40577 (17031607)	813.47161 (17031607)	677.51885 (15020708)	875.54884 (15020708)	956.10083 (15020708)
4191325.2	876.13996 (17031607)	720.44435 (17031607)	890.85333 (15020708)	999.28461 (15020708)	1038.66453 (15012009)
4191305.2	810.37722 (17031607)	905.82690 (15020708)	1043.50693 (15020708)	1077.92097 (15012009)	1141.80203 (15012009)
4191285.2	914.50223 (15020708)	1089.94101 (15020708)	1121.54519 (15012009)	1203.23859 (15012009)	1090.03509 (15012009)
4191265.2	1132.87970 (15020708)	1164.15719 (15012009)	1272.07426 (15012009)	1158.69200 (15012009)	895.22373 (15012009)
4191245.2	1225.69075 (15020708)	1341.70251 (15012009)	1235.31380 (15012009)	954.81902 (15012009)	969.09023 (16122217)
4191225.2	1418.09529 (15012009)	1316.15741 (15012009)	1018.76799 (15012009)	1026.94951 (16122217)	1008.54167 (16120517)
4191205.2	1406.17715 (15012009)	1088.72814 (15012009)	1085.81649 (16122217)	1079.41177 (16120517)	1046.08362 (16120517)
4191185.2	1166.97792 (15012009)	1150.35076 (16122217)	1152.88176 (16120517)	1090.59503 (16120517)	1097.74728 (14012907)
4191165.2	1220.20851 (16122217)	1231.29211 (16120517)	1134.14538 (16120517)	1183.41498 (14012907)	1133.61899 (14012907)
4191145.2	1313.79974 (16120517)	1210.81337 (14012907)	1268.67453 (14012907)	1170.36375 (14012907)	1054.92416 (14010709)
4191125.2	1337.31802 (14012907)	1350.13776 (14012907)	1196.40550 (14012907)	1132.67676 (14010709)	1038.07607 (14010709)
4191105.2	1424.46051 (14012907)	1212.97583 (14010709)	1190.99286 (14010709)	1045.11244 (13011717)	1174.25504 (13011717)
4191085.2	1323.57369 (14010709)	1222.47519 (14010709)	1238.58994 (13011717)	1298.03874 (13011717)	1228.15071 (13011717)
4191065.2	1291.88916 (13011717)	1410.40681 (13011717)	1375.54868 (13011717)	1215.04153 (13011717)	

989.44012 (13011617)
 4191045.2 | 1536.64446 (13011717)   1391.75331 (13011717)   1142.07602 (13011717)   907.07737 (13011617)
770.93150 (17122817)
 4191025.2 | 1340.25280 (13011717)   1048.29930 (13011617)   888.08609 (13121117)   1029.66657 (13121117)
1106.27079 (13121117)
 4191005.2 | 1045.97125 (13121117)   1188.57033 (13121117)   1250.38569 (13121117)   1231.95034 (13121117)
1179.54658 (14121317)
 4190985.2 | 1408.30066 (13121117)   1352.00479 (13121117)   1385.85385 (14121317)   1387.79251 (14121317)
1340.63083 (14121317)
 4190965.2 | 1623.63918 (14121317)   1576.87617 (14121317)   1476.35333 (14121317)   1414.84789 (13010717)
1349.71204 (13010717)
 4190945.2 | 1653.29349 (13010717)   1563.60505 (13010717)   1426.33504 (13010717)   1257.85161 (13010717)
1074.00692 (13010717)
 4190925.2 | 1438.92697 (13010717)   1207.21244 (13010717)   1027.97549 (14122717)   1007.78030 (14122717)
968.04329 (14122717)
 4190905.2 | 1222.61654 (14091907)   1238.55381 (14091907)   1235.62316 (14091907)   1216.55171 (14091907)
1183.22141 (14091907)
 4190885.2 | 1439.37440 (14091907)   1346.92023 (14091907)   1247.37217 (14091907)   1143.68411 (14091907)
1038.65318 (14091907)
 4190865.2 | 1500.87060 (13020407)   1451.81689 (13020407)   1401.38235 (13020407)   1349.92241 (13020407)
1297.77938 (13020407)
 4190845.2 | 1569.86204 (13121617)   1502.74810 (13121617)   1441.01397 (13121617)   1383.70905 (13121617)
1329.46468 (13121617)

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 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: PLAPM
***
                               INCLUDING SOURCE(S):   PLAPM   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560417.30   560437.30   560457.30   560477.30
560497.30
 -
- - - - - - - -

 4190825.2 | 1813.69886 (13121617)   1717.01409 (13121617)   1628.35839 (13121617)   1545.40745 (13121617)
1469.70139 (13121617)
 4190805.2 | 1963.44742 (17111317)   1833.16787 (17111317)   1713.39913 (17111317)   1603.18383 (17111317)
1501.65968 (17111317)
 4190785.2 | 1919.30205 (17111317)   1843.76944 (17111317)   1769.66207 (17111317)   1697.28487 (17111317)
1626.75197 (17111317)
 4190765.2 | 1254.72371 (13122807)   1230.19717 (17111317)   1233.99474 (17111317)   1232.65149 (17111317)
1226.83512 (17111317)
 4190745.2 | 1071.00057 (13122807)   1065.11014 (13122807)   1047.94177 (13122807)   1021.46993 (13122807)
987.58803 (13122807)
 4190725.2 | 1266.89075 (13012507)   1167.38269 (13012507)   1055.69383 (13012507)   939.24790 (13012507)
823.82346 (13012507)
 4190705.2 | 1095.68963 (13012507)   1112.99152 (13012507)   1100.00392 (13012507)   1061.41668 (13012507)
1003.38222 (13012507)
 4190685.2 | 917.65536 (15021908)   858.00942 (15021908)   827.39155 (13012507)   878.82790 (13012507)
906.49855 (13012507)
 4190665.2 | 1181.60916 (17113007)   1029.03108 (17113007)   854.95031 (17113007)   773.63704 (15021908)
721.14208 (15021908)
 4190645.2 | 1137.33386 (13012407)   1123.10739 (17113007)   1055.98710 (17113007)   943.86919 (17113007)
806.93608 (17113007)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: PLAPM
***
                                INCLUDING SOURCE(S):   PLAPM   ,

                                 *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                      ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560517.30   560537.30   560557.30   560577.30
560597.30
 -
- - - - - - - -

 4191625.2 | 515.26203 (15010507)   513.32349 (15010507)   470.21087 (15010507)   397.69709 (15010507)
418.12532 (17031607)
 4191605.2 | 536.98406 (15010507)   507.59591 (15010507)   441.11466 (15010507)   398.84738 (17031607)
491.96403 (17031607)
 4191585.2 | 542.28112 (15010507)   485.20763 (15010507)   399.14404 (15010507)   485.10811 (17031607)
534.63187 (17031607)
 4191565.2 | 529.21536 (15010507)   447.39004 (15010507)   471.03761 (17031607)   545.10280 (17031607)
535.40862 (17031607)
 4191545.2 | 498.11301 (15010507)   451.50964 (17031607)   550.47766 (17031607)   565.43962 (17031607)
493.55520 (17031607)
 4191525.2 | 451.24195 (15010507)   549.18430 (17031607)   592.05999 (17031607)   538.30907 (17031607)
416.24992 (17031607)
 4191505.2 | 538.21231 (17031607)   611.39598 (17031607)   580.94832 (17031607)   466.05458 (17031607)
538.95851 (15020708)
 4191485.2 | 623.95004 (17031607)   621.78567 (17031607)   518.77845 (17031607)   535.84829 (15020708)
657.46430 (15020708)
 4191465.2 | 658.42790 (17031607)   573.87402 (17031607)   531.07589 (15020708)   667.66255 (15020708)
736.15484 (15020708)
 4191445.2 | 627.56562 (17031607)   522.75583 (15020708)   676.29452 (15020708)   761.25519 (15020708)
752.81976 (15020708)
 4191425.2 | 538.39223 (17031607)   682.57393 (15020708)   786.88874 (15020708)   791.30389 (15020708)
863.75438 (15012009)
 4191405.2 | 685.59422 (15020708)   811.52876 (15020708)   831.28883 (15020708)   897.02828 (15012009)
898.48202 (15012009)
 4191385.2 | 832.74871 (15020708)   870.47964 (15020708)   930.13563 (15012009)   941.29759 (15012009)
830.63449 (15012009)
 4191365.2 | 911.75246 (15020708)   963.48649 (15012009)   985.61928 (15012009)   874.29382 (15012009)
678.06013 (15012009)
 4191345.2 | 999.98366 (15012009)   1033.37853 (15012009)   920.43711 (15012009)   713.34288 (15012009)
747.60950 (16122217)
 4191325.2 | 1085.57097 (15012009)   972.29727 (15012009)   752.94793 (15012009)   785.53193 (16122217)
761.90311 (16122217)
 4191305.2 | 1028.57314 (15012009)   796.12707 (15012009)   826.25037 (16122217)   792.51353 (16122217)
822.68969 (16120517)
 4191285.2 | 843.39422 (15012009)   870.08462 (16122217)   824.53200 (16122217)   865.08122 (16120517)
804.68952 (16120517)
 4191265.2 | 917.19478 (16122217)   880.25018 (16120517)   908.40413 (16120517)   827.04558 (16120517)
858.41974 (14012907)
 4191245.2 | 941.06553 (16120517)   952.84058 (16120517)   848.53922 (14012907)   917.68714 (14012907)
896.33838 (14012907)
 4191225.2 | 997.72342 (16120517)   927.10596 (14012907)   975.97810 (14012907)   925.66367 (14012907)
797.85539 (14012907)
 4191205.2 | 1009.30612 (14012907)   1032.07301 (14012907)   948.29714 (14012907)   855.19000 (14010709)
858.78679 (14010709)
 4191185.2 | 1084.07742 (14012907)   962.52719 (14012907)   923.43543 (14010709)   884.27073 (14010709)
793.49581 (13121017)
 4191165.2 | 966.98960 (14012907)   979.38481 (14010709)   891.75212 (14010709)   853.30113 (13011717)
941.49304 (13011717)
 4191145.2 | 1021.85958 (14010709)   904.68783 (13121017)   984.77528 (13011717)   1025.97116 (13011717)
980.13326 (13011717)
 4191125.2 | 1023.26728 (13011717)   1102.91774 (13011717)   1079.11275 (13011717)   969.37843 (13011717)

817.97310 (13011617)
 4191105.2 | 1188.31813 (13011717)   1095.36007 (13011717)   923.21563 (13011717)   767.53472 (13011617)
601.64028 (13011617)
 4191085.2 | 1059.36269 (13011717)   873.89173 (13011617)   690.30300 (13011617)   604.56482 (17122817)
684.79249 (17122817)
 4191065.2 | 789.36988 (13011617)   681.55448 (17122817)   780.93565 (13121117)   869.92883 (13121117)
911.88059 (13121117)
 4191045.2 | 894.22803 (13121117)   980.51043 (13121117)   1009.78499 (13121117)   983.53164 (13121117)
910.69726 (14121317)
 4191025.2 | 1113.86615 (13121117)   1061.69396 (13121117)   1052.77922 (14121317)   1069.73983 (14121317)
1054.72914 (14121317)
 4191005.2 | 1211.24833 (14121317)   1203.61337 (14121317)   1157.82424 (14121317)   1087.04060 (13010717)
1087.28275 (13010717)
 4190985.2 | 1254.53021 (14121317)   1235.50246 (13010717)   1187.92398 (13010717)   1106.29200 (13010717)
1000.42485 (13010717)
 4190965.2 | 1245.85503 (13010717)   1117.29944 (13010717)   969.98264 (13010717)   818.64351 (13010717)
717.37459 (14010417)
 4190945.2 | 889.54875 (13010717)   849.68196 (14122717)   843.04686 (14122717)   819.83047 (14122717)
782.20763 (14122717)
 4190925.2 | 932.43266 (14091907)   955.51168 (14091907)   964.71276 (14091907)   961.73257 (14091907)
947.38457 (14091907)
 4190905.2 | 1137.93875 (14091907)   1082.96027 (14091907)   1020.58513 (14091907)   953.10078 (14091907)
882.32941 (14091907)
 4190885.2 | 984.31381 (13020407)   982.14813 (13020407)   976.05258 (13020407)   966.67135 (13020407)
953.93861 (13020407)
 4190865.2 | 1245.40977 (13020407)   1193.05364 (13020407)   1141.07346 (13020407)   1090.17950 (13020407)
1039.63081 (13020407)
 4190845.2 | 1278.93383 (13121617)   1231.44819 (13121617)   1186.81682 (13121617)   1144.73554 (13121617)
1104.44933 (13121617)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: PLAPM
***
                               INCLUDING SOURCE(S):   PLAPM   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560517.30   560537.30   560557.30   560577.30
560597.30
 -
- - - - - - - -

 4190825.2 | 1400.37530 (13121617)   1336.22245 (13121617)   1276.72456 (13121617)   1221.33670 (13121617)
1169.72312 (13121617)
 4190805.2 | 1408.16820 (17111317)   1321.96652 (17111317)   1242.33510 (17111317)   1168.81311 (17111317)
1100.80727 (17111317)
 4190785.2 | 1558.33198 (17111317)   1492.10222 (17111317)   1428.14181 (17111317)   1366.54499 (17111317)
1307.47425 (17111317)
 4190765.2 | 1217.06020 (17111317)   1203.89042 (17111317)   1187.81452 (17111317)   1169.21855 (17111317)
1148.59256 (17111317)
 4190745.2 | 948.00725 (13122807)   904.39107 (13122807)   858.16477 (13122807)   810.51148 (13122807)
762.25321 (13122807)
 4190725.2 | 782.21535 (13122807)   787.20331 (13122807)   784.65896 (13122807)   775.49878 (13122807)
760.74106 (13122807)
 4190705.2 | 931.52017 (13012507)   851.28115 (13012507)   767.17035 (13012507)   683.03043 (13012507)
601.62196 (13012507)
 4190685.2 | 911.63097 (13012507)   896.64954 (13012507)   864.96587 (13012507)   820.07169 (13012507)
765.84351 (13012507)
 4190665.2 | 672.02250 (13012507)   719.75190 (13012507)   750.86319 (13012507)   765.32177 (13012507)
763.95614 (13012507)

 4190645.2 | 685.05713 (15021908)   662.41750 (15021908)   616.30199 (15021908)   556.92543 (13012507)
600.06401 (13012507)
 *** AERMOD - VERSION 24142 ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION 18081 ***   ***   ***
  09:59:03

PAGE 1289
 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: PLAPM
***
                                INCLUDING SOURCE(S):   PLAPM   ,

                                 *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                      ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560617.30   560637.30   560657.30   560677.30
560697.30
 -
- - - - - - - -

 4191625.2 | 491.10640 (17031607)   495.99835 (17031607)   433.64281 (17031607)   333.63232 (15020708)
439.03471 (15020708)
 4191605.2 | 518.15821 (17031607)   469.56012 (17031607)   368.70844 (17031607)   436.17462 (15020708)
526.73302 (15020708)
 4191585.2 | 502.88037 (17031607)   407.17017 (17031607)   429.77328 (15020708)   530.03712 (15020708)
586.34689 (15020708)
 4191565.2 | 448.90078 (17031607)   422.25250 (15020708)   532.52496 (15020708)   600.12635 (15020708)
607.95352 (15020708)
 4191545.2 | 415.93203 (15020708)   536.50780 (15020708)   616.17204 (15020708)   633.62794 (15020708)
655.94109 (15012009)
 4191525.2 | 539.86261 (15020708)   632.80202 (15020708)   660.59874 (15020708)   675.22346 (15012009)
722.67769 (15012009)
 4191505.2 | 645.80229 (15020708)   685.60646 (15020708)   691.42558 (15012009)   748.13710 (15012009)
721.84774 (15012009)
 4191485.2 | 710.86376 (15020708)   708.52222 (15012009)   774.27581 (15012009)   752.00337 (15012009)
653.01617 (15012009)
 4191465.2 | 725.73713 (15012009)   802.46630 (15012009)   784.28715 (15012009)   682.45149 (15012009)
536.08893 (14122009)
 4191445.2 | 831.92501 (15012009)   819.30429 (15012009)   715.09859 (15012009)   558.49202 (14122009)
593.50093 (16122217)
 4191425.2 | 857.59603 (15012009)   751.01390 (15012009)   584.16940 (15012009)   620.64070 (16122217)
629.74601 (16122217)
 4191405.2 | 789.71188 (15012009)   613.60205 (15012009)   649.90836 (16122217)   654.17125 (16122217)
635.32551 (16120517)
 4191385.2 | 644.76874 (15012009)   680.91066 (16122217)   679.73189 (16122217)   669.93709 (16120517)
679.74616 (16120517)
 4191365.2 | 713.86546 (16122217)   706.45713 (16122217)   706.21323 (16120517)   705.74581 (16120517)
638.02039 (16120517)
 4191345.2 | 733.84918 (16122217)   744.16629 (16120517)   731.99630 (16120517)   648.97743 (16120517)
697.30190 (14012907)
 4191325.2 | 782.98370 (16120517)   757.66623 (16120517)   688.29725 (14012907)   741.11472 (14012907)
732.87385 (14012907)
 4191305.2 | 781.58400 (16120517)   743.40432 (14012907)   783.70873 (14012907)   757.04917 (14012907)
674.67181 (14012907)
 4191285.2 | 799.64533 (14012907)   823.43658 (14012907)   775.78189 (14012907)   673.00475 (14012907)
692.51573 (14010709)
 4191265.2 | 861.80040 (14012907)   789.84582 (14012907)   708.63371 (14010709)   731.08536 (14010709)
687.73384 (14010709)
 4191245.2 | 797.57756 (14012907)   767.39952 (14010709)   759.87979 (14010709)   687.53517 (13121017)
643.08116 (15120217)
 4191225.2 | 818.63804 (14010709)   776.28269 (14010709)   704.24911 (13121017)   717.61545 (13011717)
779.83251 (13011717)
 4191205.2 | 777.77863 (14010709)   731.82220 (15120217)   811.54237 (13011717)   840.24191 (13011717)
807.97075 (13011717)
 4191185.2 | 836.80480 (13011717)   892.50763 (13011717)   878.38010 (13011717)   803.10001 (13011717)

693.28604 (13011617)
 4191165.2 | 951.52158 (13011717)   887.94758 (13011717)   769.74546 (13011717)   667.06981 (13011617)
548.75343 (13011617)
 4191145.2 | 864.75072 (13011717)   738.81175 (13011617)   612.87777 (13011617)   474.76086 (13011617)
468.73064 (14111317)
 4191125.2 | 684.11195 (13011617)   531.22146 (13011617)   502.12803 (14111317)   556.96370 (17122817)
613.40622 (13121117)
 4191105.2 | 537.36796 (14111317)   602.77387 (17122817)   676.16434 (13121117)   735.97019 (13121117)
760.20544 (13121117)
 4191085.2 | 771.69222 (13121117)   821.19782 (13121117)   829.84881 (13121117)   801.78446 (13121117)
741.70261 (13121117)
 4191065.2 | 906.33672 (13121117)   857.90614 (13121117)   830.96462 (14121317)   852.14205 (14121317)
851.76116 (13012308)
 4191045.2 | 944.35408 (14121317)   950.58859 (14121317)   931.38151 (14121317)   890.62854 (14121317)
860.35283 (13010717)
 4191025.2 | 1011.71389 (14121317)   964.72169 (13010717)   965.81544 (13010717)   938.73954 (13010717)
887.93648 (13010717)
 4191005.2 | 1051.38889 (13010717)   986.52338 (13010717)   901.60567 (13010717)   803.53893 (13010717)
699.60824 (13010717)
 4190985.2 | 880.05753 (13010717)   755.12330 (13010717)   647.58704 (14010417)   616.43346 (14010417)
613.40664 (14122717)
 4190965.2 | 716.19638 (14122717)   716.42757 (14122717)   703.50462 (14122717)   678.43977 (14122717)
643.95397 (14122717)
 4190945.2 | 740.96941 (14091907)   763.91528 (14091907)   777.16467 (14091907)   781.15800 (14091907)
776.65168 (14091907)
 4190925.2 | 922.72244 (14091907)   890.20572 (14091907)   850.93676 (14091907)   806.36680 (14091907)
758.16862 (14091907)
 4190905.2 | 809.95319 (14091907)   738.47234 (14091907)   668.72552 (14091907)   661.45651 (13020407)
667.74597 (13020407)
 4190885.2 | 938.04603 (13020407)   920.38463 (13020407)   900.81952 (13020407)   879.64308 (13020407)
857.10310 (13020407)
 4190865.2 | 989.89909 (13020407)   942.17356 (13020407)   895.94297 (13020407)   851.33844 (13020407)
808.42530 (13020407)
 4190845.2 | 1066.51762 (13121617)   1031.00517 (13121617)   997.30178 (13121617)   965.30474 (13121617)
934.88009 (13121617)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: PLAPM
***
                               INCLUDING SOURCE(S):   PLAPM   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560617.30   560637.30   560657.30   560677.30
560697.30
 -
- - - - - - - -

 4190825.2 | 1121.61083 (13121617)   1076.63842 (13121617)   1034.51338 (13121617)   995.00977 (13121617)
957.96687 (13121617)
 4190805.2 | 1037.83765 (17111317)   979.51278 (17111317)   925.39989 (17111317)   875.17513 (17111317)
828.45391 (17111317)
 4190785.2 | 1250.87680 (17111317)   1196.52623 (17111317)   1144.64416 (17111317)   1095.15938 (17111317)
1047.96446 (17111317)
 4190765.2 | 1126.27219 (17111317)   1102.59473 (17111317)   1077.79440 (17111317)   1052.34219 (17111317)
1026.21855 (17111317)
 4190745.2 | 755.33647 (17111317)   764.93950 (17111317)   771.83817 (17111317)   776.21737 (17111317)
778.33733 (17111317)
 4190725.2 | 741.28574 (13122807)   718.12388 (13122807)   692.02934 (13122807)   663.82754 (13122807)
634.19277 (13122807)

 4190705.2 | 600.84695 (13122807)   608.97618 (13122807)   612.06932 (13122807)   610.60197 (13122807)
605.01820 (13122807)
 4190685.2 | 705.67134 (13012507)   642.38656 (13012507)   578.74856 (13012507)   516.52265 (13012507)
466.41303 (13122807)
 4190665.2 | 748.86195 (13012507)   722.31616 (13012507)   686.64287 (13012507)   644.31198 (13012507)
597.60299 (13012507)
 4190645.2 | 631.08567 (13012507)   649.79180 (13012507)   656.43057 (13012507)   651.88823 (13012507)
637.57565 (13012507)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: PLAPM
***
                               INCLUDING SOURCE(S):   PLAPM   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560717.30   560737.30   560757.30   560777.30
560797.30
 -
- - - - - - - -

 4191625.2 | 519.99359 (15020708)   557.36080 (15020708)   543.51605 (15020708)   594.08182 (15012009)
608.83450 (15012009)
 4191605.2 | 572.24525 (15020708)   564.00198 (15020708)   607.77842 (15012009)   628.21734 (15012009)
590.04060 (15012009)
 4191585.2 | 584.34430 (15020708)   619.87033 (15012009)   645.77976 (15012009)   611.28994 (15012009)
525.35907 (15012009)
 4191565.2 | 637.83578 (15012009)   669.06549 (15012009)   632.93885 (15012009)   545.09826 (15012009)
441.21931 (14122009)
 4191545.2 | 695.21066 (15012009)   662.04049 (15012009)   569.55670 (15012009)   457.14650 (14122009)
475.85622 (16122217)
 4191525.2 | 691.76251 (15012009)   597.08532 (15012009)   476.82850 (14122009)   496.83235 (16122217)
518.64374 (16122217)
 4191505.2 | 624.62720 (15012009)   495.78891 (14122009)   520.76684 (16122217)   541.48310 (16122217)
511.30325 (16122217)
 4191485.2 | 515.70986 (14122009)   544.16306 (16122217)   562.82681 (16122217)   528.08243 (16122217)
552.34622 (16120517)
 4191465.2 | 568.16070 (16122217)   584.50961 (16122217)   543.64617 (16122217)   577.56947 (16120517)
564.96755 (16120517)
 4191445.2 | 606.04047 (16122217)   571.01609 (16120517)   603.00845 (16120517)   581.86917 (16120517)
515.91233 (16120517)
 4191425.2 | 601.64828 (16120517)   627.46099 (16120517)   597.26685 (16120517)   533.06021 (14012907)
581.93032 (14012907)
 4191405.2 | 652.90392 (16120517)   611.01487 (16120517)   571.74126 (14012907)   614.66367 (14012907)
614.08446 (14012907)
 4191385.2 | 625.06692 (16120517)   612.47183 (14012907)   645.76749 (14012907)   632.98430 (14012907)
577.87184 (14012907)
 4191365.2 | 654.67014 (14012907)   676.72185 (14012907)   649.06998 (14012907)   580.26486 (14012907)
550.38918 (14010709)
 4191345.2 | 706.01566 (14012907)   662.02263 (14012907)   577.65692 (14012907)   592.29058 (14010709)
593.25386 (14010709)
 4191325.2 | 670.81427 (14012907)   596.41375 (14010709)   627.84845 (14010709)   607.44231 (14010709)
556.56939 (13121017)
 4191305.2 | 646.76705 (14010709)   657.17894 (14010709)   613.97966 (14010709)   567.24720 (13121017)
554.76469 (15120217)
 4191285.2 | 677.74269 (14010709)   617.28834 (13121017)   569.39002 (15120217)   613.33496 (13011717)
657.73768 (13011717)
 4191265.2 | 630.66732 (13121017)   623.01760 (15120217)   682.77276 (13011717)   702.44253 (13011717)
678.47290 (13011717)
 4191245.2 | 704.28082 (13011717)   742.28254 (13011717)   730.14435 (13011717)   675.69500 (13011717)

591.86281 (13011617)
 4191225.2 | 786.66508 (13011717)   739.97055 (13011717)   652.27342 (13011717)   578.85198 (13011617)
494.59700 (13011617)
 4191205.2 | 725.57138 (13011717)   634.36524 (13011617)   546.06088 (13011617)   442.34364 (13011617)
365.63301 (14111317)
 4191185.2 | 603.44854 (13011617)   492.47260 (13011617)   390.76071 (14111317)   408.17043 (14111317)
421.76123 (17122817)
 4191165.2 | 423.36224 (13011617)   436.73751 (14111317)   460.57335 (17122817)   506.99127 (17122817)
552.78863 (13121117)
 4191145.2 | 506.21428 (17122817)   552.14964 (17122817)   607.43189 (13121117)   643.75451 (13121117)
652.41659 (13121117)
 4191125.2 | 669.83780 (13121117)   699.38194 (13121117)   699.68584 (13121117)   672.06215 (13121117)
621.03855 (13121117)
 4191105.2 | 747.29770 (13121117)   706.69799 (13121117)   676.34506 (14121317)   697.97013 (14121317)
707.75961 (13012308)
 4191085.2 | 759.73814 (14121317)   772.46092 (14121317)   773.05477 (13012308)   752.74442 (13012308)
712.83207 (13012308)
 4191065.2 | 835.19924 (13012308)   794.16699 (13012308)   776.92716 (13010717)   780.67977 (13010717)
764.78582 (13010717)
 4191045.2 | 864.65785 (13010717)   844.63085 (13010717)   803.42579 (13010717)   747.04377 (13010717)
679.71012 (13010717)
 4191025.2 | 818.84033 (13010717)   737.78844 (13010717)   650.21347 (13010717)   561.87328 (13010717)
513.15912 (14010417)
 4191005.2 | 595.99121 (13010717)   564.33521 (14010417)   536.59104 (14010417)   532.57221 (14122717)
539.06298 (14122717)
 4190985.2 | 617.80327 (14122717)   611.14111 (14122717)   594.94669 (14122717)   570.07863 (14122717)
538.62709 (14122717)
 4190965.2 | 607.45518 (14091907)   628.22903 (14091907)   642.14284 (14091907)   649.18984 (14091907)
649.78096 (14091907)
 4190945.2 | 764.40322 (14091907)   745.36664 (14091907)   720.52854 (14091907)   690.99899 (14091907)
657.85254 (14091907)
 4190925.2 | 707.62035 (14091907)   655.99446 (14091907)   604.35351 (14091907)   553.59257 (14091907)
504.36029 (14091907)
 4190905.2 | 671.41905 (13020407)   672.67460 (13020407)   671.68340 (13020407)   668.75969 (13020407)
663.92948 (13020407)
 4190885.2 | 833.62191 (13020407)   809.25890 (13020407)   784.40690 (13020407)   759.22000 (13020407)
733.80614 (13020407)
 4190865.2 | 767.24585 (13020407)   727.84136 (13020407)   694.10674 (13010817)   667.22265 (13010817)
641.18118 (13010817)
 4190845.2 | 905.94518 (13121617)   878.39551 (13121617)   852.11524 (13121617)   827.04207 (13121617)
803.16305 (13121617)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: PLAPM
***
                                INCLUDING SOURCE(S):   PLAPM   ,

                                 *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                      ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560717.30   560737.30   560757.30   560777.30
560797.30
 -
- - - - - - - -

 4190825.2 | 923.08335 (13121617)   890.25233 (13121617)   859.26786 (13121617)   829.98970 (13121617)
802.35376 (13121617)
 4190805.2 | 784.99040 (17111317)   744.55234 (17111317)   706.80610 (17111317)   671.50399 (17111317)
638.46288 (17111317)
 4190785.2 | 1002.98015 (17111317)   959.94034 (17111317)   919.04627 (17111317)   880.18457 (17111317)
843.18123 (17111317)

 4190765.2 | 999.67161 (17111317)   973.16914 (17111317)   946.42869 (17111317)   919.91787 (17111317)
893.50928 (17111317)
 4190745.2 | 778.33980 (17111317)   776.39404 (17111317)   772.91238 (17111317)   767.72651 (17111317)
761.26526 (17111317)
 4190725.2 | 603.57078 (13122807)   572.59970 (13122807)   541.66645 (13122807)   511.08385 (13122807)
520.76185 (17111317)
 4190705.2 | 595.86374 (13122807)   583.64704 (13122807)   568.89109 (13122807)   552.07093 (13122807)
533.64992 (13122807)
 4190685.2 | 478.70007 (13122807)   487.36237 (13122807)   492.57379 (13122807)   494.55617 (13122807)
493.55114 (13122807)
 4190665.2 | 548.54676 (13012507)   498.86333 (13012507)   449.90681 (13012507)   402.73371 (13012507)
381.20061 (13122807)
 4190645.2 | 615.04153 (13012507)   585.96415 (13012507)   552.03892 (13012507)   514.84572 (13012507)
475.78331 (13012507)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: PLAPM
***
                                INCLUDING SOURCE(S):   PLAPM   ,

                                 *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                      ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560817.30   560837.30   560857.30   560877.30
560897.30
 -
- - - - - - - -

 4191625.2 | 568.82779 (15012009)   486.98902 (15012009)   399.88183 (14122009)   414.52737 (14122009)
440.23288 (16122217)
 4191605.2 | 505.87082 (15012009)   413.26283 (14122009)   427.64015 (14122009)   455.33387 (16122217)
447.21525 (16122217)
 4191585.2 | 427.05358 (14122009)   442.23082 (16122217)   470.32989 (16122217)   459.75552 (16122217)
445.05329 (16120517)
 4191565.2 | 458.46239 (16122217)   485.89608 (16122217)   471.34844 (16122217)   464.21576 (16120517)
481.29071 (16120517)
 4191545.2 | 501.08476 (16122217)   483.91178 (16122217)   484.52954 (16120517)   497.26957 (16120517)
473.91063 (16120517)
 4191525.2 | 495.55726 (16122217)   505.65215 (16120517)   513.79787 (16120517)   483.50122 (16120517)
425.26568 (14012907)
 4191505.2 | 526.07522 (16120517)   529.87866 (16120517)   492.97509 (16120517)   455.12536 (14012907)
493.59333 (14012907)
 4191485.2 | 546.32162 (16120517)   500.93771 (16120517)   485.25975 (14012907)   519.48063 (14012907)
522.48716 (14012907)
 4191465.2 | 509.37479 (16120517)   517.04732 (14012907)   544.33386 (14012907)   537.98410 (14012907)
502.37887 (14012907)
 4191445.2 | 549.01208 (14012907)   569.07011 (14012907)   552.90971 (14012907)   505.41745 (14012907)
438.95246 (14010709)
 4191425.2 | 592.06182 (14012907)   564.15896 (14012907)   505.75669 (14012907)   476.20247 (14010709)
501.16481 (14010709)
 4191405.2 | 573.02105 (14012907)   501.72150 (14012907)   510.78896 (14010709)   523.27563 (14010709)
498.70699 (14010709)
 4191385.2 | 505.79263 (14010709)   540.49356 (14010709)   537.86702 (14010709)   498.81171 (14010709)
471.18629 (13121017)
 4191365.2 | 568.20452 (14010709)   545.70349 (14010709)   505.12305 (13121017)   470.45272 (13121017)
485.76820 (15120217)
 4191345.2 | 550.10953 (14010709)   512.79506 (13121017)   497.45388 (15120217)   533.53405 (13011717)
567.09354 (13011717)
 4191325.2 | 514.46500 (13121017)   536.46813 (13011717)   584.64905 (13011717)   600.87536 (13011717)
582.84379 (13011717)
 4191305.2 | 601.36620 (13011717)   627.65364 (13011717)   620.80775 (13011717)   581.36190 (13011717)

515.43206 (13011717)
 4191285.2 | 662.08504 (13011717)   625.94939 (13011717)   562.75910 (13011717)   508.74431 (13011617)
447.91816 (13011617)
 4191265.2 | 617.61255 (13011717)   546.34681 (13011617)   484.96524 (13011617)   409.35882 (13011617)
328.95950 (13011617)
 4191245.2 | 530.64953 (13011617)   448.22019 (13011617)   360.56440 (13011617)   323.48192 (14111317)
339.92981 (14111317)
 4191225.2 | 399.40557 (13011617)   342.69085 (14111317)   359.61103 (14111317)   357.35380 (14111317)
398.58572 (17122817)
 4191205.2 | 383.13004 (14111317)   387.05430 (17122817)   431.42888 (17122817)   458.31822 (17122817)
497.66339 (13121117)
 4191185.2 | 468.11129 (17122817)   503.57648 (13121117)   543.08695 (13121117)   563.07457 (13121117)
563.46930 (13121117)
 4191165.2 | 591.98575 (13121117)   607.29226 (13121117)   599.86436 (13121117)   572.28851 (13121117)
528.40985 (13121117)
 4191145.2 | 636.09476 (13121117)   597.41142 (13121117)   563.94429 (14121317)   584.11188 (14121317)
597.33454 (13012308)
 4191125.2 | 628.06895 (14121317)   642.63756 (14121317)   651.97690 (13012308)   644.86697 (13012308)
622.14948 (13012308)
 4191105.2 | 704.68434 (13012308)   682.73004 (13012308)   644.80917 (13012308)   642.78523 (13010717)
647.61901 (13010717)
 4191085.2 | 703.92300 (13010717)   709.16883 (13010717)   697.12716 (13010717)   670.37679 (13010717)
632.01582 (13010717)
 4191065.2 | 731.91903 (13010717)   685.74708 (13010717)   629.25066 (13010717)   566.59637 (13010717)
500.99541 (13010717)
 4191045.2 | 605.99943 (13010717)   530.25286 (13010717)   464.27004 (14010417)   456.90235 (14010417)
441.47476 (14010417)
 4191025.2 | 496.91441 (14010417)   472.11287 (14010417)   467.69985 (14122717)   475.22585 (14122717)
475.38832 (14122717)
 4191005.2 | 536.55004 (14122717)   526.10106 (14122717)   508.63366 (14122717)   485.04046 (14122717)
456.85987 (14122717)
 4190985.2 | 509.45648 (14091907)   527.89552 (14091907)   541.17583 (14091907)   549.49323 (14091907)
552.81129 (14091907)
 4190965.2 | 644.36128 (14091907)   633.60846 (14091907)   618.13468 (14091907)   598.57087 (14091907)
575.60048 (14091907)
 4190945.2 | 622.05907 (14091907)   584.54651 (14091907)   546.07914 (14091907)   507.28337 (14091907)
468.84438 (14091907)
 4190925.2 | 469.98031 (17120217)   477.94708 (13020407)   485.43393 (13020407)   491.26710 (13020407)
495.57459 (13020407)
 4190905.2 | 657.49138 (13020407)   649.54378 (13020407)   640.29757 (13020407)   629.97884 (13020407)
618.59683 (13020407)
 4190885.2 | 708.46412 (13020407)   683.25192 (13020407)   658.26066 (13020407)   633.65111 (13020407)
609.54490 (13020407)
 4190865.2 | 615.98270 (13010817)   600.99925 (13121617)   590.42524 (13121617)   580.05179 (13121617)
569.93871 (13121617)
 4190845.2 | 780.32284 (13121617)   758.42300 (13121617)   737.53843 (13121617)   717.58120 (13121617)
698.41346 (13121617)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: PLAPM
***
                               INCLUDING SOURCE(S):   PLAPM   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560817.30   560837.30   560857.30   560877.30
560897.30
 -
- - - - - - - -

 4190825.2 | 776.18449 (13121617)   751.43707 (13121617)   727.94947 (13121617)   705.61699 (13121617)
684.41425 (13121617)
 4190805.2 | 607.61498 (17111317)   584.29247 (13121617)   567.39871 (13121617)   551.34300 (13121617)
536.06066 (13121617)
 4190785.2 | 807.92162 (17111317)   774.39748 (17111317)   742.53500 (17111317)   712.22150 (17111317)
683.35408 (17111317)
 4190765.2 | 867.53960 (17111317)   841.88943 (17111317)   816.74089 (17111317)   792.05230 (17111317)
767.89103 (17111317)
 4190745.2 | 753.57829 (17111317)   744.89740 (17111317)   735.28166 (17111317)   724.89773 (17111317)
713.82597 (17111317)
 4190725.2 | 529.14955 (17111317)   536.08042 (17111317)   541.67496 (17111317)   545.96231 (17111317)
549.03357 (17111317)
 4190705.2 | 513.97801 (13122807)   493.43278 (13122807)   472.30027 (13122807)   450.89728 (13122807)
429.41667 (13122807)
 4190685.2 | 489.86313 (13122807)   483.75860 (13122807)   475.62098 (13122807)   465.69165 (13122807)
454.22469 (13122807)
 4190665.2 | 392.01192 (13122807)   400.29412 (13122807)   406.14103 (13122807)   409.65003 (13122807)
410.95122 (13122807)
 4190645.2 | 436.06176 (13012507)   396.68913 (13012507)   358.41195 (13012507)   328.26846 (17123017)
318.53404 (13122807)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: PLAPM
***
                               INCLUDING SOURCE(S):   PLAPM   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560917.30   560937.30   560957.30   560977.30
560997.30
 -
- - - - - - - -

 4191625.2 | 435.02307 (16122217)   407.31341 (16120517)   433.94820 (16120517)   432.25617 (16120517)
403.84076 (16120517)
 4191605.2 | 425.78547 (16120517)   449.76336 (16120517)   443.49413 (16120517)   409.49857 (16120517)
372.72421 (14012907)
 4191585.2 | 465.87815 (16120517)   454.46633 (16120517)   414.52375 (16120517)   395.92927 (14012907)
427.85893 (14012907)
 4191565.2 | 464.23569 (16120517)   418.17237 (16120517)   419.81628 (14012907)   448.08694 (14012907)
453.12486 (14012907)
 4191545.2 | 420.97034 (16120517)   443.50436 (14012907)   467.48814 (14012907)   466.09623 (14012907)
440.98774 (14012907)
 4191525.2 | 468.27953 (14012907)   486.10753 (14012907)   477.18227 (14012907)   444.16371 (14012907)
393.29358 (14012907)
 4191505.2 | 504.58849 (14012907)   487.31666 (14012907)   445.87633 (14012907)   387.57788 (14012907)
417.21652 (14010709)
 4191485.2 | 495.75601 (14012907)   445.14308 (14012907)   414.16874 (14010709)   441.81671 (14010709)
442.54789 (14010709)
 4191465.2 | 442.57683 (14012907)   445.11372 (14010709)   463.43992 (14010709)   452.47965 (14010709)
416.37912 (13121017)
 4191445.2 | 475.23496 (14010709)   480.55079 (14010709)   455.82524 (14010709)   427.45363 (13121017)
399.45624 (13121017)
 4191425.2 | 492.78686 (14010709)   454.29730 (14010709)   433.08468 (13121017)   409.56809 (15120217)
429.01632 (15120217)
 4191405.2 | 463.83445 (13121017)   432.24919 (13121017)   441.83622 (15120217)   470.29843 (13011717)
495.79119 (13011717)
 4191385.2 | 450.85906 (15120217)   475.29743 (13011717)   511.25295 (13011717)   522.22675 (13011717)
507.98672 (13011717)
 4191365.2 | 524.10188 (13011717)   545.52731 (13011717)   539.01882 (13011717)   507.35672 (13011717)

455.95667 (13011717)
 4191345.2 | 570.16750 (13011717)   544.40758 (13011717)   494.90226 (13011717)   450.33017 (13011617)
406.07557 (13011617)
 4191325.2 | 536.70693 (13011717)   481.08311 (13011617)   437.60514 (13011617)   379.64473 (13011617)
315.09033 (13011617)
 4191305.2 | 471.74492 (13011617)   412.12987 (13011617)   343.50972 (13011617)   273.81531 (13011617)
275.29016 (14111317)
 4191285.2 | 375.16024 (13011617)   299.83947 (13011617)   290.18186 (14111317)   304.49214 (14111317)
304.36979 (14111317)
 4191265.2 | 306.36340 (14111317)   321.44148 (14111317)   320.56514 (14111317)   342.79537 (17122817)
371.91027 (17122817)
 4191245.2 | 338.16258 (14111317)   369.29833 (17122817)   398.27906 (17122817)   421.65906 (13121117)
450.26473 (13121117)
 4191225.2 | 426.97308 (17122817)   457.97300 (13121117)   484.79006 (13121117)   496.08801 (13121117)
491.80575 (13121117)
 4191205.2 | 521.93982 (13121117)   528.75912 (13121117)   519.21889 (13121117)   493.14057 (13121117)
454.60969 (13121117)
 4191185.2 | 544.56772 (13121117)   510.23064 (13121117)   478.36377 (14121317)   497.02634 (14121317)
509.96962 (13012308)
 4191165.2 | 529.08625 (14121317)   542.84780 (14121317)   554.91631 (13012308)   556.80629 (13012308)
546.05477 (13012308)
 4191145.2 | 602.01762 (13012308)   591.74375 (13012308)   568.95864 (13012308)   536.41981 (13012308)
545.78829 (13010717)
 4191125.2 | 586.71053 (13012308)   590.92613 (13010717)   595.91875 (13010717)   588.87268 (13010717)
570.51752 (13010717)
 4191105.2 | 638.70288 (13010717)   617.27822 (13010717)   584.74258 (13010717)   544.03697 (13010717)
497.97316 (13010717)
 4191085.2 | 584.30027 (13010717)   530.59155 (13010717)   473.89079 (13010717)   416.74288 (13010717)
380.88438 (14010417)
 4191065.2 | 436.01422 (13010717)   417.94264 (14010417)   409.99967 (14010417)   395.40842 (14010417)
375.35708 (14010417)
 4191045.2 | 419.14867 (14010417)   414.90858 (14122717)   422.77164 (14122717)   424.68080 (14122717)
421.08693 (14122717)
 4191025.2 | 469.14616 (14122717)   456.79143 (14122717)   438.87166 (14122717)   417.13191 (14122717)
392.19737 (14122717)
 4191005.2 | 435.32600 (14091907)   451.30527 (14091907)   463.08161 (14091907)   471.63653 (14091907)
476.60312 (14091907)
 4190985.2 | 551.76738 (14091907)   545.82050 (14091907)   535.53194 (14091907)   522.30993 (14091907)
506.51479 (14091907)
 4190965.2 | 550.08821 (14091907)   522.75741 (14091907)   493.32196 (14091907)   463.35186 (14091907)
433.38572 (14091907)
 4190945.2 | 433.72469 (17120217)   408.90279 (17120217)   383.13908 (17120217)   366.52159 (13010217)
362.21598 (13020407)
 4190925.2 | 498.45276 (13020407)   500.17531 (13020407)   499.86154 (13020407)   498.44333 (13020407)
496.18356 (13020407)
 4190905.2 | 606.46743 (13020407)   593.84447 (13020407)   579.72464 (13020407)   565.40223 (13020407)
551.02348 (13020407)
 4190885.2 | 585.83011 (13020407)   562.92325 (13020407)   540.22787 (13020407)   517.86312 (13020407)
496.28788 (13020407)
 4190865.2 | 559.92797 (13121617)   550.14310 (13121617)   540.65089 (13121617)   530.82821 (13121617)
520.83308 (13121617)
 4190845.2 | 679.99006 (13121617)   662.37269 (13121617)   645.71428 (13121617)   629.36336 (13121617)
612.79467 (13121617)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: PLAPM
***
                                INCLUDING SOURCE(S):   PLAPM   ,

                                 *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                      ** CONC OF PM_10   IN MICROGRAMS/M**3   **

```
  Y-COORD  |                                                X-COORD (METERS)
  (METERS) |       560917.30              560937.30              560957.30              560977.30
560997.30
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

 4190825.2 |    664.22780 (13121617)    645.01210 (13121617)    626.69534 (13121617)    609.41754 (13121617)
591.67693 (13121617)
 4190805.2 |    521.49850 (13121617)    507.59116 (13121617)    494.29038 (13121617)    481.73349 (13121617)
468.72969 (13121617)
 4190785.2 |    655.89814 (17111317)    629.78272 (17111317)    604.94857 (17111317)    581.42045 (17111317)
558.13656 (17111317)
 4190765.2 |    744.33083 (17111317)    721.36708 (17111317)    699.03076 (17111317)    677.47231 (17111317)
655.85829 (17111317)
 4190745.2 |    702.23308 (17111317)    690.18294 (17111317)    677.70776 (17111317)    665.27369 (17111317)
652.18399 (17111317)
 4190725.2 |    550.97244 (17111317)    551.83002 (17111317)    551.74762 (17111317)    550.77960 (17111317)
549.09316 (17111317)
 4190705.2 |    408.11526 (13122807)    387.10102 (13122807)    377.01883 (17111317)    384.56358 (17111317)
391.38964 (17111317)
 4190685.2 |    441.52108 (13122807)    427.84649 (13122807)    413.36774 (13122807)    398.32942 (13122807)
382.98896 (13122807)
 4190665.2 |    410.23311 (13122807)    407.69044 (13122807)    403.46599 (13122807)    397.75812 (13122807)
390.81478 (13122807)
 4190645.2 |    327.95517 (13122807)    335.54756 (13122807)    341.39754 (13122807)    345.52258 (13122807)
348.04077 (13122807)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                        ***
  09:59:03

PAGE  1297
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

                           *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  PLAPM
***
                               INCLUDING SOURCE(S):     PLAPM       ,

                                *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10    IN MICROGRAMS/M**3                         **

  Y-COORD  |                                              X-COORD (METERS)
  (METERS) |       561017.30              561037.30              561057.30              561077.30
561097.30
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

 4191625.2 |    354.77375 (16120517)    387.29013 (14012907)    407.24619 (14012907)    408.06174 (14012907)
390.49394 (14012907)
 4191605.2 |    407.50099 (14012907)    423.19635 (14012907)    418.44327 (14012907)    394.67239 (14012907)
356.14856 (14012907)
 4191585.2 |    438.07803 (14012907)    427.56284 (14012907)    397.86613 (14012907)    353.03976 (14012907)
346.37955 (14010709)
 4191565.2 |    434.77965 (14012907)    398.27829 (14012907)    348.53158 (14012907)    370.50041 (14010709)
385.21123 (14010709)
 4191545.2 |    396.94465 (14012907)    364.42398 (14010709)    392.71566 (14010709)    399.51421 (14010709)
384.67959 (14010709)
 4191525.2 |    391.92511 (14010709)    412.68604 (14010709)    410.04499 (14010709)    385.75504 (14010709)
367.14807 (13121017)
 4191505.2 |    428.97721 (14010709)    416.30649 (14010709)    385.93482 (13121017)    371.16965 (13121017)
342.70388 (15120217)
 4191485.2 |    417.82094 (14010709)    395.23552 (13121017)    370.59337 (13121017)    370.47586 (15120217)
382.80003 (13011717)
 4191465.2 |    400.04207 (13121017)    373.74500 (15120217)    394.22312 (15120217)    419.67949 (13011717)
439.18700 (13011717)
 4191445.2 |    403.70395 (15120217)    423.47297 (13011717)    451.34738 (13011717)    459.88481 (13011717)
448.51649 (13011717)
 4191425.2 |    462.11189 (13011717)    478.38293 (13011717)    473.07256 (13011717)    447.99093 (13011717)
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407.15629 (13011717)
 4191405.2 | 497.91525 (13011717)   477.54823 (13011717)   438.58468 (13011717)   401.37364 (13011617)
368.97629 (13011617)
 4191385.2 | 472.08221 (13011717)   425.32698 (13011617)   394.38801 (13011617)   350.42171 (13011617)
299.15814 (13011617)
 4191365.2 | 421.44890 (13011617)   377.08627 (13011617)   323.46460 (13011617)   266.54101 (13011617)
225.35911 (15120117)
 4191345.2 | 350.20496 (13011617)   289.55004 (13011617)   236.13763 (15120117)   249.20906 (14111317)
261.22520 (14111317)
 4191325.2 | 250.69069 (13011617)   261.66854 (14111317)   274.72306 (14111317)   275.20564 (14111317)
276.24156 (17122817)
 4191305.2 | 289.03531 (14111317)   289.29100 (14111317)   296.39088 (17122817)   324.14567 (17122817)
341.97186 (17122817)
 4191285.2 | 318.79313 (17122817)   346.92025 (17122817)   363.39291 (17122817)   386.70800 (13121117)
405.28705 (13121117)
 4191265.2 | 388.63851 (13121117)   417.17929 (13121117)   433.81237 (13121117)   439.06912 (13121117)
430.89025 (13121117)
 4191245.2 | 465.30609 (13121117)   465.20811 (13121117)   451.77694 (13121117)   428.20823 (13121117)
394.42900 (13121117)
 4191225.2 | 473.37894 (13121117)   442.30401 (13121117)   410.75868 (14121317)   427.70325 (14121317)
437.59034 (13012308)
 4191205.2 | 452.70644 (14121317)   466.71136 (14121317)   478.77427 (13012308)   482.92870 (13012308)
476.92214 (13012308)
 4191185.2 | 519.09273 (13012308)   516.47918 (13012308)   502.98303 (13012308)   479.41061 (13012308)
452.47211 (13010717)
 4191165.2 | 523.35872 (13012308)   491.14403 (13012308)   502.82566 (13010717)   505.84076 (13010717)
500.92071 (13010717)
 4191145.2 | 549.82760 (13010717)   543.49717 (13010717)   527.95184 (13010717)   503.42336 (13010717)
472.75419 (13010717)
 4191125.2 | 542.89976 (13010717)   507.53885 (13010717)   467.01213 (13010717)   423.46522 (13010717)
378.70371 (13010717)
 4191105.2 | 448.80999 (13010717)   397.91543 (13010717)   347.24094 (13010717)   346.57169 (14010417)
343.12428 (14010417)
 4191085.2 | 378.58660 (14010417)   369.63322 (14010417)   354.76544 (14010417)   336.79315 (14010417)
332.66126 (14122717)
 4191065.2 | 370.94024 (14122717)   378.60575 (14122717)   381.00077 (14122717)   378.54412 (14122717)
372.57840 (14122717)
 4191045.2 | 412.44902 (14122717)   399.35817 (14122717)   382.28789 (14122717)   360.36428 (14122717)
338.01675 (14122717)
 4191025.2 | 376.48100 (14091907)   390.86766 (14091907)   402.52447 (14091907)   410.41298 (14091907)
414.65537 (14091907)
 4191005.2 | 476.58283 (14091907)   474.65779 (14091907)   469.54509 (14091907)   461.10268 (14091907)
449.32200 (14091907)
 4190985.2 | 488.40100 (14091907)   468.27144 (14091907)   446.48978 (14091907)   423.76833 (14091907)
399.96571 (14091907)
 4190965.2 | 403.63047 (14091907)   377.30309 (17120217)   358.11492 (17120217)   338.82852 (17120217)
320.93505 (13010217)
 4190945.2 | 368.83909 (13020407)   374.33405 (13020407)   378.83587 (13020407)   383.33150 (13020407)
386.89288 (13020407)
 4190925.2 | 491.93958 (13020407)   487.62194 (13020407)   483.22174 (13020407)   478.63460 (13020407)
472.59010 (13020407)
 4190905.2 | 535.36297 (13020407)   521.09181 (13020407)   507.31807 (13020407)   493.40706 (13020407)
478.69108 (13020407)
 4190885.2 | 480.72088 (13010817)   467.48725 (13010817)   454.63452 (13010817)   441.50495 (13010817)
428.13494 (13010817)
 4190865.2 | 511.78725 (13121617)   503.49870 (13121617)   495.11440 (13121617)   486.58247 (13121617)
478.02911 (13121617)
 4190845.2 | 598.48322 (13121617)   584.26137 (13121617)   570.50291 (13121617)   557.12086 (13121617)
544.19193 (13121617)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: PLAPM
***

INCLUDING SOURCE(S): PLAPM ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	561017.30	561037.30	561057.30	561077.30	561097.30
4190825.2	576.55989 (13121617)	561.51455 (13121617)	546.96619 (13121617)	532.97996 (13121617)	519.57318 (13121617)
4190805.2	457.73342 (13121617)	446.74889 (13121617)	435.82221 (13121617)	425.51870 (13121617)	415.62080 (13121617)
4190785.2	537.29655 (17111317)	517.04524 (17111317)	497.37071 (17111317)	478.78924 (17111317)	461.07042 (17111317)
4190765.2	635.66591 (17111317)	615.91304 (17111317)	596.43783 (17111317)	577.80530 (17111317)	559.75530 (17111317)
4190745.2	639.09596 (17111317)	626.03321 (17111317)	612.53695 (17111317)	599.33829 (17111317)	586.14002 (17111317)
4190725.2	546.13363 (17111317)	543.01727 (17111317)	539.23816 (17111317)	534.64356 (17111317)	529.59352 (17111317)
4190705.2	396.96750 (17111317)	402.11816 (17111317)	406.71005 (17111317)	410.28638 (17111317)	413.12672 (17111317)
4190685.2	367.20895 (13122807)	351.55855 (13122807)	336.04309 (13122807)	320.57968 (13122807)	305.32886 (13122807)
4190665.2	382.51125 (13122807)	373.44766 (13122807)	363.61817 (13122807)	353.03659 (13122807)	342.01391 (13122807)
4190645.2	348.91724 (13122807)	348.41862 (13122807)	346.59270 (13122807)	343.31174 (13122807)	339.40021 (13122807)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PLAPM ***

INCLUDING SOURCE(S): PLAPM ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	561117.30	561137.30	561157.30	561177.30	561197.30
4191625.2	357.72861 (14012907)	314.31875 (14012907)	329.75295 (14010709)	346.74641 (14010709)	347.08462 (14010709)
4191605.2	322.23066 (14010709)	349.77744 (14010709)	360.38126 (14010709)	353.26919 (14010709)	330.15686 (14010709)
4191585.2	368.32440 (14010709)	371.48919 (14010709)	356.28525 (14010709)	334.32784 (13121017)	322.30460 (13121017)
4191565.2	379.60397 (14010709)	355.84872 (14010709)	341.62568 (13121017)	321.47623 (13121017)	314.30410 (15120217)
4191545.2	358.12366 (13121017)	345.06774 (13121017)	316.62192 (13121017)	335.61943 (15120217)	346.54584 (13011717)
4191525.2	344.25061 (13121017)	340.44883 (15120217)	353.71136 (15120217)	376.09643 (13011717)	391.77294 (13011717)
4191505.2	363.14229 (15120217)	380.45354 (13011717)	402.49284 (13011717)	408.81347 (13011717)	399.45037 (13011717)
4191485.2	411.63583 (13011717)	424.25582 (13011717)	419.74437 (13011717)	399.53459 (13011717)	

366.51885 (13011717)
 4191465.2 | 439.87971 (13011717)   423.60076 (13011717)   392.33319 (13011717)   360.04859 (13011617)
336.26913 (13011617)
 4191445.2 | 419.54790 (13011717)   378.94893 (13011617)   356.84728 (13011617)   323.38608 (13011617)
282.56182 (13011617)
 4191425.2 | 378.54654 (13011617)   345.02850 (13011617)   302.91769 (13011617)   256.53688 (13011617)
209.58472 (13011617)
 4191405.2 | 325.76898 (13011617)   276.22475 (13011617)   226.24150 (13011617)   205.82531 (15120117)
215.82391 (14111317)
 4191385.2 | 245.81430 (13011617)   215.57885 (15120117)   226.80641 (14111317)   238.15542 (14111317)
240.19650 (14111317)
 4191365.2 | 237.39292 (14111317)   249.23549 (14111317)   251.11010 (14111317)   243.30981 (14111317)
268.40657 (17122817)
 4191345.2 | 262.18948 (14111317)   258.00945 (17122817)   284.99117 (17122817)   304.31162 (17122817)
314.66792 (17122817)
 4191325.2 | 303.67370 (17122817)   322.62689 (17122817)   334.62922 (13121117)   356.62331 (13121117)
370.00202 (13121117)
 4191305.2 | 358.86655 (13121117)   380.00719 (13121117)   392.12899 (13121117)   394.00182 (13121117)
385.51237 (13121117)
 4191285.2 | 412.67230 (13121117)   410.28490 (13121117)   399.50430 (13121117)   379.54387 (13121117)
351.01031 (13121117)
 4191265.2 | 411.59674 (13121117)   384.66182 (13121117)   358.55911 (14121317)   373.63581 (14121317)
382.72699 (14121317)
 4191245.2 | 390.38612 (14121317)   402.96511 (14121317)   417.78139 (13012308)   429.70939 (13012308)
427.08085 (13012308)
 4191225.2 | 447.43052 (13012308)   449.96875 (13012308)   442.61311 (13012308)   432.56483 (13012308)
411.82316 (13012308)
 4191205.2 | 461.91806 (13012308)   440.93392 (13012308)   421.68908 (13010717)   433.79219 (13010717)
438.18930 (13010717)
 4191185.2 | 464.28990 (13010717)   468.86955 (13010717)   466.46943 (13010717)   456.71830 (13010717)
439.86681 (13010717)
 4191165.2 | 488.46214 (13010717)   468.84347 (13010717)   443.43211 (13010717)   413.46215 (13010717)
380.52531 (13010717)
 4191145.2 | 437.47500 (13010717)   400.09205 (13010717)   361.18064 (13010717)   322.20038 (13010717)
290.46822 (14010417)
 4191125.2 | 334.33095 (13010717)   317.12991 (14010417)   317.47236 (14010417)   313.40563 (14010417)
305.54676 (14010417)
 4191105.2 | 334.71364 (14010417)   321.92819 (14010417)   305.57861 (14010417)   301.73849 (14122717)
309.29545 (14122717)
 4191085.2 | 340.54433 (14122717)   344.32751 (14122717)   344.20214 (14122717)   340.31188 (14122717)
333.12223 (14122717)
 4191065.2 | 363.15563 (14122717)   350.10666 (14122717)   334.29124 (14122717)   316.28525 (14122717)
296.68549 (14122717)
 4191045.2 | 329.46489 (14091907)   341.88418 (14091907)   352.03705 (14091907)   359.88578 (14091907)
365.36596 (14091907)
 4191025.2 | 415.74542 (14091907)   416.25296 (14091907)   413.44970 (14091907)   408.17901 (14091907)
400.87137 (14091907)
 4191005.2 | 434.59010 (14091907)   420.40997 (14091907)   404.30763 (14091907)   387.02536 (14091907)
368.64977 (14091907)
 4190985.2 | 375.59549 (14091907)   351.94522 (14091907)   332.01205 (17120217)   317.65158 (17120217)
302.64675 (17120217)
 4190965.2 | 310.84995 (13010217)   299.86109 (13010217)   287.95842 (13010217)   290.47198 (13020407)
296.33578 (13020407)
 4190945.2 | 389.37237 (13020407)   390.71984 (13020407)   390.98701 (13020407)   390.59418 (13020407)
390.12115 (13020407)
 4190925.2 | 465.73444 (13020407)   458.33742 (13020407)   450.51984 (13020407)   442.27930 (13020407)
433.72878 (13020407)
 4190905.2 | 463.75700 (13020407)   449.32907 (13020407)   435.08577 (13020407)   421.09541 (13020407)
407.28293 (13020407)
 4190885.2 | 414.89550 (13010817)   402.34859 (13010817)   390.05420 (13010817)   378.07355 (13010817)
366.38879 (13010817)
 4190865.2 | 469.31518 (13121617)   461.43783 (13121617)   453.64416 (13121617)   446.03988 (13121617)
438.58315 (13121617)
 4190845.2 | 531.72702 (13121617)   519.97149 (13121617)   508.44101 (13121617)   497.28832 (13121617)
486.52409 (13121617)

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: PLAPM
***
                                INCLUDING SOURCE(S):   PLAPM   ,

                                 *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                      ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 561117.30   561137.30   561157.30   561177.30
561197.30
 -
- - - - - - - -

 4190825.2 | 506.71462 (13121617)   494.24281 (13121617)   482.33054 (13121617)   470.94524 (13121617)
460.00640 (13121617)
 4190805.2 | 406.10000 (13121617)   396.95055 (13121617)   388.13491 (13121617)   379.64640 (13121617)
371.46131 (13121617)
 4190785.2 | 444.16141 (17111317)   428.03027 (17111317)   412.59529 (17111317)   397.88368 (17111317)
383.83500 (17111317)
 4190765.2 | 542.28417 (17111317)   525.40894 (17111317)   509.07629 (17111317)   493.31558 (17111317)
478.09534 (17111317)
 4190745.2 | 573.00379 (17111317)   560.01111 (17111317)   547.08801 (17111317)   534.33413 (17111317)
521.77835 (17111317)
 4190725.2 | 524.12994 (17111317)   518.32947 (17111317)   512.10754 (17111317)   505.62446 (17111317)
498.87400 (17111317)
 4190705.2 | 415.34024 (17111317)   416.96474 (17111317)   417.93101 (17111317)   418.39079 (17111317)
418.27574 (17111317)
 4190685.2 | 290.41504 (13122807)   291.48880 (17111317)   297.32162 (17111317)   302.68375 (17111317)
307.51329 (17111317)
 4190665.2 | 330.53819 (13122807)   318.82466 (13122807)   306.96642 (13122807)   295.05379 (13122807)
283.14325 (13122807)
 4190645.2 | 334.28706 (13122807)   328.32391 (13122807)   321.58769 (13122807)   314.18898 (13122807)
306.26152 (13122807)

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: PLAPM
***
                                INCLUDING SOURCE(S):   PLAPM   ,

                                 *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                      ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 561217.30   561237.30   561257.30   561277.30
561297.30
 -
- - - - - - - -

 4191625.2 | 331.43977 (14010709)   313.12115 (13121017)   301.97769 (13121017)   278.94392 (13121017)
289.06535 (15120217)
 4191605.2 | 319.40953 (13121017)   301.13822 (13121017)   291.05604 (15120217)   305.67349 (15120217)
315.89024 (13011717)
 4191585.2 | 296.77462 (13121017)   311.07132 (15120217)   319.32263 (15120217)   340.27732 (13011717)
352.82927 (13011717)
 4191565.2 | 328.43122 (15120217)   344.29720 (13011717)   361.95974 (13011717)   366.88655 (13011717)
359.12093 (13011717)
 4191545.2 | 369.81074 (13011717)   379.79318 (13011717)   375.99524 (13011717)   359.40244 (13011717)

332.27371 (13011717)
 4191525.2 | 392.63114 (13011717)   379.28253 (13011717)   353.75177 (13011717)   324.90210 (13011617)
307.45652 (13011617)
 4191505.2 | 376.18748 (13011717)   342.08795 (13011717)   324.22628 (13011617)   298.61700 (13011617)
266.03538 (13011617)
 4191485.2 | 341.97965 (13011617)   317.14125 (13011617)   283.85096 (13011617)   245.83884 (13011617)
206.29871 (13011617)
 4191465.2 | 303.15315 (13011617)   263.93214 (13011617)   221.78570 (13011617)   180.64307 (13011617)
182.59805 (15120117)
 4191445.2 | 238.31972 (13011617)   194.39526 (13011617)   189.72835 (15120117)   198.92882 (14111317)
208.58017 (14111317)
 4191425.2 | 197.48305 (15120117)   207.36437 (14111317)   217.50603 (14111317)   219.71018 (14111317)
214.56070 (14111317)
 4191405.2 | 226.85024 (14111317)   229.53778 (14111317)   223.20021 (14111317)   236.27061 (17122817)
255.71098 (17122817)
 4191385.2 | 232.90296 (14111317)   251.21116 (17122817)   271.58568 (17122817)   284.17961 (17122817)
293.97357 (13121117)
 4191365.2 | 287.49745 (17122817)   298.63171 (17122817)   313.91216 (13121117)   330.41589 (13121117)
339.16055 (13121117)
 4191345.2 | 334.75211 (13121117)   350.43587 (13121117)   357.28393 (13121117)   355.66165 (13121117)
346.42698 (13121117)
 4191325.2 | 375.13119 (13121117)   371.13605 (13121117)   358.15505 (13121117)   338.25095 (13121117)
313.02864 (13121117)
 4191305.2 | 368.70741 (13121117)   344.91922 (13121117)   317.62409 (14121317)   331.39844 (14121317)
341.32947 (14121317)
 4191285.2 | 344.97936 (14121317)   357.10760 (14121317)   368.11156 (13012308)   377.78676 (13012308)
380.70220 (13012308)
 4191265.2 | 395.42003 (13012308)   402.26668 (13012308)   399.05670 (13012308)   391.47744 (13012308)
378.30766 (13012308)
 4191245.2 | 415.65163 (13012308)   403.96015 (13012308)   381.69490 (13012308)   372.01218 (13010717)
382.73822 (13010717)
 4191225.2 | 395.08641 (13010717)   407.11640 (13010717)   409.53380 (13010717)   411.52003 (13010717)
403.15547 (13010717)
 4191205.2 | 435.80415 (13010717)   426.43545 (13010717)   411.03201 (13010717)   394.31877 (13010717)
374.47411 (13010717)
 4191185.2 | 417.12223 (13010717)   390.01955 (13010717)   359.90038 (13010717)   329.88997 (13010717)
297.67710 (13010717)
 4191165.2 | 345.84003 (13010717)   310.20600 (13010717)   273.45285 (13010717)   270.57109 (14010417)
272.10193 (14010417)
 4191145.2 | 293.46758 (14010417)   291.76576 (14010417)   285.94360 (14010417)   277.71057 (14010417)
267.57076 (14010417)
 4191125.2 | 293.23001 (14010417)   277.71093 (14010417)   273.35522 (14122717)   281.11587 (14122717)
286.25299 (14122717)
 4191105.2 | 313.04193 (14122717)   313.39683 (14122717)   311.78344 (14122717)   306.72844 (14122717)
298.89232 (14122717)
 4191085.2 | 322.89775 (14122717)   310.04418 (14122717)   295.56153 (14122717)   279.36286 (14122717)
262.04727 (14122717)
 4191065.2 | 292.07832 (14091907)   303.07191 (14091907)   312.23373 (14091907)   319.59733 (14091907)
325.22280 (14091907)
 4191045.2 | 368.58046 (14091907)   369.69607 (14091907)   368.46349 (14091907)   365.30717 (14091907)
360.66037 (14091907)
 4191025.2 | 391.55941 (14091907)   380.57768 (14091907)   368.35760 (14091907)   355.27043 (14091907)
341.08665 (14091907)
 4191005.2 | 350.02320 (14091907)   331.20785 (14091907)   311.85596 (14091907)   296.11468 (17120217)
285.04844 (17120217)
 4190985.2 | 287.84393 (17120217)   276.20462 (13010217)   268.42263 (13010217)   260.06280 (13010217)
251.11079 (13010217)
 4190965.2 | 301.25080 (13020407)   305.49374 (13020407)   309.03205 (13020407)   311.90345 (13020407)
314.19032 (13020407)
 4190945.2 | 388.78908 (13020407)   386.66817 (13020407)   383.79153 (13020407)   380.47780 (13020407)
376.76698 (13020407)
 4190925.2 | 425.19239 (13020407)   416.33742 (13020407)   406.78306 (13020407)   397.31933 (13020407)
387.89043 (13020407)
 4190905.2 | 393.58279 (13020407)   380.18026 (13020407)   367.53880 (13010817)   359.63139 (13010817)
351.65362 (13010817)
 4190885.2 | 354.95604 (13010817)   343.84368 (13010817)   333.15413 (13010817)   326.07249 (13121617)
323.02543 (13121617)
 4190865.2 | 431.57772 (13121617)   424.59202 (13121617)   417.26521 (13121617)   410.29180 (13121617)
403.54092 (13121617)

 4190845.2 | 476.01497 (13121617)   465.63424 (13121617)   455.78935 (13121617)   445.55636 (13121617)
435.97036 (13121617)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: PLAPM
***
                               INCLUDING SOURCE(S):   PLAPM   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 561217.30   561237.30   561257.30   561277.30
561297.30
 -
- - - - - - - -

 4190825.2 | 449.65049 (13121617)   439.31472 (13121617)   429.24934 (13121617)   419.07593 (13121617)
409.40935 (13121617)
 4190805.2 | 363.57431 (13121617)   356.06651 (13121617)   348.43760 (13121617)   341.11610 (13121617)
334.14246 (13121617)
 4190785.2 | 370.39092 (17111317)   357.62988 (17111317)   345.12324 (17111317)   333.18930 (17111317)
321.95894 (17111317)
 4190765.2 | 463.39914 (17111317)   449.28409 (17111317)   435.47576 (17111317)   422.01920 (17111317)
409.19556 (17111317)
 4190745.2 | 509.37117 (17111317)   497.20950 (17111317)   485.26342 (17111317)   473.27740 (17111317)
461.44700 (17111317)
 4190725.2 | 491.87766 (17111317)   484.70419 (17111317)   477.43451 (17111317)   469.92202 (17111317)
461.84919 (17111317)
 4190705.2 | 417.69521 (17111317)   416.64802 (17111317)   415.16079 (17111317)   413.42464 (17111317)
410.94435 (17111317)
 4190685.2 | 311.91646 (17111317)   315.79250 (17111317)   319.22733 (17111317)   322.18362 (17111317)
324.79271 (17111317)
 4190665.2 | 271.33020 (13122807)   259.64589 (13122807)   248.16573 (13122807)   236.92103 (13122807)
228.04387 (17111317)
 4190645.2 | 297.88256 (13122807)   289.17436 (13122807)   280.16110 (13122807)   271.00328 (13122807)
261.71689 (13122807)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: PLAPM
***
                               INCLUDING SOURCE(S):   PLAPM   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 561317.30   561337.30   561357.30   561377.30
561397.30
 -
- - - - - - - -

 4191625.2 | 298.46327 (15120217)   313.23471 (13011717)   327.07565 (13011717)   330.95691 (13011717)
324.41898 (13011717)
 4191605.2 | 334.76731 (13011717)   342.27990 (13011717)   338.49292 (13011717)   324.75683 (13011717)

302.24959 (13011717)
 4191585.2 | 353.35651 (13011717)   341.80723 (13011717)   320.22895 (13011717)   293.96271 (13011617)
281.25048 (13011617)
 4191565.2 | 339.96760 (13011717)   311.34301 (13011717)   294.96745 (13011617)   275.39340 (13011617)
249.38568 (13011617)
 4191545.2 | 310.14096 (13011617)   291.02141 (13011617)   264.48128 (13011617)   233.56264 (13011617)
200.30476 (13011617)
 4191525.2 | 281.43274 (13011617)   249.22083 (13011617)   214.02444 (13011617)   178.75929 (13011617)
160.22783 (15120117)
 4191505.2 | 229.59953 (13011617)   191.95660 (13011617)   165.88552 (15120117)   168.74661 (15120117)
176.65640 (14111317)
 4191485.2 | 172.26327 (15120117)   175.48398 (15120117)   183.74731 (14111317)   192.70030 (14111317)
195.57250 (14111317)
 4191465.2 | 191.11160 (14111317)   200.74028 (14111317)   203.78476 (14111317)   199.64734 (14111317)
199.42728 (17122817)
 4191445.2 | 211.82772 (14111317)   207.60215 (14111317)   211.69358 (17122817)   230.02535 (17122817)
243.57550 (17122817)
 4191425.2 | 223.88599 (17122817)   243.30591 (17122817)   256.64541 (17122817)   263.34038 (17122817)
275.85343 (13121117)
 4191405.2 | 269.43296 (17122817)   275.54274 (17122817)   292.52651 (13121117)   304.27588 (13121117)
309.64707 (13121117)
 4191385.2 | 311.08829 (13121117)   321.58185 (13121117)   325.14024 (13121117)   321.81252 (13121117)
312.01776 (13121117)
 4191365.2 | 340.45468 (13121117)   334.38937 (13121117)   321.70528 (13121117)   303.56824 (13121117)
280.68869 (13121117)
 4191345.2 | 330.39436 (13121117)   308.75592 (13121117)   283.12722 (13121117)   295.27793 (14121317)
304.39538 (14121317)
 4191325.2 | 306.30957 (14121317)   317.79448 (14121317)   326.88922 (13012308)   336.87895 (13012308)
341.07308 (13012308)
 4191305.2 | 352.27039 (13012308)   359.16163 (13012308)   360.28902 (13012308)   355.91272 (13012308)
346.30917 (13012308)
 4191285.2 | 377.51436 (13012308)   368.47973 (13012308)   354.56554 (13012308)   336.41881 (13012308)
333.82142 (13010717)
 4191265.2 | 358.72910 (13012308)   352.87021 (13010717)   362.23591 (13010717)   366.20248 (13010717)
365.24244 (13010717)
 4191245.2 | 386.76227 (13010717)   386.42503 (13010717)   380.92405 (13010717)   369.91072 (13010717)
354.72851 (13010717)
 4191225.2 | 387.69478 (13010717)   373.00243 (13010717)   353.93927 (13010717)   330.72567 (13010717)
305.24899 (13010717)
 4191205.2 | 344.55423 (13010717)   316.91236 (13010717)   290.07776 (13010717)   261.27786 (13010717)
232.68284 (13010717)
 4191185.2 | 265.48248 (13010717)   248.05164 (14010417)   253.23455 (14010417)   254.04460 (14010417)
251.43397 (14010417)
 4191165.2 | 270.54006 (14010417)   264.64259 (14010417)   258.36196 (14010417)   248.35549 (14010417)
235.81253 (14010417)
 4191145.2 | 253.60871 (14010417)   251.29832 (14122717)   259.38712 (14122717)   264.41961 (14122717)
266.39341 (14122717)
 4191125.2 | 287.34290 (14122717)   286.64903 (14122717)   283.75650 (14122717)   278.29446 (14122717)
270.11860 (14122717)
 4191105.2 | 288.78398 (14122717)   276.74334 (14122717)   263.37924 (14122717)   249.20203 (14122717)
233.65550 (14122717)
 4191085.2 | 261.55204 (14091907)   271.20286 (14091907)   279.46315 (14091907)   286.92845 (14091907)
292.33724 (14091907)
 4191065.2 | 329.34401 (14091907)   331.08118 (14091907)   331.18356 (14091907)   329.99307 (14091907)
326.86498 (14091907)
 4191045.2 | 354.59114 (14091907)   346.56067 (14091907)   337.34777 (14091907)   327.21825 (14091907)
315.80112 (14091907)
 4191025.2 | 326.22828 (14091907)   310.75325 (14091907)   294.92070 (14091907)   279.36512 (14091907)
266.03810 (17120217)
 4191005.2 | 273.14821 (17120217)   260.99998 (17120217)   248.52346 (17120217)   241.04896 (13010217)
235.08354 (13010217)
 4190985.2 | 241.72781 (13010217)   235.75988 (13020407)   240.62207 (13020407)   245.17994 (13020407)
249.10389 (13020407)
 4190965.2 | 315.89496 (13020407)   317.03890 (13020407)   317.71923 (13020407)   318.11477 (13020407)
317.80577 (13020407)
 4190945.2 | 372.65069 (13020407)   368.11931 (13020407)   363.28755 (13020407)   358.40593 (13020407)
352.98520 (13020407)
 4190925.2 | 378.43416 (13020407)   368.95100 (13020407)   359.54423 (13020407)   350.40098 (13020407)
341.05676 (13020407)

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 4190905.2 |    343.68942 (13010817)    335.77858 (13010817)    327.96156 (13010817)    320.32158 (13010817)
312.78562 (13010817)
 4190885.2 |    319.96464 (13121617)    316.88837 (13121617)    313.80756 (13121617)    310.72573 (13121617)
307.86711 (13121617)
 4190865.2 |    397.10716 (13121617)    390.74190 (13121617)    384.52616 (13121617)    378.44972 (13121617)
372.77902 (13121617)
 4190845.2 |    428.75221 (13121617)    420.32400 (13121617)    411.83640 (13121617)    403.88155 (13121617)
396.46853 (13121617)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

PAGE  1304
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

                           *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  PLAPM
***
                               INCLUDING SOURCE(S):     PLAPM       ,

                                *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10    IN MICROGRAMS/M**3                         **

  Y-COORD  |                                            X-COORD (METERS)
  (METERS) |       561317.30              561337.30              561357.30              561377.30
561397.30
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

 4190825.2 |    401.56425 (13121617)    393.42417 (13121617)    385.37556 (13121617)    377.51814 (13121617)
370.20371 (13121617)
 4190805.2 |    326.23710 (13121617)    320.36987 (13121617)    315.05666 (13121617)    309.07794 (13121617)
303.52612 (13121617)
 4190785.2 |    311.25460 (17111317)    300.35456 (17111317)    289.78696 (16010817)    284.47760 (16010817)
278.96684 (16010817)
 4190765.2 |    397.18703 (17111317)    384.75248 (17111317)    371.89413 (17111317)    361.22229 (17111317)
351.27637 (17111317)
 4190745.2 |    450.45743 (17111317)    439.25013 (17111317)    428.00228 (17111317)    416.26767 (17111317)
406.49792 (17111317)
 4190725.2 |    453.48325 (17111317)    445.36301 (17111317)    437.69405 (17111317)    430.53597 (17111317)
423.00910 (17111317)
 4190705.2 |    407.47959 (17111317)    403.77897 (17111317)    400.40774 (17111317)    398.20082 (17111317)
394.74583 (17111317)
 4190685.2 |    326.72597 (17111317)    327.68180 (17111317)    328.22589 (17111317)    329.78232 (17111317)
330.84126 (17111317)
 4190665.2 |    232.99663 (17111317)    237.45839 (17111317)    241.40434 (17111317)    244.93737 (17111317)
248.83707 (17111317)
 4190645.2 |    252.39001 (13122807)    243.01261 (13122807)    233.58425 (13122807)    224.18997 (13122807)
215.07094 (13122807)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

PAGE  1305
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

                           *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  PLAPM
***
                               INCLUDING SOURCE(S):     PLAPM       ,

                                         *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                     ** CONC OF PM_10    IN MICROGRAMS/M**3                         **

     X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)  Y-COORD (M)        CONC
(YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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560122.00	4190978.00	4350.71236	(13121308)	560142.00	4190978.00	3775.02741 (15010507)
560162.00	4190978.00	3189.19985	(15020708)	560182.00	4190978.00	3790.36306 (15012009)
560202.00	4190978.00	3425.50874	(15012009)	560222.00	4190978.00	2761.92274 (16120517)
560242.00	4190978.00	2750.65078	(14012907)	560262.00	4190978.00	2397.17546 (14012907)
560102.00	4190998.00	4343.66722	(14112517)	560122.00	4190998.00	3945.70321 (15021907)
560142.00	4190998.00	3513.14935	(13121308)	560162.00	4190998.00	3080.90392 (15010507)
560182.00	4190998.00	2943.87908	(15020708)	560202.00	4190998.00	3388.44899 (15012009)
560222.00	4190998.00	3042.65724	(15012009)	560242.00	4190998.00	2472.64610 (16120517)
560262.00	4190998.00	2449.48394	(14012907)	560282.00	4190998.00	2271.89958 (14012907)
560302.00	4190998.00	1919.94144	(14010709)	560322.00	4190998.00	1972.14873 (13011717)
560102.00	4191018.00	4134.08902	(14112517)	560122.00	4191018.00	3418.65476 (15021907)
560142.00	4191018.00	3462.38264	(13121308)	560162.00	4191018.00	2983.15117 (15010507)
560182.00	4191018.00	2433.08383	(15010507)	560202.00	4191018.00	2722.36051 (15020708)
560222.00	4191018.00	3059.29944	(15012009)	560242.00	4191018.00	2728.12437 (15012009)
560262.00	4191018.00	2220.18758	(16120517)	560282.00	4191018.00	2164.92984 (14012907)
560302.00	4191018.00	2126.51076	(14012907)	560322.00	4191018.00	1785.44383 (14010709)
560342.00	4191018.00	1656.22804	(13011717)	560362.00	4191018.00	1777.28998 (13011717)
560382.00	4191018.00	1684.51498	(13011717)	560402.00	4191018.00	1434.56719 (13011717)
560102.00	4191038.00	3739.26759	(14112517)	560122.00	4191038.00	2852.44746 (14112517)
560142.00	4191038.00	3180.39808	(13121417)	560162.00	4191038.00	2874.38948 (13121308)
560182.00	4191038.00	2587.25901	(15010507)	560202.00	4191038.00	2182.38742 (17031607)
560222.00	4191038.00	2520.40867	(15020708)	560242.00	4191038.00	2783.02287 (15012009)
560262.00	4191038.00	2461.49139	(15012009)	560282.00	4191038.00	1994.61629 (16120517)
560302.00	4191038.00	1933.12629	(16120517)	560322.00	4191038.00	1969.92367 (14012907)
560342.00	4191038.00	1728.89851	(14012907)	560362.00	4191038.00	1559.82025 (14010709)
560382.00	4191038.00	1555.20132	(13011717)	560402.00	4191038.00	1600.81617 (13011717)
560422.00	4191038.00	1472.95759	(13011717)	560442.00	4191038.00	1222.96769 (13011717)
560462.00	4191038.00	966.65694	(13011617)	560082.00	4191058.00	3042.03207 (15010517)
560102.00	4191058.00	3241.97488	(14112517)	560122.00	4191058.00	3027.08233 (14112517)
560142.00	4191058.00	2900.57941	(15021907)	560162.00	4191058.00	2854.71960 (13121308)
560182.00	4191058.00	2401.07011	(15010507)	560202.00	4191058.00	2160.35865 (15010507)
560222.00	4191058.00	1959.85231	(17031607)	560242.00	4191058.00	2334.54788 (15020708)
560262.00	4191058.00	2546.55585	(15012009)	560282.00	4191058.00	2232.86328 (15012009)
560302.00	4191058.00	1805.40678	(16122217)	560322.00	4191058.00	1804.19899 (16120517)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PLAPM ***

INCLUDING SOURCE(S): PLAPM ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
560342.00	4191058.00	1806.38442	(14012907)	560362.00	4191058.00	1669.02094	(14012907)
560382.00	4191058.00	1475.83236	(14010709)	560402.00	4191058.00	1319.77981	(14010709)
560422.00	4191058.00	1447.65364	(13011717)	560442.00	4191058.00	1436.10585	(13011717)
560462.00	4191058.00	1285.71555	(13011717)	560082.00	4191078.00	2860.86816	(15010517)
560102.00	4191078.00	2761.80001	(15112108)	560122.00	4191078.00	3029.71927	(14112517)
560142.00	4191078.00	2417.76774	(15021907)	560162.00	4191078.00	2662.77820	(13121417)
560182.00	4191078.00	2412.60134	(13121308)	560202.00	4191078.00	2180.86781	(15010507)
560222.00	4191078.00	1792.30086	(17031607)	560242.00	4191078.00	1749.04562	(15020708)
560262.00	4191078.00	2162.83688	(15020708)	560282.00	4191078.00	2341.37944	(15012009)
560302.00	4191078.00	2035.64498	(15012009)	560322.00	4191078.00	1673.57269	(16122217)
560342.00	4191078.00	1680.52480	(16120517)	560362.00	4191078.00	1642.14716	(14012907)
560382.00	4191078.00	1591.58671	(14012907)	560402.00	4191078.00	1361.01374	(14010709)
560422.00	4191078.00	1298.70945	(14010709)	560442.00	4191078.00	1251.86366	(13011717)
560462.00	4191078.00	1337.66615	(13011717)	560482.00	4191078.00	1285.05511	(13011717)
560502.00	4191078.00	1122.08823	(13011717)	560082.00	4191098.00	2667.84391	(15010517)
560102.00	4191098.00	2420.27773	(15112108)	560122.00	4191098.00	2889.88707	(14112517)
560142.00	4191098.00	2046.71918	(14112517)	560162.00	4191098.00	2477.45921	(15021907)
560182.00	4191098.00	2409.00485	(13121308)	560202.00	4191098.00	1963.86021	(15010507)
560222.00	4191098.00	1903.76647	(15010507)	560242.00	4191098.00	1710.67402	(17031607)
560262.00	4191098.00	1703.84825	(15020708)	560282.00	4191098.00	2003.62217	(15020708)
560302.00	4191098.00	2161.09203	(15012009)	560322.00	4191098.00	1863.95331	(15012009)
560342.00	4191098.00	1554.70574	(16122217)	560362.00	4191098.00	1562.84272	(16120517)
560382.00	4191098.00	1482.21637	(14012907)	560402.00	4191098.00	1501.53571	(14012907)
560422.00	4191098.00	1321.37654	(14012907)	560442.00	4191098.00	1245.13546	(14010709)
560462.00	4191098.00	1107.77886	(14010709)	560482.00	4191098.00	1193.84350	

(13011717)
        560502.00   4191098.00   1228.36922 (13011717)   560522.00   4191098.00   1147.94424
(13011717)
        560062.00   4191118.00   2307.01597 (13011807)   560082.00   4191118.00   2492.26852
(14012008)
        560102.00   4191118.00   2062.43837 (15112108)   560122.00   4191118.00   2647.52798
(14112517)
        560142.00   4191118.00   2229.18842 (14112517)   560162.00   4191118.00   2172.26750
(15021907)
        560182.00   4191118.00   2261.50799 (13121417)   560202.00   4191118.00   2064.34254
(13121308)
        560222.00   4191118.00   1848.43664 (15010507)   560242.00   4191118.00   1613.63168
(15010507)
        560262.00   4191118.00   1592.58281 (17031607)   560282.00   4191118.00   1649.87793
(15020708)
        560302.00   4191118.00   1856.15450 (15020708)   560322.00   4191118.00   2001.61811
(15012009)
        560342.00   4191118.00   1713.56338 (15012009)   560362.00   4191118.00   1447.37757
(16122217)
        560382.00   4191118.00   1451.73993 (16120517)   560402.00   4191118.00   1332.81938
(16120517)
        560422.00   4191118.00   1403.54013 (14012907)   560442.00   4191118.00   1290.12313
(14012907)
        560462.00   4191118.00   1165.82732 (14010709)   560482.00   4191118.00   1100.56215
(14010709)
        560502.00   4191118.00   1025.13053 (13011717)   560522.00   4191118.00   1127.99498
(13011717)
        560062.00   4191138.00   2146.72412 (13011807)   560082.00   4191138.00   2325.97131
(14012008)
        560102.00   4191138.00   1836.38198 (15010517)   560122.00   4191138.00   2344.10979
(14112517)
        560142.00   4191138.00   2304.12732 (14112517)   560162.00   4191138.00   1765.69331
(15021907)
        560182.00   4191138.00   2127.97434 (15021907)   560202.00   4191138.00   2069.59365
(13121308)
        560222.00   4191138.00   1704.92172 (15020707)   560242.00   4191138.00   1672.55701
(15010507)
        560262.00   4191138.00   1396.63364 (17031607)   560282.00   4191138.00   1451.57666
(17031607)
        560302.00   4191138.00   1589.60407 (15020708)   560322.00   4191138.00   1729.14350
(15012009)
        560342.00   4191138.00   1859.44384 (15012009)   560362.00   4191138.00   1581.12023
(15012009)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: PLAPM
***
                               INCLUDING SOURCE(S):   PLAPM   ,

                                         *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                    ** CONC OF PM_10   IN MICROGRAMS/M**3   **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC
(YYMMDDHH)
 -
- - - - - - - -
        560382.00   4191138.00   1350.22120 (16122217)   560402.00   4191138.00   1347.37950
(16120517)
        560422.00   4191138.00   1274.71232 (16120517)   560442.00   4191138.00   1301.84643
(14012907)
        560462.00   4191138.00   1245.60912 (14012907)   560482.00   4191138.00   1068.37314
(14010709)

560502.00 4191138.00 1067.26820 (14010709) 560062.00 4191158.00 2003.95307 (13011807)
560082.00 4191158.00 2165.31595 (14012008) 560102.00 4191158.00 1848.95248 (15010517)
560122.00 4191158.00 2100.82495 (15112108) 560142.00 4191158.00 2278.80426 (14112517)
560162.00 4191158.00 1541.66936 (14112517) 560182.00 4191158.00 1944.04360 (15021907)
560202.00 4191158.00 1943.55410 (13121417) 560222.00 4191158.00 1794.03366 (13121308)
560242.00 4191158.00 1577.42710 (15010507) 560262.00 4191158.00 1468.25072 (15010507)
560282.00 4191158.00 1371.36961 (17031607) 560302.00 4191158.00 1299.07340 (17031607)
560322.00 4191158.00 1525.27633 (15020708) 560342.00 4191158.00 1640.31080 (15012009)
560362.00 4191158.00 1731.96908 (15012009) 560382.00 4191158.00 1463.85423 (15012009)
560402.00 4191158.00 1262.02260 (16122217) 560422.00 4191158.00 1250.01464 (16120517)
560442.00 4191158.00 1215.82278 (16120517) 560462.00 4191158.00 1199.70356 (14012907)
560482.00 4191158.00 1191.04349 (14012907) 560502.00 4191158.00 1051.53632 (14012907)
560062.00 4191178.00 1876.94414 (13011807) 560082.00 4191178.00 2011.71197 (14012008)
560102.00 4191178.00 1835.61280 (15010517) 560122.00 4191178.00 1904.06879 (15112108)
560142.00 4191178.00 2170.85754 (14112517) 560162.00 4191178.00 1705.55770 (14112517)
560182.00 4191178.00 1655.50540 (15021907) 560202.00 4191178.00 1858.46243 (13121417)
560222.00 4191178.00 1803.85475 (13121308) 560242.00 4191178.00 1520.91966 (15020707)
560322.00 4191178.00 1144.32536 (17031607) 560342.00 4191178.00 1458.62861 (15020708)
560362.00 4191178.00 1557.45415 (15012009) 560382.00 4191178.00 1617.27215 (15012009)
560402.00 4191178.00 1359.50998 (15012009) 560422.00 4191178.00 1181.80755 (16122217)
560442.00 4191178.00 1159.52002 (16120517) 560462.00 4191178.00 1156.75199 (16120517)
560482.00 4191178.00 1099.62033 (14012907) 560502.00 4191178.00 1129.44027 (14012907)
560062.00 4191198.00 1760.98026 (13011807) 560082.00 4191198.00 1865.82482 (14012008)
560102.00 4191198.00 1800.74714 (15010517) 560122.00 4191198.00 1682.63667 (15112108)
560142.00 4191198.00 2002.76045 (14112517) 560162.00 4191198.00 1801.45190 (14112517)
560182.00 4191198.00 1325.43731 (15021907) 560202.00 4191198.00 1736.29211 (15021907)
560222.00 4191198.00 1686.72736 (13121417) 560362.00 4191198.00 1391.04139 (15020708)
560382.00 4191198.00 1480.01591 (15012009) 560402.00 4191198.00 1513.54581 (15012009)
560422.00 4191198.00 1266.25352 (15012009) 560442.00 4191198.00 1108.70139 (16122217)
560462.00 4191198.00 1075.65022 (16120517) 560482.00 4191198.00 1098.48259 (16120517)
560042.00 4191218.00 1810.55084 (15011607) 560062.00 4191218.00 1657.38113 (13011807)
560082.00 4191218.00 1730.28171 (14012008) 560102.00 4191218.00 1748.53790 (15010517)
560122.00 4191218.00 1454.22880 (15112108) 560142.00 4191218.00 1797.22636 (14112517)
560162.00 4191218.00 1828.24617 (14112517) 560182.00 4191218.00 1266.29217 (16112517)
560202.00 4191218.00 1536.77031 (15021907) 560222.00 4191218.00 1649.96464

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: PLAPM
***
                                INCLUDING SOURCE(S):   PLAPM   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                       ** CONC OF PM_10   IN MICROGRAMS/M**3   **

     X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC
(YYMMDDHH)
 -
- - - - - - - -
        560422.00   4191218.00   1419.49402 (15012009)   560442.00   4191218.00   1182.52300
(15012009)
        560462.00   4191218.00   1042.71214 (16122217)   560482.00   4191218.00   1005.19858
(16122217)
        560082.00   4191238.00   1603.88259 (14012008)   560102.00   4191238.00   1682.85843
(15010517)
        560122.00   4191238.00   1232.58292 (15112108)   560142.00   4191238.00   1662.69861
(15112108)
        560162.00   4191238.00   1793.03850 (14112517)   560182.00   4191238.00   1344.11116
(14112517)
        560202.00   4191238.00   1283.81220 (15021907)   560222.00   4191238.00   1550.31435
(15021907)
        560342.00   4191238.00   1095.00465 (17031607)   560362.00   4191238.00   1022.02031
(17031607)
        560382.00   4191238.00   1098.60799 (15020708)   560402.00   4191238.00   1256.94746
(15020708)
        560422.00   4191238.00   1339.68805 (15012009)   560442.00   4191238.00   1333.81421
(15012009)
        560462.00   4191238.00   1108.01582 (15012009)   560182.00   4191258.00   1440.92661
(14112517)
        560202.00   4191258.00   1041.40288 (16112517)   560322.00   4191258.00   1083.00130
(15010507)
        560342.00   4191258.00   913.42231 (17031607)   560362.00   4191258.00   1047.99008
(17031607)
        560382.00   4191258.00   912.01484 (17031607)   560402.00   4191258.00   1075.54697
(15020708)
        560422.00   4191258.00   1192.03713 (15020708)   560442.00   4191258.00   1276.20819
(15012009)
        560462.00   4191258.00   1256.62323 (15012009)   560322.00   4191278.00   1079.40696
(15010507)
        560342.00   4191278.00   960.31501 (15010507)   560362.00   4191278.00   929.81418
(17031607)
        560382.00   4191278.00   984.71663 (17031607)   560402.00   4191278.00   804.29636
(17031607)
        560422.00   4191278.00   1048.49199 (15020708)   560442.00   4191278.00   1130.07304
(15020708)
        559982.00   4191298.00   1541.81526 (17112408)   560002.00   4191298.00   1224.58613
(14012908)
        560022.00   4191298.00   1447.58899 (15011607)   560042.00   4191298.00   1415.75207
(15011607)
        560062.00   4191298.00   1328.69087 (13011807)   560302.00   4191298.00   1119.66183
(15020707)
        560322.00   4191298.00   1016.63638 (13122017)   560342.00   4191298.00   996.44037
(15010507)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PLAPM ***

INCLUDING SOURCE(S): PLAPM ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
560362.00	4191298.00	838.07973	(15010507)	560382.00	4191298.00	924.29672	(17031607)
560402.00	4191298.00	910.75965	(17031607)	560422.00	4191298.00	809.09818	(15020708)
560442.00	4191298.00	1019.21528	(15020708)	559962.00	4191318.00	1496.03515	(17112408)
559982.00	4191318.00	1441.93294	(14012908)	560002.00	4191318.00	1105.53893	(14012908)
560022.00	4191318.00	1388.33796	(15011607)	560042.00	4191318.00	1338.29941	(15011607)
560062.00	4191318.00	1263.15815	(13011807)	560082.00	4191318.00	1184.21435	(14012008)
560102.00	4191318.00	1349.21283	(15010517)	560122.00	4191318.00	1229.27363	(15010517)
560142.00	4191318.00	1090.90435	(15112108)	560162.00	4191318.00	1355.33780	(15112108)
560302.00	4191318.00	1138.46452	(13121308)	560322.00	4191318.00	1032.37940	(13122017)
560342.00	4191318.00	973.07170	(15010507)	560362.00	4191318.00	901.90474	(15010507)
560382.00	4191318.00	760.20665	(17031607)	560402.00	4191318.00	900.16940	(17031607)
560422.00	4191318.00	830.84937	(17031607)	559962.00	4191338.00	1454.17007	(17112408)
559982.00	4191338.00	1354.15444	(14012908)	560002.00	4191338.00	997.25982	(14012908)
560022.00	4191338.00	1332.17755	(15011607)	560042.00	4191338.00	1267.26870	(15011607)
560062.00	4191338.00	1202.81145	(13011807)	560082.00	4191338.00	1098.66400	(14012008)
560102.00	4191338.00	1273.46842	(14012008)	560122.00	4191338.00	1221.93836	(15010517)
560142.00	4191338.00	939.19546	(15112108)	560162.00	4191338.00	1281.35003	(15112108)
560182.00	4191338.00	1386.96549	(14112517)	560202.00	4191338.00	1232.72115	(14112517)
560222.00	4191338.00	936.81632	(16112517)	560242.00	4191338.00	989.72163	(15021907)
560302.00	4191338.00	1152.61140	(13121308)	560322.00	4191338.00	1021.31035	(15020707)
560342.00	4191338.00	947.91291	(13122017)	560362.00	4191338.00	914.40865	(15010507)
560382.00	4191338.00	803.37175	(15010507)	560402.00	4191338.00	782.92027	(17031607)
560422.00	4191338.00	861.11437	(17031607)	559962.00	4191358.00	1398.55095	(17112408)
559982.00	4191358.00	1266.48217	(14012908)	560002.00	4191358.00	908.83406	(15011607)
560022.00	4191358.00	1278.94767	(15011607)	560042.00	4191358.00	1202.00989	

(15011607)
        560062.00   4191358.00   1147.09714 (13011807)   560082.00   4191358.00   1020.09046
(14012008)
        560102.00   4191358.00   1212.80875 (14012008)   560122.00   4191358.00   1204.39451
(15010517)
        560142.00   4191358.00   797.55029 (15112108)   560162.00   4191358.00   1187.24144
(15112108)
        560182.00   4191358.00   1292.14651 (14112517)   560202.00   4191358.00   1256.68093
(14112517)
        560222.00   4191358.00   924.55780 (16112517)   560242.00   4191358.00   810.43879
(15021907)
        560262.00   4191358.00   1090.76444 (15021907)   560282.00   4191358.00   1148.23840
(13121417)
        560302.00   4191358.00   1099.11579 (13121308)   560322.00   4191358.00   1036.13410
(13121308)
        560342.00   4191358.00   943.22799 (13122017)   560362.00   4191358.00   878.34762
(15010507)
        560382.00   4191358.00   842.93736 (15010507)   560402.00   4191358.00   706.31583
(15010507)
        559962.00   4191378.00   1333.90785 (17112408)   559982.00   4191378.00   1180.35418
(14012908)
        560002.00   4191378.00   897.31720 (15011607)   560022.00   4191378.00   1228.55830
(15011607)
        560042.00   4191378.00   1141.88650 (15011607)   560062.00   4191378.00   1095.58198
(13011807)
        560082.00   4191378.00   947.74010 (14012008)   560102.00   4191378.00   1153.18749
(14012008)
        560122.00   4191378.00   1178.19424 (15010517)   560142.00   4191378.00   820.06794
(15010517)
        560162.00   4191378.00   1080.66210 (15112108)   560182.00   4191378.00   1181.59048
(14112517)
        560202.00   4191378.00   1249.08055 (14112517)   560222.00   4191378.00   974.14152
(14112517)
        560242.00   4191378.00   794.00233 (16112517)   560262.00   4191378.00   956.71542
(15021907)
        560282.00   4191378.00   1089.76084 (15021907)   560302.00   4191378.00   1074.28346
(13121417)
        560322.00   4191378.00   1050.19250 (13121308)   560342.00   4191378.00   935.84272
(15020707)
        559982.00   4191398.00   1096.97316 (14012908)   560002.00   4191398.00   884.64076
(15011607)
        560022.00   4191398.00   1180.73290 (15011607)   560042.00   4191398.00   1086.35941
(15011607)
        560062.00   4191398.00   1047.78369 (13011807)   560082.00   4191398.00   881.23629
(14012008)
        560102.00   4191398.00   1095.11140 (14012008)   560122.00   4191398.00   1144.96537
(15010517)
        560142.00   4191398.00   851.05510 (15010517)   560162.00   4191398.00   967.87196
(15112108)
        560182.00   4191398.00   1130.53336 (15112108)   560202.00   4191398.00   1213.65327
(14112517)
        560222.00   4191398.00   1032.70471 (14112517)   560242.00   4191398.00   822.65533
(16112517)
        560262.00   4191398.00   807.28905 (15021907)   560282.00   4191398.00   1020.54179
(15021907)
        559982.00   4191418.00   1017.52267 (14012908)   560002.00   4191418.00   871.73384
(15011607)
        560022.00   4191418.00   1135.85460 (15011607)   560042.00   4191418.00   1035.02602
(15011607)
        560062.00   4191418.00   1003.36158 (13011807)   560082.00   4191418.00   852.13180
(13011807)
        560102.00   4191418.00   1039.00150 (14012008)   560122.00   4191418.00   1106.10636
(15010517)
        560142.00   4191418.00   873.87680 (15010517)   560162.00   4191418.00   854.50920
(15112108)
        560182.00   4191418.00   1083.37352 (15112108)   560202.00   4191418.00   1155.81039
(14112517)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PLAPM ***

INCLUDING SOURCE(S): PLAPM ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
560222.00	4191418.00	1066.80452	(14112517)	560242.00	4191418.00	815.14314	(16112517)
560262.00	4191418.00	657.97397	(15021907)	560002.00	4191438.00	857.05436	(15011607)
560022.00	4191438.00	1093.28802	(15011607)	560042.00	4191438.00	987.59753	(15011607)
560062.00	4191438.00	962.00256	(13011807)	560082.00	4191438.00	825.63672	(13011807)
560102.00	4191438.00	984.87091	(14012008)	560122.00	4191438.00	1062.99645	(15010517)
560142.00	4191438.00	888.81996	(15010517)	560162.00	4191438.00	745.03069	(15112108)
560182.00	4191438.00	1019.76776	(15112108)	560202.00	4191438.00	1081.10490	(14112517)
560222.00	4191438.00	1076.29241	(14112517)	560242.00	4191438.00	818.87378	(14112517)
560262.00	4191438.00	705.51570	(16112517)	560042.00	4191458.00	943.45676	(15011607)
560062.00	4191458.00	923.50868	(13011807)	560082.00	4191458.00	800.28425	(13011807)
560102.00	4191458.00	933.02352	(14012008)	560122.00	4191458.00	1016.83214	(15010517)
560142.00	4191458.00	896.39970	(15010517)	560162.00	4191458.00	642.28492	(15112108)
560182.00	4191458.00	944.34650	(15112108)	560202.00	4191458.00	994.91986	(14112517)
560222.00	4191458.00	1063.37762	(14112517)	560242.00	4191458.00	875.23123	(14112517)
560262.00	4191458.00	730.78012	(16112517)	560142.00	4191478.00	897.87192	(15010517)
560162.00	4191478.00	577.97704	(16012817)	560182.00	4191478.00	862.52575	(15112108)
560202.00	4191478.00	961.14477	(15112108)	560222.00	4191478.00	1030.91822	(14112517)
560242.00	4191478.00	913.32110	(14112517)	560155.00	4190663.00	2939.02968	(16122208)
560175.00	4190663.00	2883.96295	(16120808)	560115.00	4190683.00	3887.55620	(13111408)
560135.00	4190683.00	3794.43821	(15010807)	560155.00	4190683.00	3265.84756	(16120808)
560175.00	4190683.00	3215.66262	(17112308)	560095.00	4190703.00	5759.76334	(13121217)
560115.00	4190703.00	4801.78657	(15010807)	560135.00	4190703.00	3666.52182	(16120808)
560155.00	4190703.00	3776.17691	(17112308)	560175.00	4190703.00	3558.83268	(13030207)
560095.00	4190723.00	6001.05002	(13121217)	560115.00	4190723.00	4723.49677	(15010807)
560135.00	4190723.00	4496.85405	(17112308)	560155.00	4190723.00	4468.46184	(14010617)
560175.00	4190723.00	4157.34617	(14010617)	560195.00	4190723.00	3230.60322	

(14112408)

560095.00	4190743.00	6704.12502	(15010807)	560115.00	4190743.00	5483.89620	(17112308)
560135.00	4190743.00	5688.30332	(14010617)	560155.00	4190743.00	4725.54063	(14010617)
560175.00	4190743.00	4076.07483	(13112317)	560195.00	4190743.00	3481.52932	(13112317)
560075.00	4190763.00	10043.24145	(13121217)	560095.00	4190763.00	7042.08631	(13030207)
560115.00	4190763.00	7295.11791	(14010617)	560135.00	4190763.00	5719.65809	(13112317)
560155.00	4190763.00	4861.90013	(13112317)	560175.00	4190763.00	3822.36535	(15012808)
560195.00	4190763.00	3119.71498	(17113007)	560215.00	4190763.00	2560.66697	(13012507)
560075.00	4190783.00	11198.45464	(13121217)	560095.00	4190783.00	9657.23771	(14010617)
560115.00	4190783.00	7392.26834	(13112317)	560135.00	4190783.00	5513.02499	(15012808)
560155.00	4190783.00	4082.84076	(13012507)	560175.00	4190783.00	3665.08371	(13012507)
560195.00	4190783.00	3246.28307	(13012507)	560215.00	4190783.00	2818.09933	(13012507)
560235.00	4190783.00	2446.84043	(17111317)	560075.00	4190803.00	13567.01803	(15101307)
560095.00	4190803.00	9263.16978	(15012808)	560115.00	4190803.00	7396.34460	(17111317)
560135.00	4190803.00	6477.26595	(17111317)	560155.00	4190803.00	5729.27925	(17111317)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PLAPM ***

INCLUDING SOURCE(S): PLAPM ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
560175.00	4190803.00	5078.81579	(17111317)	560195.00	4190803.00	4578.37629	(17111317)
560215.00	4190803.00	4175.18028	(17111317)	560235.00	4190803.00	3837.49128	(17111317)
560255.00	4190803.00	3546.51178	(17111317)	560275.00	4190803.00	3289.16381	(17111317)
560075.00	4190823.00	11842.40782	(15012808)	560095.00	4190823.00	8958.60884	(17111317)
560115.00	4190823.00	7581.33630	(17111317)	560135.00	4190823.00	6543.16304	(17111317)
560155.00	4190823.00	5725.04492	(17111317)	560175.00	4190823.00	5032.59252	(17111317)
560195.00	4190823.00	4426.49448	(17111317)	560215.00	4190823.00	3908.45301	(17111317)
560235.00	4190823.00	3468.38094	(17111317)	560255.00	4190823.00	3091.64612	(17111317)
560275.00	4190823.00	2833.80052	(13121617)	560295.00	4190823.00	2635.04080	(13121617)
560315.00	4190823.00	2459.98600	(13121617)	560115.00	4190843.00	6788.85942	(14121317)

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       560135.00   4190843.00     5535.98848  (14121317)              560155.00   4190843.00     4418.74956
(14121317)
       560175.00   4190843.00     3750.42119  (13121617)              560195.00   4190843.00     3376.42125
(13121617)
       560215.00   4190843.00     3079.53333  (13020407)              560235.00   4190843.00     2843.42662
(13020407)
       560255.00   4190843.00     2638.30843  (13020407)              560275.00   4190843.00     2455.38024
(13020407)
       560295.00   4190843.00     2288.57928  (13020407)              560315.00   4190843.00     2134.01938
(13020407)
       560335.00   4190843.00     2008.36574  (13121617)              560195.00   4190863.00     3708.74976
(14121317)
       560215.00   4190863.00     2979.92272  (14121317)              560235.00   4190863.00     2529.52159
(14091907)
       560255.00   4190863.00     2365.30744  (14091907)              560275.00   4190863.00     2204.81407
(14091907)
       560295.00   4190863.00     2044.38896  (14091907)              560315.00   4190863.00     1880.80103
(14091907)
       560335.00   4190863.00     1758.68327  (13020407)              560075.00   4190883.00     9680.90170
(15010507)
       560095.00   4190883.00     8122.19384  (15012009)              560115.00   4190883.00     6120.78459
(15012009)
       560255.00   4190883.00     2718.54759  (14121317)              560275.00   4190883.00     2344.29420
(13010717)
       560295.00   4190883.00     1953.87517  (13010717)              560315.00   4190883.00     1770.32216
(14091907)
       560335.00   4190883.00     1735.70857  (14091907)

 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

PAGE  1312
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

                           *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  PLAZA
***
                               INCLUDING SOURCE(S):     L0000447    , L0000448    , L0000449    , L0000450    ,
L0000451    ,
                L0000452    , L0000453    , L0000454    , L0000455    , L0000456    , L0000457    ,

                                *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10    IN MICROGRAMS/M**3                         **

  Y-COORD  |                                            X-COORD (METERS)
  (METERS) |       559917.30              559937.30              559957.30              559977.30
559997.30
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

 4191625.2 |    491.90728 (17112408)    466.37411 (17112408)    391.72857 (14012908)    364.01505 (16122807)
439.71964 (15011607)
 4191605.2 |    506.41050 (17112408)    489.63386 (17112408)    413.35403 (17112408)    371.85586 (16122807)
451.26357 (15011607)
 4191585.2 |    519.81972 (17112408)    513.19872 (17112408)    440.52578 (17112408)    379.51815 (16122807)
462.89756 (15011607)
 4191565.2 |    531.85649 (17112408)    536.88594 (17112408)    469.13776 (17112408)    395.03342 (13021507)
473.33542 (15011607)
 4191545.2 |    542.21673 (17112408)    560.05205 (17112408)    498.64653 (17112408)    411.84481 (13021507)
484.04744 (15011607)
 4191525.2 |    553.38958 (14122007)    582.16062 (17112408)    528.68951 (17112408)    434.11613 (14012908)
496.32880 (15011607)
 4191505.2 |    567.40527 (14122007)    604.57319 (17112408)    561.16080 (17112408)    460.89386 (14012908)
511.23834 (15011607)
 4191485.2 |    578.37209 (14122007)    625.92583 (17112408)    594.75109 (17112408)    489.08454 (14012908)
525.24714 (15011607)
 4191465.2 |    600.37543 (13040307)    645.79354 (17112408)    629.26956 (17112408)    518.89414 (14012908)
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539.06499 (15011607)
 4191445.2 | 644.18746 (13040307)   665.36633 (17112408)   666.61769 (17112408)   558.61551 (17112408)
554.99486 (15011607)
 4191425.2 | 687.03535 (13040307)   681.29401 (17112408)   703.36029 (17112408)   602.98428 (17112408)
570.59672 (15011607)
 4191405.2 | 727.92211 (13040307)   695.65075 (14122007)   739.49026 (17112408)   648.42460 (17112408)
584.98845 (15011607)
 4191385.2 | 766.15630 (13040307)   714.37944 (14122007)   774.72317 (17112408)   697.47165 (17112408)
600.18057 (15011607)
 4191365.2 | 798.25134 (13040307)   751.18545 (13040307)   808.73135 (17112408)   749.25397 (17112408)
615.58649 (15011607)
 4191345.2 | 824.30499 (13040307)   811.38201 (13040307)   840.74226 (17112408)   803.58258 (17112408)
638.01812 (14012908)
 4191325.2 | 841.84546 (13040307)   870.13404 (13040307)   869.84548 (17112408)   860.14407 (17112408)
687.51818 (14012908)
 4191305.2 | 848.97922 (13040307)   925.93898 (13040307)   894.98916 (17112408)   919.76183 (17112408)
742.86392 (17112408)
 4191285.2 | 843.50216 (13040307)   973.69353 (13040307)   914.89873 (17112408)   979.07580 (17112408)
815.15592 (17112408)
 4191265.2 | 824.77239 (13040307)   1014.17729 (13040307)   975.14818 (13040307)   1039.09186 (17112408)
893.10371 (17112408)
 4191245.2 | 791.39884 (13040307)   1042.71210 (13040307)   1062.04311 (13040307)   1096.09778 (17112408)
977.56885 (17112408)
 4191225.2 | 743.15404 (13040307)   1055.99465 (13040307)   1146.79698 (13040307)   1152.17563 (17112408)
1069.50960 (17112408)
 4191205.2 | 680.79143 (13040307)   1050.84422 (13040307)   1224.81279 (13040307)   1204.71205 (17112408)
1170.93959 (17112408)
 4191185.2 | 616.00636 (14122308)   1024.57411 (13040307)   1293.00125 (13040307)   1251.60792 (17112408)
1274.95998 (17112408)
 4191165.2 | 712.82508 (14122308)   975.46208 (13040307)   1343.25384 (13040307)   1336.92377 (13040307)
1384.76930 (17112408)
 4191145.2 | 803.90416 (14122308)   903.28120 (13040307)   1367.00283 (13040307)   1477.25899 (13040307)
1499.87334 (17112408)
 4191125.2 | 878.69863 (14122308)   809.80898 (13040307)   1361.79698 (13040307)   1606.63626 (13040307)
1616.68847 (17112408)
 4191105.2 | 952.47451 (16010407)   930.33473 (14122308)   1322.82421 (13040307)   1724.00874 (13040307)
1731.07443 (17112408)
 4191085.2 | 1056.07882 (16010407)   1046.39364 (14122308)   1245.72701 (13040307)   1815.70085 (13040307)
1839.26685 (17112408)
 4191065.2 | 1101.29259 (16010407)   1137.30393 (16010407)   1130.62815 (13040307)   1869.03237 (13040307)
1991.78523 (13040307)
 4191045.2 | 1126.99240 (13121607)   1282.67499 (16010407)   1265.69113 (14122308)   1870.90242 (13040307)
2236.63718 (13040307)
 4191025.2 | 1106.02727 (13121607)   1349.50972 (16010407)   1410.45077 (14122308)   1809.99006 (13040307)
2467.32446 (13040307)
 4191005.2 | 1357.72014 (13032907)   1376.65672 (13121607)   1608.74217 (16010407)   1679.90785 (13040307)
2660.78640 (13040307)
 4190985.2 | 1572.27675 (13032907)   1492.55563 (13032907)   1714.08022 (16010407)   1823.91737 (14122308)
2788.24136 (13040307)
 4190965.2 | 1675.62461 (16011807)   1845.03065 (13032907)   1727.10712 (13121607)   2107.92775 (16010407)
2818.43644 (13040307)
 4190945.2 | 1718.83788 (15102707)   1980.09484 (16011807)   2175.20413 (13032907)   2289.61328 (16010407)
2724.42130 (13040307)
 4190925.2 | 1905.43308 (16011808)   2062.87702 (15102707)   2412.49238 (13032907)   2579.73804 (13032907)
2949.67163 (16010407)
 4190905.2 | 2022.50494 (13121108)   2316.79909 (16011808)   2545.71153 (15102707)   3120.93026 (13032907)
3309.50391 (16010407)
 4190885.2 | 1939.32735 (13121108)   2458.22115 (13121108)   2824.73542 (16011808)   3324.19152 (15020308)
4206.37521 (13032907)
 4190865.2 | 1901.89763 (16120108)   2259.87857 (15021108)   2849.22099 (13121108)   3699.32819 (13121108)
4550.72698 (15020308)
 4190845.2 | 1911.13042 (16012008)   2246.36161 (13111607)   2702.52898 (17112007)   3378.24903 (16120108)
4035.80417 (13121108)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PLAZA ***

INCLUDING SOURCE(S): L0000447 , L0000448 , L0000449 , L0000450 , L0000451 ,
L0000452 , L0000453 , L0000454 , L0000455 , L0000456 , L0000457 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	559917.30	559937.30	559957.30	559977.30	559997.30
4190825.2	1905.80617 (13030108)	2252.74807 (13030108)	2725.41911 (13030108)	3408.91500 (13030108)	4533.87494 (13030108)
4190805.2	1858.79476 (15012608)	2155.40070 (15012608)	2536.37055 (14010608)	3147.74846 (13121309)	4310.81896 (13122608)
4190785.2	1735.10229 (17122807)	2164.22387 (17012607)	2765.71837 (17012607)	3431.48349 (13110808)	4232.88746 (14091607)
4190765.2	2027.04462 (17012607)	2336.79842 (17012607)	2828.19040 (13110808)	3165.27251 (14091607)	3628.56560 (13010908)
4190745.2	2041.06090 (13110808)	2341.32238 (13110808)	2475.37923 (14091607)	2826.95602 (13010908)	3200.34560 (14112407)
4190725.2	1936.77377 (13110808)	2046.71005 (14010408)	2299.35338 (13010908)	2564.04443 (14112407)	2827.39423 (15011207)
4190705.2	1731.76625 (14112707)	1921.71223 (14121307)	2082.30575 (16110807)	2326.86699 (15011207)	2582.11986 (13012108)
4190685.2	1652.71624 (14121307)	1789.85508 (16110807)	1927.71149 (14112407)	2053.85524 (13121408)	2433.13874 (13012108)
4190665.2	1555.19157 (16110807)	1668.52900 (14112407)	1792.61443 (15011207)	1811.40476 (13012108)	2174.36387 (13012108)
4190645.2	1434.55358 (14112407)	1514.43149 (15011207)	1602.66822 (13121408)	1808.47299 (13012108)	1926.41940 (13013107)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PLAZA ***

INCLUDING SOURCE(S): L0000447 , L0000448 , L0000449 , L0000450 , L0000451 ,
L0000452 , L0000453 , L0000454 , L0000455 , L0000456 , L0000457 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	560017.30	560037.30	560057.30	560077.30	560097.30
4191625.2	471.14462 (15011607)	442.08201 (15011607)	362.80421 (15011607)	298.46994 (16020608)	343.45315 (16020608)
4191605.2	486.99115 (15011607)	458.22017 (15011607)	375.70839 (15011607)	312.08554 (16020608)	355.28411 (16020608)
4191585.2	503.24039 (15011607)	475.08172 (15011607)	389.32474 (15011607)	326.56685 (16020608)	367.46169 (16020608)
4191565.2	518.64929 (15011607)	492.07510 (15011607)	403.18962 (15011607)	341.56132 (16020608)	

385.08864 (15010517)
 4191545.2 | 535.49202 (15011607)   510.30083 (15011607)   417.51208 (15011607)   357.17428 (16020608)
410.96728 (15010517)
 4191525.2 | 554.37506 (15011607)   530.02864 (15011607)   432.29790 (15011607)   373.46023 (16020608)
438.92313 (15010517)
 4191505.2 | 575.31647 (15011607)   551.27417 (15011607)   448.88014 (15011607)   391.13859 (16020608)
468.59837 (15010517)
 4191485.2 | 597.07559 (15011607)   574.21481 (15011607)   467.71768 (15011607)   411.08694 (16020608)
502.16796 (15010517)
 4191465.2 | 619.76020 (15011607)   599.00277 (15011607)   487.54420 (15011607)   431.12920 (16020608)
536.49072 (15010517)
 4191445.2 | 645.70763 (15011607)   627.04467 (15011607)   507.44707 (15011607)   452.19844 (16020608)
572.85766 (15010517)
 4191425.2 | 671.43803 (15011607)   654.23465 (15011607)   528.91273 (15011607)   474.49405 (16020608)
611.57831 (15010517)
 4191405.2 | 697.58498 (15011607)   684.25530 (15011607)   552.15956 (15011607)   498.08261 (16020608)
652.71630 (15010517)
 4191385.2 | 726.01080 (15011607)   716.56600 (15011607)   577.14273 (15011607)   523.03059 (16020608)
696.30781 (15010517)
 4191365.2 | 756.20997 (15011607)   751.41485 (15011607)   604.04967 (15011607)   549.40308 (16020608)
742.35153 (15010517)
 4191345.2 | 788.32426 (15011607)   789.08517 (15011607)   633.09468 (15011607)   595.03463 (15010517)
790.79641 (15010517)
 4191325.2 | 822.50806 (15011607)   829.90169 (15011607)   664.52382 (15011607)   646.83221 (15010517)
841.52660 (15010517)
 4191305.2 | 858.92936 (15011607)   874.23816 (15011607)   698.62092 (15011607)   703.64549 (15010517)
894.34340 (15010517)
 4191285.2 | 897.77072 (15011607)   922.52656 (15011607)   735.71486 (15011607)   765.93279 (15010517)
948.94394 (15010517)
 4191265.2 | 939.23021 (15011607)   975.26849 (15011607)   776.18872 (15011607)   834.16778 (15010517)
1004.89639 (15010517)
 4191245.2 | 983.52226 (15011607)   1033.04926 (15011607)   820.49116 (15011607)   908.82773 (15010517)
1061.61210 (15010517)
 4191225.2 | 1030.87832 (15011607)   1096.55542 (15011607)   869.15072 (15011607)   990.37572 (15010517)
1118.31521 (15010517)
 4191205.2 | 1083.23324 (15011607)   1169.11387 (15011607)   923.54944 (15011607)   1079.23510 (15010517)
1174.01135 (15010517)
 4191185.2 | 1136.22902 (15011607)   1245.75442 (15011607)   984.95087 (15011607)   1177.61678 (15010517)
1227.45775 (15010517)
 4191165.2 | 1194.37339 (15011607)   1331.52863 (15011607)   1049.59756 (15011607)   1283.81468 (15010517)
1277.13892 (15010517)
 4191145.2 | 1256.68337 (15011607)   1427.94952 (15011607)   1123.59852 (15011607)   1396.87218 (15010517)
1321.25356 (15010517)
 4191125.2 | 1346.51899 (17112408)   1536.12429 (15011607)   1206.73008 (15011607)   1517.78664 (15010517)
1357.72065 (15010517)
 4191105.2 | 1520.82664 (17112408)   1658.11942 (15011607)   1300.66815 (15011607)   1645.99502 (15010517)
1477.30936 (15112108)
 4191085.2 | 1717.15728 (17112408)   1796.49025 (15011607)   1407.51206 (15011607)   1780.45262 (15010517)
1670.34276 (15112108)
 4191065.2 | 1936.79356 (17112408)   1954.43198 (15011607)   1579.00531 (15010517)   1919.50269 (15010517)
1859.24009 (15112108)
 4191045.2 | 2180.14766 (17112408)   2135.99069 (15011607)   1792.47153 (15010517)   2059.87072 (15010517)
2031.03865 (15112108)
 4191025.2 | 2446.17498 (17112408)   2346.36492 (15011607)   2038.78064 (15010517)   2194.89393 (15010517)
2256.29460 (14112517)
 4191005.2 | 2731.58001 (17112408)   2592.34701 (15011607)   2311.28657 (15010517)   2319.40715 (15010517)
2467.29162 (14112517)
 4190985.2 | 3029.82258 (17112408)   2878.72473 (15011607)   2599.75213 (15010517)   2627.37814 (15112108)
2624.71078 (14112517)
 4190965.2 | 3399.24333 (13040307)   3224.98856 (15011607)   2959.08511 (15010517)   3011.01976 (14112517)
2659.82625 (14112517)
 4190945.2 | 3913.32139 (13040307)   3605.35569 (15011607)   3351.14458 (15010517)   3446.94206 (14112517)
3105.31056 (13121417)
 4190925.2 | 4356.12174 (13040307)   4049.10985 (17112408)   3781.39683 (15010517)   3833.48643 (14112517)
3360.87724 (13121417)
 4190905.2 | 4717.60096 (13040307)   4857.00925 (17112408)   4301.08923 (14112517)   4104.56330 (14112517)
3478.75314 (13121308)
 4190885.2 | 4944.35789 (13040307)   5795.60011 (17112408)   5310.82056 (14112517)   4645.76982 (13121308)
4302.89092 (15012009)

 4190865.2 | 4332.03838 (13032907)   4596.69972 (13040307)   3948.80311 (14112517)   5211.49278 (15012009)
4526.23932 (15012009)
 4190845.2 | 3470.33544 (13032907)   3140.61843 (13040307)   3194.82885 (14112517)   4651.13596 (15012009)
4655.89185 (14121317)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: PLAZA
***
                                INCLUDING SOURCE(S):   L0000447   , L0000448   , L0000449   , L0000450   ,
L0000451   ,
                L0000452   , L0000453   , L0000454   , L0000455   , L0000456   , L0000457   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560017.30   560037.30   560057.30   560077.30
560097.30
 -
- - - - - - - -

 4190825.2 | 3203.39171 (13121108)   1197.24176 (13032907)   835.67350 (14012008)   3139.37887 (17111317)
5154.56656 (17111317)
 4190805.2 | 4029.20191 (14091607)   2543.74662 (13012408)   2597.39902 (15010807)   3337.15239 (14010617)
3793.16380 (17113007)
 4190785.2 | 4216.50169 (14091607)   4297.95071 (14040707)   4589.66969 (13121217)   4145.54580 (17112308)
4881.62888 (14010617)
 4190765.2 | 4336.47095 (14112008)   4724.17330 (13010807)   4852.30228 (16120508)   4947.89137 (15010807)
4127.41657 (17112308)
 4190745.2 | 3882.45460 (13012108)   4512.83969 (13010807)   4612.71570 (16120508)   4306.22716 (13121217)
3686.99399 (15010807)
 4190725.2 | 3368.98996 (13012108)   3759.63125 (15010808)   3852.62493 (15012007)   3698.67703 (15010907)
3354.77129 (15010807)
 4190705.2 | 2986.59856 (13013107)   3184.69793 (15010808)   3304.32082 (15012007)   3215.42290 (15010907)
2923.63751 (13111408)
 4190685.2 | 2638.89821 (13013107)   2723.80321 (15010808)   2836.13218 (15012007)   2851.94236 (16111207)
2572.71496 (13121217)
 4190665.2 | 2285.02521 (13013107)   2356.25060 (13121808)   2470.11182 (15012007)   2495.55247 (16120508)
2274.01866 (15010907)
 4190645.2 | 2083.06976 (13010807)   2101.92555 (13120207)   2169.13028 (15012007)   2200.14793 (16120508)
2086.71826 (15010907)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: PLAZA
***
                                INCLUDING SOURCE(S):   L0000447   , L0000448   , L0000449   , L0000450   ,
L0000451   ,
                L0000452   , L0000453   , L0000454   , L0000455   , L0000456   , L0000457   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560117.30   560137.30   560157.30   560177.30
560197.30

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 4191625.2 |    423.92653 (15010517)    482.77170 (15010517)    469.87040 (15010517)    391.71156 (15010517)
390.88446 (15112108)
 4191605.2 |    446.93785 (15010517)    500.89290 (15010517)    477.58628 (15010517)    388.33303 (15010517)
422.97015 (15112108)
 4191585.2 |    470.98220 (15010517)    518.92590 (15010517)    484.11284 (15010517)    383.38949 (15010517)
455.57892 (15112108)
 4191565.2 |    494.30410 (15010517)    534.49768 (15010517)    487.26501 (15010517)    385.29060 (15112108)
487.14085 (15112108)
 4191545.2 |    520.54472 (15010517)    551.31573 (15010517)    489.66623 (15010517)    422.47009 (15112108)
518.70004 (15112108)
 4191525.2 |    549.05944 (15010517)    569.48527 (15010517)    491.75186 (15010517)    462.62660 (15112108)
549.53169 (15112108)
 4191505.2 |    576.88229 (15010517)    587.32398 (15010517)    495.46541 (15010517)    507.86364 (15112108)
581.28656 (15112108)
 4191485.2 |    607.63946 (15010517)    603.95455 (15010517)    494.55110 (15010517)    551.78313 (15112108)
607.15852 (15112108)
 4191465.2 |    637.20287 (15010517)    617.20201 (15010517)    489.32541 (15010517)    593.62093 (15112108)
627.63339 (15112108)
 4191445.2 |    666.99407 (15010517)    628.91256 (15010517)    515.33475 (15112108)    634.94539 (15112108)
643.28457 (15112108)
 4191425.2 |    696.97832 (15010517)    638.51603 (15010517)    569.11552 (15112108)    674.00710 (15112108)
652.44541 (15112108)
 4191405.2 |    726.86588 (15010517)    645.62904 (15010517)    624.97453 (15112108)    709.40881 (15112108)
675.98540 (14112517)
 4191385.2 |    756.30353 (15010517)    649.84802 (15010517)    681.92144 (15112108)    739.58495 (15112108)
706.88127 (14112517)
 4191365.2 |    784.86701 (15010517)    650.75771 (15010517)    738.63871 (15112108)    762.85201 (15112108)
731.36419 (14112517)
 4191345.2 |    812.05414 (15010517)    647.94297 (15010517)    793.45329 (15112108)    777.48754 (15112108)
747.67197 (14112517)
 4191325.2 |    837.27921 (15010517)    714.11270 (15112108)    844.32863 (15112108)    812.79610 (14112517)
754.07483 (14112517)
 4191305.2 |    859.86966 (15010517)    792.31663 (15112108)    888.88864 (15112108)    852.10633 (14112517)
749.01889 (14112517)
 4191285.2 |    879.06645 (15010517)    872.21919 (15112108)    924.48575 (15112108)    881.87912 (14112517)
744.03151 (16112517)
 4191265.2 |    894.02961 (15010517)    951.49949 (15112108)    948.32596 (15112108)    899.35939 (14112517)
762.39350 (16112517)
 4191245.2 |    903.85114 (15010517)   1027.14500 (15112108)   1002.99702 (14112517)    901.90234 (14112517)
756.94508 (16112517)
 4191225.2 |    932.55171 (15112108)   1095.44696 (15112108)   1054.47548 (14112517)    887.26244 (14112517)
856.20292 (15021907)
 4191205.2 |   1048.72231 (15112108)   1152.08029 (15112108)   1090.99318 (14112517)    895.08240 (16112517)
962.68221 (13121417)
 4191185.2 |   1167.77049 (15112108)   1193.61970 (14112517)   1108.02859 (14112517)    929.62580 (15021907)
1088.12129 (13121417)
 4191165.2 |   1285.22449 (15112108)   1280.80056 (14112517)   1101.40742 (14112517)   1069.50808 (15021907)
1181.03260 (13121417)
 4191145.2 |   1395.14663 (15112108)   1350.70872 (14112517)   1071.83306 (16112517)   1221.98585 (13121417)
1223.87238 (13121417)
 4191125.2 |   1490.18037 (15112108)   1395.56333 (14112517)   1192.70316 (15021907)   1354.30150 (13121417)
1210.99773 (13121308)
 4191105.2 |   1584.10067 (14112517)   1407.55611 (14112517)   1380.44658 (13121417)   1426.87128 (13121417)
1302.15940 (15020707)
 4191085.2 |   1714.38229 (14112517)   1379.99223 (14112517)   1569.38555 (13121417)   1418.47556 (13121417)
1336.08424 (13122017)
 4191065.2 |   1814.11690 (14112517)   1575.94564 (15021907)   1687.80597 (13121417)   1510.30006 (15020707)
1278.82291 (13122017)
 4191045.2 |   1868.56350 (14112517)   1841.34801 (13121417)   1702.45162 (13121417)   1534.78949 (13122017)
1405.90422 (17031607)
 4191025.2 |   1866.88948 (14112517)   2031.87306 (13121417)   1778.04530 (15020707)   1477.41172 (17031607)
1532.03759 (17031607)
 4191005.2 |   2201.90663 (13121417)   2088.83549 (13121417)   1781.23730 (13122017)   1713.61184 (17031607)
1855.57306 (15012009)
 4190985.2 |   2511.27711 (13121417)   2132.89473 (15020707)   1891.72615 (17031607)   2041.71578 (15012009)
2158.27871 (15012009)
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 4190965.2 | 2649.62283 (13121417)   2111.87267 (13122017)   2273.64589 (15020708)   2432.44912 (15012009)
2091.16280 (15012009)
 4190945.2 | 2655.75837 (13121308)   2562.67890 (15020708)   2787.13688 (15012009)   2388.13321 (15012009)
2111.40044 (14012907)
 4190925.2 | 2831.15328 (15020708)   3117.19595 (15012009)   2685.80475 (15012009)   2377.53080 (14012907)
2106.17777 (13011717)
 4190905.2 | 3630.14870 (15012009)   3137.54511 (15012009)   2719.55539 (14012907)   2493.34174 (13011717)
2246.78233 (13011717)
 4190885.2 | 3729.37246 (15012009)   3138.68753 (14012907)   2868.34650 (13011717)   2356.59214 (13011717)
2275.19529 (13012308)
 4190865.2 | 3683.83811 (13011717)   3173.96257 (14121317)   2968.95603 (13010717)   2680.15592 (13010717)
2417.93454 (13010717)
 4190845.2 | 3917.28545 (14121317)   3271.24071 (13010717)   2786.40101 (13010717)   2445.13028 (13020407)
2266.78146 (13020407)

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: PLAZA
***
                                INCLUDING SOURCE(S):   L0000447   , L0000448   , L0000449   , L0000450   ,
L0000451   ,
                L0000452   , L0000453   , L0000454   , L0000455   , L0000456   , L0000457   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560117.30   560137.30   560157.30   560177.30
560197.30
 -
- - - - - - - -

 4190825.2 | 4322.80293 (17111317)   3716.15630 (17111317)   3269.24659 (13121617)   2960.72594 (13121617)
2674.06077 (13121617)
 4190805.2 | 4112.05006 (17111317)   3720.22886 (17111317)   3346.69393 (17111317)   2992.32789 (17111317)
2697.05832 (17111317)
 4190785.2 | 3551.32047 (14112408)   2915.98981 (17113007)   2465.13232 (13012507)   2185.97700 (13012507)
1910.78543 (17111317)
 4190765.2 | 3840.48234 (14010617)   2969.62668 (14112408)   2406.55818 (13012407)   2112.62958 (17113007)
1761.79084 (17113007)
 4190745.2 | 3295.83628 (17112308)   3135.49409 (14010617)   2564.84162 (14010617)   2122.08620 (14112408)
1793.52776 (13012407)
 4190725.2 | 2798.21730 (16120808)   2743.84318 (17112308)   2577.60607 (14010617)   2247.03001 (14010617)
1833.67858 (14112408)
 4190705.2 | 2740.82981 (15010807)   2420.08998 (16120808)   2316.36446 (17112308)   2130.59627 (14010617)
1973.23417 (14010617)
 4190685.2 | 2429.15230 (15010807)   2169.23604 (16122208)   2090.50574 (16120808)   1977.10365 (17112308)
1787.79889 (14010617)
 4190665.2 | 2208.88935 (13111408)   2137.36362 (15010807)   1780.88335 (16122208)   1804.72186 (16120808)
1717.98142 (17112308)
 4190645.2 | 1950.84565 (13111408)   1858.99574 (15010807)   1767.44618 (15010807)   1530.04318 (16120808)
1571.44038 (16120808)

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: PLAZA
***
                                INCLUDING SOURCE(S):   L0000447   , L0000448   , L0000449   , L0000450   ,

L0000451 ,
L0000452 , L0000453 , L0000454 , L0000455 , L0000456 , L0000457 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 560217.30	560237.30	560257.30	560277.30	560297.30
4191625.2	461.69059 (15112108)	471.48201 (15112108)	448.67980 (14112517)	430.49298 (14112517)	379.43838 (16112517)
4191605.2	484.93193 (15112108)	478.90534 (15112108)	463.17879 (14112517)	431.20874 (14112517)	396.50337 (16112517)
4191585.2	506.10046 (15112108)	482.43050 (15112108)	474.64731 (14112517)	428.04026 (14112517)	407.83990 (16112517)
4191565.2	524.50351 (15112108)	493.59881 (14112517)	482.50031 (14112517)	420.72993 (14112517)	412.37566 (16112517)
4191545.2	539.40858 (15112108)	513.90134 (14112517)	486.17366 (14112517)	437.30274 (16112517)	409.28726 (16112517)
4191525.2	550.34210 (15112108)	531.16266 (14112517)	485.36271 (14112517)	451.32881 (16112517)	398.11570 (16112517)
4191505.2	558.27612 (15112108)	546.02807 (14112517)	480.68488 (14112517)	458.28104 (16112517)	400.08308 (15021907)
4191485.2	573.74780 (14112517)	553.68206 (14112517)	487.87555 (16112517)	455.27043 (16112517)	446.70404 (15021907)
4191465.2	598.60916 (14112517)	556.12820 (14112517)	505.55559 (16112517)	441.95501 (16112517)	490.81087 (15021907)
4191445.2	618.96796 (14112517)	552.20832 (14112517)	512.89222 (16112517)	467.57523 (15021907)	530.18187 (15021907)
4191425.2	633.64787 (14112517)	545.90170 (16112517)	508.87842 (16112517)	520.83276 (15021907)	582.09065 (13121417)
4191405.2	641.47859 (14112517)	568.35277 (16112517)	492.77036 (16112517)	569.80666 (15021907)	627.06670 (13121417)
4191385.2	641.37228 (14112517)	578.43544 (16112517)	549.59593 (15021907)	623.95597 (13121417)	657.52961 (13121417)
4191365.2	632.41799 (14112517)	574.14172 (16112517)	610.61767 (15021907)	679.58777 (13121417)	669.71985 (13121417)
4191345.2	646.28496 (16112517)	578.15266 (15021907)	668.83862 (13121417)	720.27746 (13121417)	661.61041 (13121417)
4191325.2	659.76048 (16112517)	653.67630 (15021907)	738.87977 (13121417)	740.63745 (13121417)	663.19900 (13121308)
4191305.2	654.91506 (16112517)	722.92150 (15021907)	792.91385 (13121417)	736.39225 (13121417)	722.58870 (15020707)
4191285.2	698.03987 (15021907)	805.27696 (13121417)	823.74516 (13121417)	734.56077 (13121308)	750.81234 (15020707)
4191265.2	786.99715 (15021907)	876.80907 (13121417)	825.31622 (13121417)	800.16846 (15020707)	771.68236 (13122017)
4191245.2	879.60980 (13121417)	922.00888 (13121417)	819.89312 (13121308)	827.86824 (15020707)	751.56484 (13122017)
4191225.2	974.25902 (13121417)	932.27698 (13121417)	892.15836 (15020707)	848.08958 (13122017)	689.40869 (17011317)
4191205.2	1039.34805 (13121417)	923.35758 (13121308)	923.19613 (13122017)	811.90967 (13122017)	716.30315 (17031607)
4191185.2	1062.62375 (13121417)	1002.49963 (15020707)	935.08516 (13122017)	762.86086 (17011317)	847.61955 (17031607)
4191165.2	1050.85357 (13121308)	1037.20246 (13122017)	877.12425 (13122017)	872.37109 (17031607)	913.32838 (17031607)
4191145.2	1136.61479 (15020707)	1034.38684 (13122017)	882.70484 (17031607)	981.56044 (17031607)	903.62560 (15020708)
4191125.2	1172.91426 (13122017)	947.03557 (13122017)	1042.05624 (17031607)	993.56778 (17031607)	1072.51093 (15020708)
4191105.2	1148.07103 (13122017)	1090.04264 (17031607)	1102.23320 (17031607)	1146.42720 (15020708)	1236.21160 (15012009)
4191085.2	1120.08219 (17031607)	1210.89546 (17031607)	1225.47592 (15020708)	1331.03548 (15012009)	1317.90134 (15012009)

 4191065.2 | 1314.36177 (17031607)   1309.67552 (15020708)   1437.70359 (15012009)   1438.65810 (15012009)
1221.75298 (15012009)
 4191045.2 | 1398.95425 (15020708)   1558.49941 (15012009)   1578.04909 (15012009)   1341.03060 (15012009)
1265.79503 (16120517)
 4191025.2 | 1696.42702 (15012009)   1740.33677 (15012009)   1480.53179 (15012009)   1388.15504 (16120517)
1287.00471 (14012907)
 4191005.2 | 1931.17901 (15012009)   1645.38719 (15012009)   1526.09328 (16120517)   1426.11867 (14012907)
1299.84180 (14012907)
 4190985.2 | 1842.55926 (15012009)   1684.53751 (16120517)   1577.79005 (14012907)   1435.93419 (14010709)
1393.58744 (13011717)
 4190965.2 | 1865.92156 (16120517)   1732.42903 (14012907)   1558.96692 (14010709)   1578.92314 (13011717)
1462.09054 (13011717)
 4190945.2 | 1892.16605 (14012907)   1814.61839 (13011717)   1722.47793 (13011717)   1494.58518 (13011717)
1263.39481 (13121117)
 4190925.2 | 2058.35363 (13011717)   1818.43961 (13011717)   1519.02985 (13121117)   1511.75294 (13121117)
1443.98698 (13012308)
 4190905.2 | 1859.86662 (13121117)   1817.05922 (13121117)   1778.85458 (13012308)   1682.88973 (13010717)
1611.76940 (13010717)
 4190885.2 | 2159.66140 (13010717)   2051.45455 (13010717)   1875.88626 (13010717)   1664.05207 (13010717)
1437.36305 (13010717)
 4190865.2 | 2116.74042 (13010717)   1781.77450 (13010717)   1671.58863 (14091907)   1571.40481 (14091907)
1465.73307 (14091907)
 4190845.2 | 2104.97769 (13020407)   1953.32355 (13020407)   1815.90742 (13020407)   1690.39361 (13020407)
1575.14262 (13020407)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: PLAZA
***
                               INCLUDING SOURCE(S):   L0000447   , L0000448   , L0000449   , L0000450   ,
L0000451   ,
                L0000452   , L0000453   , L0000454   , L0000455   , L0000456   , L0000457   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560217.30   560237.30   560257.30   560277.30
560297.30
 -
- - - - - - - -

 4190825.2 | 2427.55739 (13121617)   2217.30730 (13121617)   2036.01548 (13121617)   1878.24178 (13121617)
1739.83941 (13121617)
 4190805.2 | 2445.67799 (17111317)   2228.36638 (17111317)   2038.44048 (17111317)   1871.10961 (17111317)
1722.77647 (17111317)
 4190785.2 | 1813.83581 (17111317)   1724.18687 (17111317)   1644.06116 (17111317)   1564.46545 (17111317)
1487.96542 (17111317)
 4190765.2 | 1598.88316 (13012507)   1495.68540 (13012507)   1368.49107 (13012507)   1229.00602 (13012507)
1090.75124 (13012507)
 4190745.2 | 1624.15442 (13012407)   1411.36671 (17113007)   1172.35305 (17113007)   1136.44251 (13012507)
1094.66017 (13012507)
 4190725.2 | 1582.35310 (14112408)   1407.23077 (13012407)   1304.38517 (13012407)   1159.89112 (17113007)
1001.44759 (17113007)
 4190705.2 | 1545.44312 (14010617)   1441.14799 (14112408)   1219.33939 (14112408)   1140.57636 (13012407)
1078.51842 (13012407)
 4190685.2 | 1729.17926 (14010617)   1435.18764 (14010617)   1271.49195 (14112408)   1155.13745 (14112408)
979.83114 (16021208)
 4190665.2 | 1521.30994 (16122708)   1522.15767 (14010617)   1327.97115 (14010617)   1096.93230 (14112408)
1059.02251 (14112408)
 4190645.2 | 1503.80312 (17112308)   1343.61822 (16122708)   1343.28304 (14010617)   1222.23917 (14010617)
990.88959 (14010617)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PLAZA ***

INCLUDING SOURCE(S): L0000447 , L0000448 , L0000449 , L0000450 , L0000451 ,
L0000452 , L0000453 , L0000454 , L0000455 , L0000456 , L0000457 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	560317.30	560337.30	560357.30	560377.30	560397.30
4191625.2	374.53004 (16112517)	318.11004 (16112517)	359.48853 (15021907)	392.65301 (13121417)	419.84929 (13121417)
4191605.2	371.73928 (16112517)	338.08919 (15021907)	387.44026 (15021907)	422.95124 (13121417)	432.93165 (13121417)
4191585.2	362.25383 (16112517)	373.00488 (15021907)	410.91800 (15021907)	447.06219 (13121417)	437.92726 (13121417)
4191565.2	346.38532 (15021907)	406.30668 (15021907)	445.68573 (13121417)	463.27443 (13121417)	433.23213 (13121417)
4191545.2	386.95998 (15021907)	436.15131 (15021907)	475.33769 (13121417)	470.53040 (13121417)	423.75114 (13121308)
4191525.2	426.36765 (15021907)	471.34902 (13121417)	496.98428 (13121417)	467.90817 (13121417)	432.66333 (13121308)
4191505.2	462.71648 (15021907)	507.42521 (13121417)	508.49309 (13121417)	456.00003 (13121308)	468.17005 (15020707)
4191485.2	498.51114 (13121417)	534.95773 (13121417)	508.15454 (13121417)	466.55799 (13121308)	492.31573 (15020707)
4191465.2	542.34872 (13121417)	551.23517 (13121417)	494.95511 (13121417)	505.71988 (15020707)	502.31834 (13122017)
4191445.2	577.18561 (13121417)	553.98326 (13121417)	505.19128 (13121308)	530.98024 (15020707)	516.27075 (13122017)
4191425.2	600.17634 (13121417)	541.73006 (13121417)	548.41962 (15020707)	543.66200 (13122017)	507.71558 (13122017)
4191405.2	608.16146 (13121417)	549.78065 (13121308)	575.03376 (15020707)	554.78970 (13122017)	476.04833 (13122017)
4191385.2	598.75556 (13121417)	600.34446 (15020707)	593.06340 (13122017)	541.52592 (13122017)	469.13287 (17011317)
4191365.2	602.79808 (13121308)	627.04490 (15020707)	598.86866 (13122017)	500.17589 (13122017)	470.67585 (17011317)
4191345.2	656.49298 (15020707)	644.99620 (13122017)	574.70016 (13122017)	507.29486 (17011317)	509.61016 (17031607)
4191325.2	684.51671 (15020707)	645.25873 (13122017)	536.31417 (17011317)	502.96742 (17031607)	582.75836 (17031607)
4191305.2	704.40230 (13122017)	609.79882 (13122017)	544.40548 (17011317)	594.55600 (17031607)	622.36070 (17031607)
4191285.2	696.07008 (13122017)	587.43818 (17011317)	599.01067 (17031607)	655.15005 (17031607)	617.31780 (17031607)
4191265.2	646.15528 (13122017)	594.73888 (17031607)	682.97337 (17031607)	669.06216 (17031607)	623.66250 (15020708)
4191245.2	639.07669 (17011317)	703.87059 (17031607)	720.06014 (17031607)	641.06500 (15020708)	722.16612 (15020708)
4191225.2	715.70788 (17031607)	768.45419 (17031607)	697.33039 (17031607)	757.22168 (15020708)	793.43859 (15012009)
4191205.2	811.90977 (17031607)	768.54162 (17031607)	793.25374 (15020708)	832.90083 (15012009)	888.00927 (15012009)
4191185.2	841.29776 (17031607)	829.96350 (15020708)	880.16879 (15020708)	944.47696 (15012009)	900.28732 (15012009)

 4191165.2 | 866.93830 (15020708)   939.58330 (15020708)   1006.64245 (15012009)   965.26634 (15012009)
820.41618 (15012009)
 4191145.2 | 1003.62166 (15020708)   1075.31152 (15012009)   1038.02168 (15012009)   881.74720 (15012009)
854.95604 (16122217)
 4191125.2 | 1151.44664 (15012009)   1119.88641 (15012009)   950.89705 (15012009)   912.35238 (16122217)
897.98811 (16120517)
 4191105.2 | 1212.49986 (15012009)   1029.32007 (15012009)   975.77216 (16122217)   959.45029 (16120517)
889.74093 (14012907)
 4191085.2 | 1118.83650 (15012009)   1060.04778 (16120517)   1025.45818 (16120517)   966.20273 (14012907)
909.31704 (14012907)
 4191065.2 | 1156.99541 (16120517)   1096.15633 (16120517)   1046.55318 (14012907)   957.53764 (14010709)
944.03911 (14010709)
 4191045.2 | 1171.62908 (16120517)   1129.67967 (14012907)   1054.86573 (14010709)   996.45672 (14010709)
1000.52845 (13011717)
 4191025.2 | 1213.91883 (14012907)   1146.93026 (14010709)   1090.86253 (13011717)   1110.64184 (13011717)
1049.53042 (13011717)
 4191005.2 | 1231.11695 (14010709)   1246.03599 (13011717)   1201.50398 (13011717)   1074.73454 (13011717)
898.09922 (13011717)
 4190985.2 | 1376.64511 (13011717)   1252.23685 (13011717)   1056.89044 (13011717)   913.21990 (13121117)
956.64683 (13121117)
 4190965.2 | 1249.29788 (13011717)   1069.21337 (13121117)   1109.02163 (13121117)   1091.92343 (13121117)
1026.60246 (13121117)
 4190945.2 | 1286.66080 (13121117)   1242.22394 (13121117)   1201.60596 (13012308)   1172.41341 (13012308)
1117.96823 (13010717)
 4190925.2 | 1416.91863 (13012308)   1345.57859 (13010717)   1302.11201 (13010717)   1224.97476 (13010717)
1126.59872 (13010717)
 4190905.2 | 1497.06602 (13010717)   1353.04432 (13010717)   1193.33836 (13010717)   1029.76970 (13010717)
896.77315 (14122717)
 4190885.2 | 1219.49716 (14091907)   1195.91579 (14091907)   1160.42928 (14091907)   1115.43007 (14091907)
1063.19516 (14091907)
 4190865.2 | 1357.33996 (14091907)   1248.71710 (14091907)   1148.26320 (13020407)   1107.66419 (13020407)
1066.69922 (13020407)
 4190845.2 | 1468.95910 (13020407)   1370.92936 (13020407)   1280.31897 (13020407)   1196.50954 (13020407)
1118.96043 (13020407)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: PLAZA
***
                               INCLUDING SOURCE(S):   L0000447   , L0000448   , L0000449   , L0000450   ,
L0000451   ,
                L0000452   , L0000453   , L0000454   , L0000455   , L0000456   , L0000457   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560317.30   560337.30   560357.30   560377.30
560397.30
 -
- - - - - - - -

 4190825.2 | 1619.88778 (13121617)   1512.30384 (13121617)   1414.75028 (13121617)   1327.18555 (13121617)
1248.23230 (13121617)
 4190805.2 | 1594.13869 (17111317)   1470.82656 (17111317)   1364.92831 (17111317)   1269.53536 (17111317)
1183.35098 (17111317)
 4190785.2 | 1414.44369 (17111317)   1343.16662 (17111317)   1277.58826 (17111317)   1215.26578 (17111317)
1156.12280 (17111317)
 4190765.2 | 981.30539 (13122807)   933.77471 (13122807)   898.15952 (17111317)   885.80767 (17111317)
871.13073 (17111317)
 4190745.2 | 1033.58142 (13012507)   959.90062 (13012507)   879.38293 (13012507)   796.63256 (13012507)
715.08425 (13012507)
 4190725.2 | 865.23688 (15021908)   855.69975 (13012507)   840.77225 (13012507)   811.09774 (13012507)

770.45520 (13012507)
 4190705.2 | 973.90050 (17113007)   865.43769 (17113007)   743.82010 (17113007)   689.83286 (15021908)
670.90364 (13012507)
 4190685.2 | 949.67051 (13012407)   910.67530 (13012407)   832.73422 (13012407)   755.34476 (17113007)
665.73092 (17113007)
 4190665.2 | 942.65412 (14112408)   827.86286 (16021208)   806.63098 (13012407)   781.91708 (13012407)
726.18319 (13012407)
 4190645.2 | 947.31795 (14112408)   889.89761 (14112408)   780.81562 (14112408)   711.41229 (16021208)
696.18824 (13012407)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: PLAZA
***
                               INCLUDING SOURCE(S):   L0000447   , L0000448   , L0000449   , L0000450   ,
L0000451   ,
                L0000452   , L0000453   , L0000454   , L0000455   , L0000456   , L0000457   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560417.30   560437.30   560457.30   560477.30
560497.30
 -
- - - - - - - -

 4191625.2 | 407.34129 (13121417)   370.39320 (13121308)   379.94846 (15020707)   386.16960 (15020707)
379.10738 (13122017)
 4191605.2 | 401.82025 (13121417)   376.87336 (13121308)   400.80334 (15020707)   395.24782 (13122017)
374.92610 (13122017)
 4191585.2 | 396.05875 (13121308)   406.60919 (15020707)   410.87119 (15020707)   401.75663 (13122017)
358.05751 (13122017)
 4191565.2 | 403.36072 (13121308)   428.16129 (15020707)   421.57140 (13122017)   393.72529 (13122017)
329.66102 (17011317)
 4191545.2 | 434.95161 (15020707)   436.65417 (15020707)   424.65722 (13122017)   371.13089 (13122017)
345.63479 (17011317)
 4191525.2 | 457.95890 (15020707)   449.67918 (13122017)   412.73155 (13122017)   356.35328 (17011317)
346.69913 (17011317)
 4191505.2 | 466.50370 (15020707)   450.50192 (13122017)   385.17323 (13122017)   368.04335 (17011317)
331.10396 (17011317)
 4191485.2 | 481.43981 (13122017)   433.30460 (13122017)   384.60977 (17011317)   361.69156 (17011317)
386.39200 (17031607)
 4191465.2 | 478.17583 (13122017)   398.89032 (13122017)   389.68328 (17011317)   382.26697 (17031607)
432.17259 (17031607)
 4191445.2 | 454.48743 (13122017)   413.31471 (17011317)   374.20710 (17031607)   438.00987 (17031607)
457.79262 (17031607)
 4191425.2 | 430.65271 (17011317)   409.66666 (17011317)   440.39064 (17031607)   475.67293 (17031607)
458.77582 (17031607)
 4191405.2 | 441.67869 (17011317)   437.99187 (17031607)   490.63332 (17031607)   487.71576 (17031607)
433.14476 (17031607)
 4191385.2 | 431.57433 (17031607)   502.52386 (17031607)   515.35630 (17031607)   470.17530 (17031607)
462.86247 (15020708)
 4191365.2 | 509.99608 (17031607)   542.78054 (17031607)   509.12907 (17031607)   473.44780 (15020708)
526.92619 (15020708)
 4191345.2 | 565.03696 (17031607)   549.12249 (17031607)   483.25355 (15020708)   547.58568 (15020708)
565.98694 (15020708)
 4191325.2 | 586.32130 (17031607)   517.25906 (17031607)   565.75031 (15020708)   593.72138 (15020708)
628.41345 (15012009)
 4191305.2 | 566.24274 (17031607)   586.67986 (15020708)   623.30657 (15020708)   656.57464 (15012009)
667.97827 (15012009)
 4191285.2 | 605.26219 (15020708)   656.47448 (15020708)   689.30112 (15012009)   704.91012 (15012009)
657.04027 (15012009)

 4191265.2 | 688.29474 (15020708)   722.10053 (15012009)   747.46147 (15012009)   697.16371 (15012009)
594.18942 (15012009)
 4191245.2 | 756.45011 (15012009)   789.54408 (15012009)   742.57535 (15012009)   632.30447 (15012009)
634.16056 (16122217)
 4191225.2 | 836.55837 (15012009)   789.47015 (15012009)   672.93009 (15012009)   673.07755 (16122217)
650.58664 (16120517)
 4191205.2 | 841.99047 (15012009)   716.72811 (15012009)   712.09614 (16122217)   693.91927 (16120517)
671.50799 (16120517)
 4191185.2 | 765.72918 (15012009)   755.40752 (16122217)   738.79919 (16120517)   705.23115 (16120517)
662.70802 (14012907)
 4191165.2 | 802.84920 (16122217)   787.89821 (16120517)   740.23060 (16120517)   709.70285 (14012907)
682.31297 (14012907)
 4191145.2 | 840.87930 (16120517)   776.30757 (16120517)   758.83070 (14012907)   713.45536 (14012907)
701.61894 (14010709)
 4191125.2 | 817.83966 (14012907)   809.09460 (14012907)   742.74658 (14012907)   750.14505 (14010709)
702.84907 (14010709)
 4191105.2 | 859.64194 (14012907)   813.08915 (14010709)   793.79023 (14010709)   725.79564 (13011717)
765.86638 (13011717)
 4191085.2 | 881.52764 (14010709)   828.81642 (14010709)   822.98421 (13011717)   834.59876 (13011717)
796.50158 (13011717)
 4191065.2 | 880.04811 (13011717)   914.72919 (13011717)   888.73469 (13011717)   813.57828 (13011717)
703.95267 (13011717)
 4191045.2 | 993.05532 (13011717)   921.29178 (13011717)   805.06447 (13011717)   681.20433 (13011617)
601.27302 (13121117)
 4191025.2 | 927.31650 (13011717)   775.70724 (13011617)   686.52367 (13121117)   738.13448 (13121117)
759.40876 (13121117)
 4191005.2 | 787.72847 (13121117)   838.76121 (13121117)   853.81880 (13121117)   834.50067 (13121117)
784.85331 (13121117)
 4190985.2 | 959.82408 (13121117)   922.58290 (13121117)   881.86589 (13012308)   877.08775 (13012308)
848.16396 (13012308)
 4190965.2 | 1019.03440 (13012308)   989.36410 (13012308)   948.26391 (13010717)   928.08570 (13010717)
887.67518 (13010717)
 4190945.2 | 1092.43537 (13010717)   1038.00795 (13010717)   963.24125 (13010717)   875.92412 (13010717)
782.24119 (13010717)
 4190925.2 | 1015.99988 (13010717)   894.33063 (13010717)   772.55710 (13010717)   726.81987 (14122717)
697.93993 (14122717)
 4190905.2 | 885.16915 (14091907)   879.11927 (14091907)   864.10342 (14091907)   841.89707 (14091907)
813.83537 (14091907)
 4190885.2 | 1005.82957 (14091907)   945.22077 (14091907)   883.00864 (14091907)   820.57239 (14091907)
759.03297 (14091907)
 4190865.2 | 1025.72842 (13020407)   985.06212 (13020407)   944.96204 (13020407)   905.64372 (13020407)
867.28008 (13020407)
 4190845.2 | 1059.21044 (13121617)   1009.68041 (13121617)   964.25572 (13121617)   922.47806 (13121617)
882.55312 (13121617)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: PLAZA
***
                               INCLUDING SOURCE(S):   L0000447   , L0000448   , L0000449   , L0000450   ,
L0000451   ,
                L0000452   , L0000453   , L0000454   , L0000455   , L0000456   , L0000457   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560417.30   560437.30   560457.30   560477.30
560497.30
 -
- - - - - - - -

 4190825.2 | 1176.75082 (13121617)   1111.78976 (13121617)   1052.77262 (13121617)   997.17211 (13121617)

946.94488 (13121617)
 4190805.2 | 1105.27046 (17111317)   1034.34647 (17111317)   969.76244 (17111317)   910.81130 (17111317)
856.87859 (17111317)
 4190785.2 | 1100.07610 (17111317)   1047.03109 (17111317)   996.88148 (17111317)   949.51092 (17111317)
904.79556 (17111317)
 4190765.2 | 854.55138 (17111317)   836.45754 (17111317)   817.19782 (17111317)   797.07988 (17111317)
776.37109 (17111317)
 4190745.2 | 672.65365 (13122807)   651.72578 (13122807)   628.22583 (13122807)   602.95412 (13122807)
576.58336 (13122807)
 4190725.2 | 722.36019 (13012507)   669.86318 (13012507)   615.46549 (13012507)   561.11600 (13012507)
508.25689 (13012507)
 4190705.2 | 668.17179 (13012507)   654.51873 (13012507)   632.08903 (13012507)   603.01438 (13012507)
569.26970 (13012507)
 4190685.2 | 605.45519 (15021908)   566.28734 (15021908)   542.18391 (13012507)   545.15725 (13012507)
540.03685 (13012507)
 4190665.2 | 665.04821 (17113007)   598.28112 (17113007)   528.87209 (15021908)   507.53079 (15021908)
475.43810 (15021908)
 4190645.2 | 680.62247 (13012407)   640.10679 (13012407)   590.14675 (17113007)   539.94703 (17113007)
482.74052 (17113007)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: PLAZA
***
                               INCLUDING SOURCE(S):   L0000447   , L0000448   , L0000449   , L0000450   ,
L0000451   ,
                L0000452   , L0000453   , L0000454   , L0000455   , L0000456   , L0000457   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560517.30   560537.30   560557.30   560577.30
560597.30
 -
- - - - - - - -

 4191625.2 | 343.87564 (13122017)   301.65181 (17011317)   298.39083 (17011317)   266.21559 (17011317)
307.44933 (17031607)
 4191605.2 | 320.09959 (13122017)   313.23103 (17011317)   289.66319 (17011317)   305.26305 (17031607)
338.31873 (17031607)
 4191585.2 | 324.03635 (17011317)   311.09443 (17011317)   299.44630 (17031607)   341.41539 (17031607)
355.87620 (17031607)
 4191565.2 | 330.42386 (17011317)   295.06170 (17011317)   341.82698 (17031607)   365.82394 (17031607)
358.00331 (17031607)
 4191545.2 | 321.95255 (17011317)   340.73432 (17031607)   374.96206 (17031607)   375.93615 (17031607)
344.75992 (17031607)
 4191525.2 | 336.90627 (17031607)   382.47294 (17031607)   393.61466 (17031607)   368.98530 (17031607)
316.50199 (17031607)
 4191505.2 | 385.99915 (17031607)   408.65675 (17031607)   392.32490 (17031607)   343.20902 (17031607)
362.29084 (15020708)
 4191485.2 | 422.12510 (17031607)   415.85634 (17031607)   371.38941 (17031607)   368.40962 (15020708)
406.67499 (15020708)
 4191465.2 | 438.58628 (17031607)   401.16369 (17031607)   374.53398 (15020708)   418.38251 (15020708)
435.90986 (15020708)
 4191445.2 | 429.83606 (17031607)   379.11596 (15020708)   430.29319 (15020708)   453.04058 (15020708)
465.31687 (15012009)
 4191425.2 | 397.56547 (17031607)   441.84378 (15020708)   471.38159 (15020708)   481.46938 (15012009)
509.64592 (15012009)
 4191405.2 | 452.55285 (15020708)   490.16123 (15020708)   498.35556 (15012009)   531.60421 (15012009)
525.47936 (15012009)
 4191385.2 | 507.50426 (15020708)   513.77291 (15012009)   553.49259 (15012009)   550.36331 (15012009)
507.29882 (15012009)

 4191365.2 | 538.16878 (15020708)   575.88250 (15012009)   575.88571 (15012009)   532.43253 (15012009)
457.01496 (15012009)
 4191345.2 | 601.03324 (15012009)   603.74289 (15012009)   558.82190 (15012009)   479.15453 (15012009)
490.95820 (16122217)
 4191325.2 | 634.61115 (15012009)   588.81102 (15012009)   504.30837 (15012009)   515.22804 (16122217)
500.17789 (16122217)
 4191305.2 | 621.44089 (15012009)   531.67194 (15012009)   541.39203 (16122217)   522.09264 (16122217)
522.37348 (13121317)
 4191285.2 | 561.52390 (15012009)   569.65128 (16122217)   545.39486 (16122217)   548.73021 (16120517)
520.22731 (16120517)
 4191265.2 | 600.23367 (16122217)   574.07145 (16120517)   576.56958 (16120517)   539.77569 (16120517)
516.52383 (14012907)
 4191245.2 | 609.90309 (16120517)   605.83813 (16120517)   559.47737 (16120517)   548.17234 (14012907)
533.85505 (14012907)
 4191225.2 | 636.53093 (16120517)   579.15975 (16120517)   580.67412 (14012907)   556.04593 (14012907)
528.99063 (14010709)
 4191205.2 | 614.90346 (14012907)   613.68678 (14012907)   576.97473 (14012907)   569.97373 (14010709)
564.30395 (14010709)
 4191185.2 | 646.74965 (14012907)   596.03339 (14012907)   609.24319 (14010709)   586.69935 (14010709)
542.34352 (13121017)
 4191165.2 | 646.12817 (14010709)   645.21727 (14010709)   603.08162 (14010709)   583.33346 (13011717)
608.91911 (13011717)
 4191145.2 | 679.48908 (14010709)   620.89055 (13121017)   647.74489 (13011717)   654.55259 (13011717)
629.28297 (13011717)
 4191125.2 | 689.64417 (13011717)   709.82004 (13011717)   690.19840 (13011717)   639.00513 (13011717)
566.73388 (13011717)
 4191105.2 | 761.05931 (13011717)   715.73415 (13011717)   636.99612 (13011717)   554.44404 (13011617)
474.81948 (13011617)
 4191085.2 | 719.40653 (13011717)   625.11627 (13011617)   536.27105 (13011617)   471.19276 (13121117)
516.95401 (13121117)
 4191065.2 | 602.88074 (13011617)   531.60394 (13121117)   580.04897 (13121117)   608.91824 (13121117)
617.37462 (13121117)
 4191045.2 | 651.99102 (13121117)   678.95580 (13121117)   681.72443 (13121117)   661.83543 (13121117)
622.21171 (13121117)
 4191025.2 | 751.31845 (13121117)   719.70723 (13121117)   681.06314 (13012308)   685.60156 (13012308)
674.80275 (13012308)
 4191005.2 | 773.38591 (13012308)   765.71969 (13012308)   738.55539 (13012308)   716.98921 (13010717)
707.99426 (13010717)
 4190985.2 | 818.39520 (13010717)   807.25897 (13010717)   777.10648 (13010717)   733.88345 (13010717)
681.47899 (13010717)
 4190965.2 | 832.42087 (13010717)   769.01225 (13010717)   696.15150 (13010717)   620.59267 (13010717)
545.97702 (13010717)
 4190945.2 | 687.86541 (13010717)   614.16585 (14122717)   603.05197 (14122717)   584.61684 (14122717)
560.19818 (14122717)
 4190925.2 | 681.19044 (14091907)   680.79469 (14091907)   674.48628 (14091907)   663.19744 (14091907)
647.40674 (14091907)
 4190905.2 | 781.19798 (14091907)   745.17218 (14091907)   706.82829 (14091907)   667.30390 (14091907)
627.17403 (14091907)
 4190885.2 | 711.08331 (13020407)   698.00979 (13020407)   683.68903 (13020407)   668.56537 (13020407)
652.51988 (13020407)
 4190865.2 | 830.00556 (13020407)   793.92062 (13020407)   759.09624 (13020407)   725.98831 (13020407)
693.75761 (13020407)
 4190845.2 | 845.62342 (13121617)   811.13564 (13121617)   778.86878 (13121617)   748.62786 (13121617)
719.67793 (13121617)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: PLAZA
***
                                INCLUDING SOURCE(S):   L0000447   , L0000448   , L0000449   , L0000450   ,
L0000451   ,
                L0000452   , L0000453   , L0000454   , L0000455   , L0000456   , L0000457   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 560517.30	560537.30	560557.30	560577.30	560597.30
4190825.2	901.35721 (13121617)	859.28670 (13121617)	820.36764 (13121617)	784.28156 (13121617)	750.74998 (13121617)
4190805.2	807.42880 (17111317)	761.99369 (17111317)	720.16263 (17111317)	681.57456 (17111317)	645.91123 (17111317)
4190785.2	862.60721 (17111317)	822.81565 (17111317)	785.29075 (17111317)	749.90431 (17111317)	716.53144 (17111317)
4190765.2	755.30098 (17111317)	734.06391 (17111317)	712.82246 (17111317)	691.71095 (17111317)	670.83895 (17111317)
4190745.2	549.66703 (13122807)	542.28671 (17111317)	539.73729 (17111317)	535.90814 (17111317)	530.96967 (17111317)
4190725.2	496.43517 (13122807)	486.26911 (13122807)	474.14730 (13122807)	460.50078 (13122807)	445.71034 (13122807)
4190705.2	532.58941 (13012507)	494.43039 (13012507)	455.96791 (13012507)	418.11296 (13012507)	388.49404 (13122807)
4190685.2	528.05829 (13012507)	510.52559 (13012507)	488.71553 (13012507)	463.81246 (13012507)	436.86909 (13012507)
4190665.2	448.59036 (13012507)	454.19243 (13012507)	453.73067 (13012507)	447.92701 (13012507)	437.58873 (13012507)
4190645.2	452.12423 (15021908)	433.10628 (15021908)	406.36741 (15021908)	378.19411 (13012507)	384.89926 (13012507)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PLAZA ***
INCLUDING SOURCE(S): L0000447 , L0000448 , L0000449 , L0000450 , L0000451 ,
L0000452 , L0000453 , L0000454 , L0000455 , L0000456 , L0000457 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 560617.30	560637.30	560657.30	560677.30	560697.30
4191625.2	331.89620 (17031607)	330.01919 (17031607)	303.34956 (17031607)	258.64197 (17031607)	294.28992 (15020708)
4191605.2	344.08274 (17031607)	322.35071 (17031607)	279.32555 (17031607)	298.28782 (15020708)	326.80546 (15020708)
4191585.2	339.85588 (17031607)	298.97615 (17031607)	300.20436 (15020708)	332.66353 (15020708)	347.54057 (15020708)
4191565.2	320.83868 (17031607)	302.15342 (15020708)	338.79975 (15020708)	357.62511 (15020708)	356.41676 (15020708)
4191545.2	306.01041 (15020708)	346.91911 (15020708)	369.86266 (15020708)	371.60210 (15020708)	395.38202 (15012009)
4191525.2	355.68617 (15020708)	383.27795 (15020708)	388.02018 (15020708)	409.95010 (15012009)	421.01886 (15012009)
4191505.2	394.94821 (15020708)	403.38728 (15020708)	422.50525 (15012009)	436.55356 (15012009)	423.74491 (15012009)
4191485.2	419.35304 (15020708)	436.21632 (15012009)	452.61841 (15012009)	440.77672 (15012009)	403.87425 (15012009)

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 4191465.2 |    450.48244 (15012009)    470.31527 (15012009)    459.16864 (15012009)    420.76714 (15012009)
363.44543 (15012009)
 4191445.2 |    489.04366 (15012009)    479.28116 (15012009)    439.74560 (15012009)    379.55873 (15012009)
393.30472 (16122217)
 4191425.2 |    501.53061 (15012009)    460.78748 (15012009)    396.85330 (15012009)    410.48411 (16122217)
409.35435 (16122217)
 4191405.2 |    483.52551 (15012009)    415.96051 (15012009)    429.14141 (16122217)    425.83118 (16122217)
411.11570 (13121317)
 4191385.2 |    435.92245 (15012009)    448.84151 (16122217)    443.20993 (16122217)    431.37959 (13121317)
430.33361 (13121317)
 4191365.2 |    469.75730 (16122217)    461.64125 (16122217)    452.72809 (13121317)    447.50196 (13121317)
417.65628 (16120517)
 4191345.2 |    480.53647 (16122217)    475.29268 (13121317)    465.49912 (13121317)    429.66388 (16120517)
418.77579 (14012907)
 4191325.2 |    498.43042 (13121317)    483.78860 (13121317)    442.05553 (16120517)    442.02491 (14012907)
433.72989 (14012907)
 4191305.2 |    501.61693 (16120517)    457.59196 (14012907)    465.24059 (14012907)    450.68044 (14012907)
417.63183 (14012907)
 4191285.2 |    485.97395 (14012907)    487.62847 (14012907)    465.94131 (14012907)    442.41670 (14010709)
454.90889 (14010709)
 4191265.2 |    510.91027 (14012907)    480.56546 (14012907)    475.33517 (14010709)    478.20367 (14010709)
456.69513 (14010709)
 4191245.2 |    493.68618 (14012907)    507.33295 (14010709)    498.60590 (14010709)    464.75504 (14010709)
442.12803 (15120217)
 4191225.2 |    537.39102 (14010709)    515.09024 (14010709)    479.89989 (13121017)    484.11609 (13011717)
501.21820 (13011717)
 4191205.2 |    526.56577 (14010709)    502.25574 (13011717)    529.39171 (13011717)    533.41415 (13011717)
515.54822 (13011717)
 4191185.2 |    557.06134 (13011717)    570.57722 (13011717)    558.52028 (13011717)    524.33264 (13011717)
473.59597 (13011717)
 4191165.2 |    604.88654 (13011717)    574.12908 (13011717)    522.56734 (13011717)    468.94568 (13011617)
414.43240 (13011617)
 4191145.2 |    577.97363 (13011717)    514.06447 (13011617)    455.89092 (13011617)    389.18325 (13011617)
353.46460 (17122817)
 4191125.2 |    501.11724 (13011617)    426.98660 (13011617)    384.86057 (17122817)    417.13605 (13121117)
447.08897 (13121117)
 4191105.2 |    418.57003 (17122817)    451.85596 (13121117)    484.71018 (13121117)    504.20094 (13121117)
508.64864 (13121117)
 4191085.2 |    546.61904 (13121117)    558.67668 (13121117)    554.47145 (13121117)    537.01016 (13121117)
507.23381 (13121117)
 4191065.2 |    607.03535 (13121117)    580.06258 (13121117)    543.43480 (13012308)    551.20628 (13012308)
547.97555 (13012308)
 4191045.2 |    610.78095 (13012308)    610.61756 (13012308)    597.66428 (13012308)    573.81957 (13012308)
564.55392 (13010717)
 4191025.2 |    649.84993 (13012308)    635.26470 (13010717)    627.07469 (13010717)    608.53458 (13010717)
581.51244 (13010717)
 4191005.2 |    684.47119 (13010717)    649.75310 (13010717)    608.03938 (13010717)    561.09689 (13010717)
511.24233 (13010717)
 4190985.2 |    622.61657 (13010717)    561.56582 (13010717)    500.27303 (13010717)    443.91635 (14010417)
442.45244 (14122717)
 4190965.2 |    516.68341 (14122717)    510.20891 (14122717)    498.03885 (14122717)    481.07019 (14122717)
460.23448 (14122717)
 4190945.2 |    544.76528 (14091907)    546.72785 (14091907)    544.52828 (14091907)    538.59424 (14091907)
529.38133 (14091907)
 4190925.2 |    627.39213 (14091907)    605.02874 (14091907)    580.44041 (14091907)    554.24874 (14091907)
527.00742 (14091907)
 4190905.2 |    586.51612 (14091907)    546.98763 (14091907)    508.52442 (14091907)    490.94991 (13020407)
486.35711 (13020407)
 4190885.2 |    635.29965 (13020407)    618.27922 (13020407)    601.00550 (13020407)    583.60913 (13020407)
566.20181 (13020407)
 4190865.2 |    662.35304 (13020407)    632.86615 (13020407)    604.68808 (13020407)    577.79263 (13020407)
552.14668 (13020407)
 4190845.2 |    692.68410 (13121617)    667.63020 (13121617)    644.00655 (13121617)    621.70318 (13121617)
600.62080 (13121617)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03
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                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: PLAZA
***
                                INCLUDING SOURCE(S):   L0000447   , L0000448   , L0000449   , L0000450   ,
L0000451   ,
                L0000452   , L0000453   , L0000454   , L0000455   , L0000456   , L0000457   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560617.30   560637.30   560657.30   560677.30
560697.30
 -
- - - - - - - -

 4190825.2 | 719.52848 (13121617)   690.40170 (13121617)   663.17929 (13121617)   637.69244 (13121617)
613.79100 (13121617)
 4190805.2 | 617.08430 (13121617)   593.36101 (13121617)   571.13513 (13121617)   550.27652 (13121617)
530.66937 (13121617)
 4190785.2 | 685.05156 (17111317)   655.34914 (17111317)   627.31411 (17111317)   600.84212 (17111317)
575.83467 (17111317)
 4190765.2 | 650.29454 (17111317)   630.14733 (17111317)   610.45120 (17111317)   591.24672 (17111317)
572.56327 (17111317)
 4190745.2 | 525.07917 (17111317)   518.38038 (17111317)   511.00359 (17111317)   503.06596 (17111317)
494.67224 (17111317)
 4190725.2 | 430.10690 (13122807)   413.97374 (13122807)   397.55001 (13122807)   381.03482 (13122807)
371.97401 (17111317)
 4190705.2 | 385.00471 (13122807)   379.83254 (13122807)   373.23695 (13122807)   365.45965 (13122807)
356.72203 (13122807)
 4190685.2 | 408.78774 (13012507)   380.31664 (13012507)   352.05652 (13012507)   324.47340 (13012507)
310.84198 (13122807)
 4190665.2 | 423.54637 (13012507)   406.60693 (13012507)   387.52143 (13012507)   366.96468 (13012507)
345.52483 (13012507)
 4190645.2 | 386.99773 (13012507)   384.91490 (13012507)   379.15583 (13012507)   370.26509 (13012507)
358.79432 (13012507)

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: PLAZA
***
                                INCLUDING SOURCE(S):   L0000447   , L0000448   , L0000449   , L0000450   ,
L0000451   ,
                L0000452   , L0000453   , L0000454   , L0000455   , L0000456   , L0000457   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560717.30   560737.30   560757.30   560777.30
560797.30
 -
- - - - - - - -

 4191625.2 | 319.14003 (15020708)   327.98155 (15020708)   332.23066 (15012009)   351.46071 (15012009)
352.62643 (15012009)
 4191605.2 | 337.79946 (15020708)   338.94494 (15012009)   360.78200 (15012009)   363.90464 (15012009)
348.42938 (15012009)
 4191585.2 | 345.39178 (15012009)   369.27374 (15012009)   373.97701 (15012009)   360.20543 (15012009)
328.72916 (15012009)

4191565.2 | 382.12431 (15012009)   387.95239 (15012009)   372.15318 (15012009)   339.98003 (15012009)
295.23162 (15012009)
 4191545.2 | 403.92365 (15012009)   389.06115 (15012009)   354.46147 (15012009)   306.39760 (15012009)
318.28638 (16122217)
 4191525.2 | 406.34319 (15012009)   371.00552 (15012009)   321.05044 (15012009)   331.63613 (16122217)
335.68284 (16122217)
 4191505.2 | 387.33506 (15012009)   334.74210 (15012009)   347.14757 (16122217)   350.79895 (16122217)
335.93290 (16122217)
 4191485.2 | 349.11570 (15012009)   362.12232 (16122217)   364.87628 (16122217)   348.61367 (16122217)
351.09565 (13121317)
 4191465.2 | 377.29652 (16122217)   379.30221 (16122217)   360.59892 (16122217)   366.42663 (13121317)
358.21150 (13121317)
 4191445.2 | 393.39167 (16122217)   373.77543 (13121317)   382.03935 (13121317)   370.51673 (13121317)
342.51203 (16120517)
 4191425.2 | 391.31644 (13121317)   396.91056 (13121317)   382.13393 (13121317)   350.46487 (16120517)
349.02789 (14012907)
 4191405.2 | 412.84529 (13121317)   393.07732 (13121317)   357.03031 (16120517)   366.05611 (14012907)
361.86770 (14012907)
 4191385.2 | 405.19583 (16120517)   375.65756 (14012907)   382.41637 (14012907)   374.28904 (14012907)
351.85681 (14012907)
 4191365.2 | 396.97845 (14012907)   399.60823 (14012907)   386.25025 (14012907)   359.30083 (14012907)
367.82951 (14010709)
 4191345.2 | 416.77974 (14012907)   397.73554 (14012907)   376.31341 (14010709)   390.42751 (14010709)
386.36802 (14010709)
 4191325.2 | 408.28684 (14012907)   403.22152 (14010709)   410.41258 (14010709)   398.21188 (14010709)
373.96864 (13121017)
 4191305.2 | 429.64643 (14010709)   428.80956 (14010709)   408.21083 (14010709)   384.52822 (13121017)
376.03607 (15120217)
 4191285.2 | 444.44422 (14010709)   415.75834 (13121017)   393.27607 (15120217)   408.76540 (13011717)
420.13671 (13011717)
 4191265.2 | 428.66720 (13121017)   424.04037 (13011717)   441.92955 (13011717)   443.83866 (13011717)
430.50106 (13011717)
 4191245.2 | 464.25405 (13011717)   472.07124 (13011717)   461.81669 (13011717)   437.30078 (13011717)
400.60975 (13011717)
 4191225.2 | 497.87650 (13011717)   475.02530 (13011717)   436.68850 (13011717)   398.06349 (13011617)
360.36881 (13011617)
 4191205.2 | 479.44657 (13011717)   432.93562 (13011617)   392.92940 (13011617)   344.54354 (13011617)
293.58351 (13011617)
 4191185.2 | 429.04745 (13011617)   377.75099 (13011617)   321.60949 (13011617)   297.76041 (17122817)
322.08413 (17122817)
 4191165.2 | 353.51484 (13011617)   323.83510 (17122817)   348.20730 (17122817)   371.32876 (13121117)
391.87496 (13121117)
 4191145.2 | 379.09145 (17122817)   406.63516 (13121117)   425.25546 (13121117)   435.09525 (13121117)
433.78942 (13121117)
 4191125.2 | 463.72891 (13121117)   469.87708 (13121117)   464.97707 (13121117)   449.77168 (13121117)
425.20509 (13121117)
 4191105.2 | 497.64583 (13121117)   477.04817 (13121117)   446.95031 (13121117)   455.12550 (13012308)
456.17986 (13012308)
 4191085.2 | 495.53103 (13012308)   499.77124 (13012308)   495.07079 (13012308)   481.71310 (13012308)
461.48859 (13012308)
 4191065.2 | 535.33206 (13012308)   513.86990 (13012308)   509.05925 (13010717)   504.24289 (13010717)
492.41176 (13010717)
 4191045.2 | 559.68179 (13010717)   545.70882 (13010717)   523.32916 (13010717)   495.88621 (13010717)
464.28810 (13010717)
 4191025.2 | 547.71088 (13010717)   509.25691 (13010717)   467.77475 (13010717)   425.32904 (13010717)
382.94841 (13010717)
 4191005.2 | 460.47592 (13010717)   410.43195 (13010717)   385.40094 (14010417)   384.34279 (14122717)
382.58255 (14122717)
 4190985.2 | 438.88077 (14122717)   430.81298 (14122717)   418.85700 (14122717)   403.66014 (14122717)
385.87566 (14122717)
 4190965.2 | 448.79934 (14091907)   451.60683 (14091907)   451.41227 (14091907)   448.47049 (14091907)
443.06003 (14091907)
 4190945.2 | 517.35406 (14091907)   502.97036 (14091907)   486.66963 (14091907)   468.86395 (14091907)
449.93209 (14091907)
 4190925.2 | 499.19971 (14091907)   471.23897 (14091907)   443.47167 (14091907)   416.18192 (14091907)
389.59710 (14091907)
 4190905.2 | 480.83323 (13020407)   474.50294 (13020407)   467.48160 (13020407)   459.87519 (13020407)
451.78049 (13020407)
 4190885.2 | 548.87818 (13020407)   531.71768 (13020407)   514.78630 (13020407)   498.13814 (13020407)

481.81697 (13020407)
 4190865.2 | 527.71193 (13020407)   504.44645 (13020407)   482.30583 (13020407)   461.24420 (13020407)
442.77747 (13010817)
 4190845.2 | 580.66949 (13121617)   561.76764 (13121617)   543.84099 (13121617)   526.82188 (13121617)
510.64849 (13121617)

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: PLAZA
***
                               INCLUDING SOURCE(S):   L0000447   , L0000448   , L0000449   , L0000450   ,
L0000451   ,
                L0000452   , L0000453   , L0000454   , L0000455   , L0000456   , L0000457   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560717.30   560737.30   560757.30   560777.30
560797.30
 -
- - - - - - - -

 4190825.2 | 591.34100 (13121617)   570.22262 (13121617)   550.32837 (13121617)   531.56163 (13121617)
513.83529 (13121617)
 4190805.2 | 512.21026 (13121617)   494.80662 (13121617)   478.37528 (13121617)   462.84141 (13121617)
448.13744 (13121617)
 4190785.2 | 552.19902 (17111317)   529.84815 (17111317)   508.70050 (17111317)   488.67982 (17111317)
469.71488 (17111317)
 4190765.2 | 554.42093 (17111317)   536.83203 (17111317)   519.80257 (17111317)   503.33338 (17111317)
487.42108 (17111317)
 4190745.2 | 485.91546 (17111317)   476.87785 (17111317)   467.63170 (17111317)   458.24024 (17111317)
448.75854 (17111317)
 4190725.2 | 372.32749 (17111317)   371.93300 (17111317)   370.86263 (17111317)   369.18493 (17111317)
366.96454 (17111317)
 4190705.2 | 347.22399 (13122807)   337.14373 (13122807)   326.63830 (13122807)   315.84466 (13122807)
304.88101 (13122807)
 4190685.2 | 309.39840 (13122807)   306.76536 (13122807)   303.09125 (13122807)   298.51804 (13122807)
293.17939 (13122807)
 4190665.2 | 323.70047 (13012507)   301.90297 (13012507)   280.46238 (13012507)   262.01863 (17123017)
255.77261 (13122807)
 4190645.2 | 345.27754 (13012507)   330.21367 (13012507)   314.05523 (13012507)   297.20217 (13012507)
279.99961 (13012507)

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: PLAZA
***
                               INCLUDING SOURCE(S):   L0000447   , L0000448   , L0000449   , L0000450   ,
L0000451   ,
                L0000452   , L0000453   , L0000454   , L0000455   , L0000456   , L0000457   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560817.30   560837.30   560857.30   560877.30

560897.30
 -

 4191625.2 | 336.53049 (15012009)   306.48343 (15012009)   266.74467 (15012009)   278.05399 (16122217)
286.04660 (16122217)
 4191605.2 | 317.48233 (15012009)   276.05210 (15012009)   287.83982 (16122217)   295.61467 (16122217)
290.11580 (16122217)
 4191585.2 | 285.55821 (15012009)   297.40429 (16122217)   305.04216 (16122217)   298.86540 (16122217)
288.97019 (13121317)
 4191565.2 | 307.47298 (16122217)   314.86893 (16122217)   306.94840 (16122217)   299.75993 (13121317)
303.41016 (13121317)
 4191545.2 | 324.40100 (16122217)   315.91849 (16122217)   311.32844 (13121317)   313.23998 (13121317)
302.08902 (13121317)
 4191525.2 | 324.36141 (16122217)   323.48709 (13121317)   323.72626 (13121317)   309.87133 (13121317)
285.07693 (16120517)
 4191505.2 | 335.08812 (13121317)   334.13532 (13121317)   318.05972 (13121317)   290.58324 (16120517)
295.35058 (14012907)
 4191485.2 | 345.10010 (13121317)   325.62061 (13121317)   300.35402 (14012907)   308.73020 (14012907)
306.64354 (14012907)
 4191465.2 | 334.36391 (16120517)   316.23961 (14012907)   321.77592 (14012907)   316.37463 (14012907)
302.22309 (14012907)
 4191445.2 | 332.18911 (14012907)   335.30798 (14012907)   326.75934 (14012907)   308.02606 (14012907)
302.01266 (14010709)
 4191425.2 | 348.43404 (14012907)   335.75210 (14012907)   313.22110 (14012907)   320.79233 (14010709)
326.68734 (14010709)
 4191405.2 | 344.44098 (14012907)   323.62272 (14010709)   338.34310 (14010709)   339.88613 (14010709)
327.41672 (14010709)
 4191385.2 | 344.57602 (14010709)   353.71971 (14010709)   349.84451 (14010709)   332.66834 (14010709)
318.26703 (13121017)
 4191365.2 | 369.66514 (14010709)   357.63849 (14010709)   338.68612 (13121017)   322.86192 (13121017)
325.99428 (15120217)
 4191345.2 | 366.09697 (14010709)   346.71718 (13121017)   338.34570 (15120217)   352.13476 (13011717)
360.59199 (13011717)
 4191325.2 | 353.88914 (13121017)   361.75661 (13011717)   375.89679 (13011717)   378.38934 (13011717)
368.39153 (13011717)
 4191305.2 | 392.77502 (13011717)   397.12683 (13011717)   391.12715 (13011717)   373.89292 (13011717)
346.28874 (13011717)
 4191285.2 | 417.12558 (13011717)   399.17105 (13011717)   372.63410 (13011717)   344.36979 (13011617)
317.57924 (13011617)
 4191265.2 | 404.00788 (13011717)   367.20966 (13011617)   339.89803 (13011617)   306.38684 (13011617)
268.96393 (13011617)
 4191245.2 | 368.29754 (13011617)   330.78596 (13011617)   289.91364 (13011617)   247.76845 (13011617)
243.75067 (14111317)
 4191225.2 | 316.09547 (13011617)   268.48763 (13011617)   258.03747 (14111317)   276.99464 (17122817)
292.47431 (17122817)
 4191205.2 | 275.36120 (17122817)   298.58506 (17122817)   314.14380 (17122817)   332.52719 (13121117)
345.13148 (13121117)
 4191185.2 | 341.60614 (13121117)   361.72829 (13121117)   373.14939 (13121117)   376.45478 (13121117)
372.73253 (13121117)
 4191165.2 | 403.25516 (13121117)   404.65647 (13121117)   397.59423 (13121117)   383.07853 (13121117)
362.43085 (13121117)
 4191145.2 | 423.02424 (13121117)   403.83766 (13121117)   378.31181 (13121117)   383.30898 (13012308)
386.52459 (13012308)
 4191125.2 | 413.02630 (13012308)   418.75154 (13012308)   417.76997 (13012308)   410.61495 (13012308)
398.03539 (13012308)
 4191105.2 | 449.74811 (13012308)   436.69831 (13012308)   418.09648 (13012308)   419.46091 (13010717)
416.68497 (13010717)
 4191085.2 | 460.15033 (13010717)   457.21570 (13010717)   447.70928 (13010717)   433.10758 (13010717)
414.55985 (13010717)
 4191065.2 | 474.59715 (13010717)   452.29471 (13010717)   426.02905 (13010717)   397.12627 (13010717)
366.49058 (13010717)
 4191045.2 | 429.95128 (13010717)   394.15649 (13010717)   358.00984 (13010717)   322.45243 (14010417)
312.78937 (14010417)
 4191025.2 | 352.73559 (14010417)   338.58418 (14010417)   337.86579 (14122717)   337.25817 (14122717)
333.75129 (14122717)
 4191005.2 | 377.23286 (14122717)   368.71331 (14122717)   357.48087 (14122717)   344.00682 (14122717)
328.75735 (14122717)
 4190985.2 | 378.02723 (14091907)   381.07517 (14091907)   381.90202 (14091907)   380.66486 (14091907)

377.53943 (14091907)
 4190965.2 | 435.47178 (14091907)   425.99935 (14091907)   414.93124 (14091907)   402.54469 (14091907)
389.10112 (14091907)
 4190945.2 | 430.21601 (14091907)   410.01917 (14091907)   389.60654 (14091907)   369.20568 (14091907)
349.00873 (14091907)
 4190925.2 | 363.97878 (13020407)   363.21508 (13020407)   361.75406 (13020407)   359.66107 (13020407)
356.99873 (13020407)
 4190905.2 | 443.28530 (13020407)   434.46891 (13020407)   425.40250 (13020407)   416.14965 (13020407)
406.76692 (13020407)
 4190885.2 | 465.85748 (13020407)   450.28658 (13020407)   435.12443 (13020407)   420.38544 (13020407)
406.07911 (13020407)
 4190865.2 | 429.49359 (13121617)   419.47446 (13121617)   409.78393 (13121617)   400.41047 (13121617)
391.34277 (13121617)
 4190845.2 | 495.26425 (13121617)   480.61733 (13121617)   466.66013 (13121617)   453.34886 (13121617)
440.64318 (13121617)

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: PLAZA
***
                               INCLUDING SOURCE(S):   L0000447   , L0000448   , L0000449   , L0000450   ,
L0000451   ,
                L0000452   , L0000453   , L0000454   , L0000455   , L0000456   , L0000457   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560817.30   560837.30   560857.30   560877.30
560897.30
 -
- - - - - - - -

 4190825.2 | 497.07069 (13121617)   481.19659 (13121617)   466.14838 (13121617)   451.86732 (13121617)
438.29987 (13121617)
 4190805.2 | 434.20224 (13121617)   420.98038 (13121617)   408.42151 (13121617)   396.47975 (13121617)
385.11321 (13121617)
 4190785.2 | 451.73921 (17111317)   434.69085 (17111317)   418.51204 (17111317)   403.14898 (17111317)
388.55156 (17111317)
 4190765.2 | 472.05895 (17111317)   457.23764 (17111317)   442.94573 (17111317)   429.17024 (17111317)
415.89703 (17111317)
 4190745.2 | 439.23428 (17111317)   429.70858 (17111317)   420.21666 (17111317)   410.78857 (17111317)
401.44972 (17111317)
 4190725.2 | 364.26199 (17111317)   361.13363 (17111317)   357.63160 (17111317)   353.80398 (17111317)
349.69486 (17111317)
 4190705.2 | 293.84837 (13122807)   282.83217 (13122807)   273.40571 (17111317)   274.52550 (17111317)
275.19241 (17111317)
 4190685.2 | 287.19948 (13122807)   280.69234 (13122807)   273.76165 (13122807)   266.50075 (13122807)
258.99304 (13122807)
 4190665.2 | 255.37775 (13122807)   254.11964 (13122807)   252.08730 (13122807)   249.36770 (13122807)
246.04452 (13122807)
 4190645.2 | 262.73856 (13012507)   245.65872 (13012507)   230.97859 (17123017)   220.55069 (17123017)
215.06170 (13122807)

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: PLAZA
***

INCLUDING SOURCE(S): L0000447 , L0000448 , L0000449 , L0000450 , L0000451 ,
L0000452 , L0000453 , L0000454 , L0000455 , L0000456 , L0000457 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	560917.30	560937.30	560957.30	560977.30	560997.30
4191625.2	281.71852 (16122217)	267.43202 (13121317)	275.05237 (13121317)	272.25236 (13121317)	259.80368 (13121317)
4191605.2	277.95946 (13121317)	284.44378 (13121317)	279.86779 (13121317)	265.24642 (13121317)	243.06330 (16120517)
4191585.2	294.13750 (13121317)	287.58082 (13121317)	270.59390 (13121317)	247.38429 (14012907)	255.73206 (14012907)
4191565.2	294.68056 (13121317)	275.28121 (13121317)	259.00877 (14012907)	265.99168 (14012907)	265.24645 (14012907)
4191545.2	280.04475 (16120517)	270.41332 (14012907)	275.94174 (14012907)	273.10322 (14012907)	262.73273 (14012907)
4191525.2	282.63563 (14012907)	285.79107 (14012907)	280.38340 (14012907)	267.30828 (14012907)	249.09234 (14010709)
4191505.2	296.05303 (14012907)	287.84924 (14012907)	271.81095 (14012907)	264.91343 (14010709)	275.71619 (14010709)
4191485.2	295.11073 (14012907)	275.66020 (14012907)	281.12994 (14010709)	288.77371 (14010709)	286.49365 (14010709)
4191465.2	282.97168 (14010709)	296.68825 (14010709)	300.96280 (14010709)	294.48482 (14010709)	278.55906 (14010709)
4191445.2	312.56774 (14010709)	311.53428 (14010709)	299.69043 (14010709)	285.97441 (13121017)	273.05890 (13121017)
4191425.2	320.59750 (14010709)	303.62855 (14010709)	292.08666 (13121017)	281.06383 (15120217)	287.11105 (13011717)
4191405.2	310.67004 (13121017)	296.00831 (13121017)	297.35099 (15120217)	307.81845 (13011717)	314.01281 (13011717)
4191385.2	308.03709 (15120217)	317.19566 (13011717)	327.08579 (13011717)	327.88220 (13011717)	320.02817 (13011717)
4191365.2	339.87903 (13011717)	344.15483 (13011717)	338.71677 (13011717)	324.55405 (13011717)	303.23157 (13011717)
4191345.2	358.20530 (13011717)	345.81532 (13011717)	325.00414 (13011717)	301.27151 (13011617)	281.91188 (13011617)
4191325.2	348.52369 (13011717)	320.97067 (13011717)	300.98302 (13011617)	275.62693 (13011617)	246.32687 (13011617)
4191305.2	321.74583 (13011617)	295.60745 (13011617)	264.66680 (13011617)	231.28273 (13011617)	203.03119 (14111317)
4191285.2	284.95024 (13011617)	249.18250 (13011617)	214.09045 (14111317)	218.11116 (14111317)	225.52030 (17122817)
4191265.2	229.59956 (13011617)	230.38530 (14111317)	240.96382 (17122817)	255.71432 (17122817)	265.39946 (13121117)
4191245.2	258.04246 (17122817)	273.19288 (17122817)	285.53197 (13121117)	298.93167 (13121117)	307.02917 (13121117)
4191225.2	307.81074 (13121117)	320.94207 (13121117)	328.02549 (13121117)	329.06370 (13121117)	324.38217 (13121117)
4191205.2	350.83670 (13121117)	349.96184 (13121117)	343.42270 (13121117)	330.25909 (13121117)	312.27851 (13121117)
4191185.2	361.78739 (13121117)	345.22094 (13121117)	324.85600 (13121117)	327.47563 (13012308)	331.60506 (13012308)
4191165.2	349.60452 (13012308)	354.96769 (13012308)	356.34927 (13012308)	353.82555 (13012308)	346.90312 (13012308)
4191145.2	383.98014 (13012308)	376.16049 (13012308)	364.16073 (13012308)	352.86978 (13010717)	355.39236 (13010717)
4191125.2	382.62476 (13010717)	385.14302 (13010717)	383.08691 (13010717)	376.85985 (13010717)	366.49000 (13010717)
4191105.2	409.31266 (13010717)	397.61187 (13010717)	381.69836 (13010717)	362.73424 (13010717)	341.84219 (13010717)
4191085.2	392.42746 (13010717)	367.84242 (13010717)	341.66292 (13010717)	314.77446 (13010717)	

287.92201 (13010717)
 4191065.2 | 335.36346 (13010717)   304.49414 (13010717)   288.62841 (14010417)   279.92105 (14010417)
269.07575 (14010417)
 4191045.2 | 300.45345 (14010417)   300.14866 (14122717)   300.28912 (14122717)   297.97124 (14122717)
293.57206 (14122717)
 4191025.2 | 327.83275 (14122717)   319.38892 (14122717)   308.66911 (14122717)   296.84176 (14122717)
283.80901 (14122717)
 4191005.2 | 324.31718 (14091907)   327.11342 (14091907)   327.91989 (14091907)   327.78115 (14091907)
326.24252 (14091907)
 4190985.2 | 372.97695 (14091907)   366.38965 (14091907)   358.14432 (14091907)   349.17784 (14091907)
339.50027 (14091907)
 4190965.2 | 374.93286 (14091907)   360.23380 (14091907)   344.24675 (14091907)   328.51024 (14091907)
313.03556 (14091907)
 4190945.2 | 329.17494 (14091907)   309.99333 (14091907)   290.71638 (14091907)   280.65316 (13020407)
280.96653 (13020407)
 4190925.2 | 353.82661 (13020407)   350.42523 (13020407)   345.82121 (13020407)   341.04282 (13020407)
336.27291 (13020407)
 4190905.2 | 397.30432 (13020407)   388.04150 (13020407)   377.88872 (13020407)   367.99774 (13020407)
358.52140 (13020407)
 4190885.2 | 392.21076 (13020407)   378.94581 (13020407)   365.62265 (13020407)   352.61359 (13020407)
340.18781 (13020407)
 4190865.2 | 382.56974 (13121617)   374.18586 (13121617)   366.07195 (13121617)   357.72062 (13121617)
349.41179 (13121617)
 4190845.2 | 428.50586 (13121617)   416.90261 (13121617)   405.99446 (13121617)   395.18332 (13121617)
384.20535 (13121617)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: PLAZA
***
                               INCLUDING SOURCE(S):   L0000447   , L0000448   , L0000449   , L0000450   ,
L0000451   ,
                L0000452   , L0000453   , L0000454   , L0000455   , L0000456   , L0000457   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560917.30   560937.30   560957.30   560977.30
560997.30
 -
- - - - - - - -

 4190825.2 | 425.39717 (13121617)   413.11464 (13121617)   401.41144 (13121617)   390.36042 (13121617)
378.78302 (13121617)
 4190805.2 | 374.28359 (13121617)   363.95590 (13121617)   354.09801 (13121617)   344.75304 (13121617)
334.92151 (13121617)
 4190785.2 | 374.67311 (17111317)   361.47015 (17111317)   348.90220 (17111317)   337.04018 (17111317)
325.01354 (17111317)
 4190765.2 | 403.11116 (17111317)   390.79712 (17111317)   378.93910 (17111317)   367.66177 (17111317)
356.28529 (17111317)
 4190745.2 | 392.22145 (17111317)   383.12155 (17111317)   374.16466 (17111317)   365.55684 (17111317)
356.76239 (17111317)
 4190725.2 | 345.34457 (17111317)   340.78983 (17111317)   336.06398 (17111317)   331.25800 (17111317)
326.38451 (17111317)
 4190705.2 | 275.43940 (17111317)   275.29856 (17111317)   274.80088 (17111317)   273.97608 (17111317)
272.96188 (17111317)
 4190685.2 | 251.31234 (13122807)   243.52355 (13122807)   235.68326 (13122807)   227.84041 (13122807)
220.08805 (13122807)
 4190665.2 | 242.19728 (13122807)   237.90069 (13122807)   233.22431 (13122807)   228.23231 (13122807)
223.03289 (13122807)
 4190645.2 | 215.22310 (13122807)   214.74213 (13122807)   213.67437 (13122807)   212.07505 (13122807)
210.03188 (13122807)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PLAZA ***

INCLUDING SOURCE(S): L0000447 , L0000448 , L0000449 , L0000450 , L0000451 ,
L0000452 , L0000453 , L0000454 , L0000455 , L0000456 , L0000457 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	561017.30	561037.30	561057.30	561077.30	561097.30
4191625.2	239.56541 (16120517)	235.61081 (14012907)	240.04107 (14012907)	238.27868 (14012907)	230.80411 (14012907)
4191605.2	245.57248 (14012907)	248.48556 (14012907)	244.85543 (14012907)	235.25835 (14012907)	220.72781 (14012907)
4191585.2	256.55518 (14012907)	251.20416 (14012907)	239.74417 (14012907)	223.04708 (15010817)	234.21027 (14010709)
4191565.2	256.89725 (14012907)	243.04778 (14012907)	235.85880 (14010709)	246.43185 (14010709)	249.57879 (14010709)
4191545.2	245.96686 (14012907)	249.45700 (14010709)	257.83385 (14010709)	258.16180 (14010709)	250.65543 (14010709)
4191525.2	263.15546 (14010709)	268.50886 (14010709)	265.35718 (14010709)	254.51506 (14010709)	245.06023 (13121017)
4191505.2	277.68828 (14010709)	271.04188 (14010709)	257.43170 (13121017)	249.71362 (13121017)	237.37182 (15120217)
4191485.2	275.09308 (14010709)	264.09511 (13121017)	252.91298 (13121017)	251.08486 (15120217)	255.77226 (13011717)
4191465.2	269.45561 (13121017)	257.65411 (15120217)	263.13479 (15120217)	272.83299 (13011717)	277.22790 (13011717)
4191445.2	272.58606 (15120217)	279.94865 (13011717)	287.39703 (13011717)	288.01485 (13011717)	281.69877 (13011717)
4191425.2	297.81163 (13011717)	300.86458 (13011717)	296.44913 (13011717)	285.26989 (13011717)	268.43094 (13011717)
4191405.2	311.94020 (13011717)	302.20215 (13011717)	285.90374 (13011717)	266.15220 (13011617)	251.97397 (13011617)
4191385.2	304.59506 (13011717)	283.09548 (13011717)	267.21716 (13011617)	248.23730 (13011617)	225.60261 (13011617)
4191365.2	283.61955 (13011617)	264.37713 (13011617)	240.80290 (13011617)	214.58907 (13011617)	187.17244 (13011617)
4191345.2	257.42200 (13011617)	229.70040 (13011617)	200.55482 (13011617)	183.59816 (14111317)	186.81624 (14111317)
4191325.2	215.14634 (13011617)	192.90256 (14111317)	196.54289 (14111317)	198.23325 (17122817)	211.34520 (17122817)
4191305.2	206.89543 (14111317)	211.32528 (17122817)	224.83469 (17122817)	234.01907 (17122817)	242.29178 (13121117)
4191285.2	239.82502 (17122817)	248.84555 (17122817)	259.16938 (13121117)	268.47025 (13121117)	272.65289 (13121117)
4191265.2	278.87284 (13121117)	286.96038 (13121117)	290.13620 (13121117)	289.47688 (13121117)	283.52456 (13121117)
4191245.2	309.73476 (13121117)	306.44526 (13121117)	298.33586 (13121117)	287.01366 (13121117)	271.40514 (13121117)
4191225.2	314.56844 (13121117)	299.77804 (13121117)	281.19127 (13121117)	282.10192 (13012308)	285.92623 (13012308)
4191205.2	300.21017 (13012308)	306.52697 (13012308)	308.71540 (13012308)	306.85901 (13012308)	301.33736 (13012308)
4191185.2	331.58643 (13012308)	327.28292 (13012308)	319.21598 (13012308)	307.34600 (13012308)	

299.66870 (13010717)
 4191165.2 | 335.36806 (13012308)   325.65354 (13010717)   326.56562 (13010717)   323.87438 (13010717)
318.95810 (13010717)
 4191145.2 | 352.90230 (13010717)   346.98604 (13010717)   337.91447 (13010717)   325.45244 (13010717)
310.93450 (13010717)
 4191125.2 | 352.70886 (13010717)   336.02523 (13010717)   317.44777 (13010717)   297.56824 (13010717)
276.82383 (13010717)
 4191105.2 | 319.43223 (13010717)   295.42864 (13010717)   270.69677 (13010717)   247.48858 (13010717)
240.10224 (14010417)
 4191085.2 | 265.93260 (14010417)   259.56301 (14010417)   250.75175 (14010417)   241.23077 (14010417)
241.20262 (14122717)
 4191065.2 | 268.79986 (14122717)   269.08414 (14122717)   267.12757 (14122717)   263.26987 (14122717)
258.43891 (14122717)
 4191045.2 | 287.21141 (14122717)   279.27009 (14122717)   269.70765 (14122717)   257.51054 (14122717)
245.96960 (14122717)
 4191025.2 | 281.13565 (14091907)   284.27854 (14091907)   286.27612 (14091907)   286.30165 (14091907)
284.61970 (14091907)
 4191005.2 | 322.32003 (14091907)   318.51888 (14091907)   313.65611 (14091907)   307.36300 (14091907)
299.45309 (14091907)
 4190985.2 | 329.05507 (14091907)   318.00373 (14091907)   306.49510 (14091907)   294.66471 (14091907)
282.17616 (14091907)
 4190965.2 | 297.62992 (14091907)   282.12205 (14091907)   266.78595 (14091907)   252.24884 (14091907)
239.72139 (17120217)
 4190945.2 | 280.52368 (13020407)   279.50256 (13020407)   278.16692 (13020407)   277.21318 (13020407)
275.95760 (13020407)
 4190925.2 | 330.42456 (13020407)   325.01733 (13020407)   320.03513 (13020407)   315.31188 (13020407)
309.90116 (13020407)
 4190905.2 | 348.26843 (13020407)   339.32319 (13020407)   330.98224 (13020407)   322.73498 (13020407)
313.91651 (13020407)
 4190885.2 | 328.03416 (13020407)   317.19057 (13020407)   308.67206 (13010817)   300.52033 (13010817)
292.14093 (13010817)
 4190865.2 | 341.99306 (13121617)   335.29008 (13121617)   328.61738 (13121617)   321.83574 (13121617)
315.04675 (13121617)
 4190845.2 | 375.00754 (13121617)   365.80417 (13121617)   356.93415 (13121617)   348.29498 (13121617)
339.94124 (13121617)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: PLAZA
***
                               INCLUDING SOURCE(S):   L0000447   , L0000448   , L0000449   , L0000450   ,
L0000451   ,
                L0000452   , L0000453   , L0000454   , L0000455   , L0000456   , L0000457   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 561017.30   561037.30   561057.30   561077.30
561097.30
 -
- - - - - - - -

 4190825.2 | 369.33015 (13121617)   359.82434 (13121617)   350.57169 (13121617)   341.64428 (13121617)
333.08928 (13121617)
 4190805.2 | 326.95709 (13121617)   318.99903 (13121617)   310.89952 (13121617)   303.31511 (13121617)
296.03607 (13121617)
 4190785.2 | 314.61837 (17111317)   304.44331 (17111317)   294.35323 (17111317)   284.88670 (17111317)
275.83893 (17111317)
 4190765.2 | 345.94850 (17111317)   335.93743 (17111317)   325.93452 (17111317)   316.48227 (17111317)
307.37824 (17111317)
 4190745.2 | 348.29591 (17111317)   340.13179 (17111317)   331.86443 (17111317)   323.94196 (17111317)
316.20531 (17111317)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PLAZA ***

INCLUDING SOURCE(S): L0000447 , L0000448 , L0000449 , L0000450 , L0000451 ,
L0000452 , L0000453 , L0000454 , L0000455 , L0000456 , L0000457 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	561117.30	561137.30	561157.30	561177.30	561197.30
4190725.2	320.96336 (17111317)	315.94242 (17111317)	310.95971 (17111317)	305.66261 (17111317)	300.38451 (17111317)
4190705.2	271.17505 (17111317)	269.60026 (17111317)	267.98764 (17111317)	265.96175 (17111317)	263.64362 (17111317)
4190685.2	212.21882 (13122807)	211.63328 (17111317)	212.81342 (17111317)	213.57518 (17111317)	213.95230 (17111317)
4190665.2	217.43430 (13122807)	211.85369 (13122807)	206.20386 (13122807)	200.38378 (13122807)	194.61053 (13122807)
4190645.2	207.45875 (13122807)	204.58428 (13122807)	201.39766 (13122807)	197.73126 (13122807)	194.17210 (13122807)
4191625.2	218.40551 (14012907)	210.38938 (14010709)	220.70389 (14010709)	225.13065 (14010709)	223.57880 (14010709)
4191605.2	222.33658 (14010709)	230.72332 (14010709)	232.72638 (14010709)	228.46753 (14010709)	218.55111 (14010709)
4191585.2	240.30209 (14010709)	239.56154 (14010709)	232.35648 (14010709)	222.33187 (13121017)	216.29141 (13121017)
4191565.2	245.46673 (14010709)	235.10016 (14010709)	227.72360 (13121017)	218.59262 (13121017)	214.62862 (15120217)
4191545.2	238.45839 (13121017)	231.82890 (13121017)	219.44870 (13121017)	225.17418 (15120217)	229.44250 (13011717)
4191525.2	234.45608 (13121017)	231.56812 (15120217)	234.61080 (15120217)	242.86788 (13011717)	246.39708 (13011717)
4191505.2	242.95708 (15120217)	249.48124 (13011717)	255.20166 (13011717)	255.35408 (13011717)	250.19373 (13011717)
4191485.2	263.82061 (13011717)	266.03625 (13011717)	262.38576 (13011717)	253.38486 (13011717)	239.83416 (13011717)
4191465.2	274.94383 (13011717)	267.12717 (13011717)	254.10109 (13011717)	237.14502 (13011617)	226.65377 (13011617)
4191445.2	269.23926 (13011717)	252.11844 (13011717)	238.99757 (13011617)	224.62444 (13011617)	206.96422 (13011617)
4191425.2	252.14813 (13011617)	237.53534 (13011617)	219.31111 (13011617)	198.59336 (13011617)	176.26981 (13011617)
4191405.2	233.27660 (13011617)	210.97549 (13011617)	187.46217 (13011617)	163.56197 (13011617)	159.20606 (14111317)
4191385.2	200.82140 (13011617)	175.15463 (13011617)	166.94336 (14111317)	170.23307 (14111317)	169.68422 (14111317)
4191365.2	174.77888 (14111317)	178.20335 (14111317)	177.56638 (14111317)	188.55467 (17122817)	197.99249 (17122817)
4191345.2	186.28897 (17122817)	199.10031 (17122817)	208.65072 (17122817)	214.62569 (17122817)	223.29104 (13121117)
4191325.2	220.75630 (17122817)	227.38468 (13121117)	237.17594 (13121117)	243.59224 (13121117)	246.54660 (13121117)
4191305.2	251.59026 (13121117)	257.41413 (13121117)	260.01624 (13121117)	258.82849 (13121117)	253.64954 (13121117)
4191285.2	277.09490 (13121117)	274.14732 (13121117)	263.85671 (13121117)	255.04062 (13121117)	

242.32422 (13121117)
 4191265.2 | 278.82895 (13121117)   275.21583 (13121117)   259.86749 (13121117)   260.18627 (13012308)
258.31659 (13012308)
 4191245.2 | 262.61803 (13012308)   275.58718 (13012308)   288.42570 (13012308)   292.77851 (13012308)
288.18209 (13012308)
 4191225.2 | 291.68787 (13012308)   290.30018 (13012308)   291.47787 (13012308)   293.10706 (13012308)
282.63813 (13012308)
 4191205.2 | 299.05371 (13012308)   288.97101 (13012308)   280.04251 (13010717)   280.78964 (13010717)
279.92849 (13010717)
 4191185.2 | 300.86671 (13010717)   299.78280 (13010717)   296.57422 (13010717)   290.83249 (13010717)
282.39418 (13010717)
 4191165.2 | 311.65043 (13010717)   301.91037 (13010717)   290.12946 (13010717)   276.70789 (13010717)
262.03894 (13010717)
 4191145.2 | 294.79563 (13010717)   278.07622 (13010717)   260.46865 (13010717)   242.51501 (13010717)
224.86266 (13010717)
 4191125.2 | 255.85268 (13010717)   235.33690 (13010717)   222.25427 (14010417)   218.82327 (14010417)
214.07174 (14010417)
 4191105.2 | 234.65384 (14010417)   227.55421 (14010417)   219.06396 (14010417)   219.18163 (14122717)
220.31172 (14122717)
 4191085.2 | 242.14437 (14122717)   241.46305 (14122717)   239.26906 (14122717)   235.69246 (14122717)
230.87717 (14122717)
 4191065.2 | 252.51878 (14122717)   245.13606 (14122717)   236.72026 (14122717)   227.46754 (14122717)
217.56596 (14122717)
 4191045.2 | 246.64261 (14091907)   249.36612 (14091907)   251.07043 (14091907)   251.79812 (14091907)
251.60004 (14091907)
 4191025.2 | 281.63617 (14091907)   279.48900 (14091907)   275.89301 (14091907)   271.38168 (14091907)
266.16585 (14091907)
 4191005.2 | 290.34117 (14091907)   282.58963 (14091907)   273.93875 (14091907)   264.80823 (14091907)
255.41367 (14091907)
 4190985.2 | 269.55326 (14091907)   257.49974 (14091907)   245.53034 (14091907)   233.71604 (14091907)
222.11687 (14091907)
 4190965.2 | 229.33262 (17120217)   224.45358 (13020407)   224.95590 (13020407)   225.11724 (13020407)
225.62548 (13020407)
 4190945.2 | 274.22723 (13020407)   271.96055 (13020407)   269.20800 (13020407)   266.30257 (13020407)
263.69069 (13020407)
 4190925.2 | 304.19424 (13020407)   298.41487 (13020407)   292.58547 (13020407)   286.72619 (13020407)
280.85514 (13020407)
 4190905.2 | 305.02585 (13020407)   296.63866 (13020407)   288.43230 (13020407)   280.41165 (13020407)
272.58016 (13020407)
 4190885.2 | 283.85531 (13010817)   276.17016 (13010817)   268.70388 (13010817)   261.45293 (13010817)
254.41334 (13010817)
 4190865.2 | 308.21820 (13121617)   302.15721 (13121617)   296.19042 (13121617)   290.40177 (13121617)
284.78460 (13121617)
 4190845.2 | 331.90483 (13121617)   324.42876 (13121617)   317.05000 (13121617)   309.91874 (13121617)
303.04585 (13121617)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: PLAZA
***
                               INCLUDING SOURCE(S):   L0000447   , L0000448   , L0000449   , L0000450   ,
L0000451   ,
                L0000452   , L0000453   , L0000454   , L0000455   , L0000456   , L0000457   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 561117.30   561137.30   561157.30   561177.30
561197.30
 -
- - - - - - - -

 4190825.2 | 324.90570 (13121617)   316.91344 (13121617)   309.29943 (13121617)   302.04226 (13121617)
295.06433 (13121617)
 4190805.2 | 289.04538 (13121617)   282.32720 (13121617)   275.86682 (13121617)   269.65054 (13121617)
263.66555 (13121617)
 4190785.2 | 267.18670 (17111317)   258.90828 (17111317)   252.31184 (16010817)   246.52981 (16010817)
240.93620 (16010817)
 4190765.2 | 298.60840 (17111317)   290.15917 (17111317)   282.01742 (17111317)   274.17051 (17111317)
266.60628 (17111317)
 4190745.2 | 308.65505 (17111317)   301.29090 (17111317)   294.11187 (17111317)   287.11638 (17111317)
280.30232 (17111317)
 4190725.2 | 295.15616 (17111317)   289.93980 (17111317)   284.74629 (17111317)   279.58510 (17111317)
274.46456 (17111317)
 4190705.2 | 261.24104 (17111317)   258.69732 (17111317)   256.02937 (17111317)   253.25286 (17111317)
250.38226 (17111317)
 4190685.2 | 214.16417 (17111317)   214.15164 (17111317)   213.92977 (17111317)   213.51311 (17111317)
212.91572 (17111317)
 4190665.2 | 188.73978 (13122807)   182.91654 (13122807)   177.13349 (13122807)   171.41033 (13122807)
168.90436 (17111317)
 4190645.2 | 190.27201 (13122807)   186.17614 (13122807)   181.94674 (13122807)   177.61366 (13122807)
173.20400 (13122807)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: PLAZA
***
                               INCLUDING SOURCE(S):   L0000447   , L0000448   , L0000449   , L0000450   ,
L0000451   ,
                L0000452   , L0000453   , L0000454   , L0000455   , L0000456   , L0000457   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 561217.30   561237.30   561257.30   561277.30
561297.30
 -
- - - - - - - -

 4191625.2 | 216.42429 (14010709)   207.96353 (13121017)   202.43681 (13121017)   192.48682 (13121017)
195.18022 (15120217)
 4191605.2 | 212.69520 (13121017)   204.46281 (13121017)   199.56188 (15120217)   203.49277 (15120217)
207.47184 (13011717)
 4191585.2 | 205.22212 (13121017)   209.34130 (15120217)   211.63507 (13011717)   218.53580 (13011717)
221.26496 (13011717)
 4191565.2 | 218.19872 (15120217)   224.18516 (13011717)   228.65298 (13011717)   228.64333 (13011717)
224.35504 (13011717)
 4191545.2 | 235.88649 (13011717)   237.51501 (13011717)   234.45095 (13011717)   227.08063 (13011717)
215.99852 (13011717)
 4191525.2 | 244.80192 (13011717)   238.41493 (13011717)   227.82223 (13011717)   213.79022 (13011717)
205.07390 (13011617)
 4191505.2 | 240.28217 (13011717)   226.40889 (13011717)   215.18815 (13011617)   204.19863 (13011617)
190.29657 (13011617)
 4191485.2 | 226.01143 (13011617)   215.26336 (13011617)   201.00104 (13011617)   184.37849 (13011617)
166.29790 (13011617)
 4191465.2 | 212.61750 (13011617)   195.66886 (13011617)   176.40232 (13011617)   156.43703 (13011617)
136.57313 (13011617)
 4191445.2 | 187.00021 (13011617)   165.89349 (13011617)   144.73284 (13011617)   146.17181 (14111317)
148.92201 (14111317)
 4191425.2 | 153.74917 (13011617)   152.45797 (14111317)   155.30970 (14111317)   155.51951 (14111317)
159.60697 (17122817)
 4191405.2 | 162.02795 (14111317)   161.99625 (14111317)   168.31771 (17122817)   177.43823 (17122817)
184.01233 (17122817)
 4191385.2 | 177.79700 (17122817)   186.58984 (17122817)   193.67161 (17122817)   198.90814 (13121117)

206.36553 (13121117)
 4191365.2 | 203.86840 (17122817)   210.33945 (13121117)   218.28321 (13121117)   222.87875 (13121117)
224.37568 (13121117)
 4191345.2 | 230.69355 (13121117)   234.89484 (13121117)   235.50010 (13121117)   233.11998 (13121117)
227.99238 (13121117)
 4191325.2 | 246.69756 (13121117)   243.52695 (13121117)   236.93329 (13121117)   227.81698 (13121117)
216.61722 (13121117)
 4191305.2 | 245.52460 (13121117)   234.89083 (13121117)   222.13714 (13121117)   220.47021 (13012308)
225.20621 (13012308)
 4191285.2 | 230.23935 (13012308)   235.87851 (13012308)   240.00633 (13012308)   241.57038 (13012308)
240.62961 (13012308)
 4191265.2 | 254.31375 (13012308)   255.08938 (13012308)   251.42042 (13012308)   246.99789 (13012308)
240.81993 (13012308)
 4191245.2 | 263.74095 (13012308)   256.77708 (13012308)   251.30657 (13012308)   246.24880 (13010717)
247.33914 (13010717)
 4191225.2 | 264.89145 (13010717)   263.33825 (13010717)   277.59247 (13010717)   278.17181 (13010717)
272.61992 (13010717)
 4191205.2 | 276.69390 (13010717)   272.49739 (13010717)   270.57619 (13010717)   272.19990 (13010717)
264.68404 (13010717)
 4191185.2 | 271.65829 (13010717)   260.61308 (13010717)   252.55047 (13010717)   246.36220 (13010717)
231.81881 (13010717)
 4191165.2 | 246.49648 (13010717)   230.03420 (13010717)   221.48526 (13010717)   204.38011 (13010717)
198.44882 (14010417)
 4191145.2 | 206.54214 (13010717)   203.56839 (14010417)   207.94934 (14010417)   199.17711 (14010417)
189.91059 (14010417)
 4191125.2 | 207.28800 (14010417)   199.17011 (14010417)   199.31989 (14122717)   200.43609 (14122717)
201.09356 (14122717)
 4191105.2 | 219.72736 (14122717)   217.83273 (14122717)   215.68903 (14122717)   212.06442 (14122717)
207.32330 (14122717)
 4191085.2 | 224.89015 (14122717)   217.89171 (14122717)   210.45984 (14122717)   202.30572 (14122717)
193.67656 (14091907)
 4191065.2 | 219.29977 (14091907)   221.82858 (14091907)   223.54165 (14091907)   224.46766 (14091907)
224.71766 (14091907)
 4191045.2 | 250.53360 (14091907)   248.66101 (14091907)   246.04776 (14091907)   242.76122 (14091907)
239.02927 (14091907)
 4191025.2 | 260.33674 (14091907)   253.98261 (14091907)   247.18781 (14091907)   240.27544 (14091907)
233.08924 (14091907)
 4191005.2 | 246.02356 (14091907)   236.50042 (14091907)   226.78038 (14091907)   217.28235 (14091907)
207.82433 (14091907)
 4190985.2 | 212.55326 (17120217)   204.55798 (17120217)   196.26079 (17120217)   188.01174 (17120217)
184.60018 (13020407)
 4190965.2 | 225.58007 (13020407)   225.25064 (13020407)   224.55437 (13020407)   223.62766 (13020407)
222.48743 (13020407)
 4190945.2 | 260.76491 (13020407)   257.53942 (13020407)   254.01200 (13020407)   250.42181 (13020407)
246.79035 (13020407)
 4190925.2 | 275.23725 (13020407)   269.55814 (13020407)   263.44555 (13020407)   257.55089 (13020407)
251.83015 (13020407)
 4190905.2 | 264.79662 (13020407)   257.20559 (13020407)   250.17490 (13020407)   243.17595 (13020407)
236.30499 (13020407)
 4190885.2 | 247.51432 (13010817)   240.82086 (13010817)   235.28286 (13121617)   231.91876 (13121617)
228.55283 (13121617)
 4190865.2 | 279.58389 (13121617)   274.41935 (13121617)   268.96313 (13121617)   263.84198 (13121617)
258.92807 (13121617)
 4190845.2 | 296.27187 (13121617)   289.57550 (13121617)   283.29207 (13121617)   276.69698 (13121617)
270.58314 (13121617)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: PLAZA
***
                                INCLUDING SOURCE(S):   L0000447   , L0000448   , L0000449   , L0000450   ,
L0000451   ,
                L0000452   , L0000453   , L0000454   , L0000455   , L0000456   , L0000457   ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	561217.30	561237.30	561257.30	561277.30	561297.30
4190825.2	288.48362 (13121617)	281.79074 (13121617)	275.29768 (13121617)	268.69985 (13121617)	262.46959 (13121617)
4190805.2	257.89993 (13121617)	252.44205 (13121617)	246.75168 (13121617)	241.36733 (13121617)	236.26684 (13121617)
4190785.2	235.52345 (16010817)	230.37645 (16010817)	225.04220 (16010817)	219.95546 (16010817)	215.21173 (16010817)
4190765.2	259.31305 (17111317)	252.34721 (17111317)	245.44543 (17111317)	238.72163 (17111317)	232.37351 (17111317)
4190745.2	273.66718 (17111317)	267.24627 (17111317)	260.99003 (17111317)	254.71522 (17111317)	248.57003 (17111317)
4190725.2	269.39189 (17111317)	264.37334 (17111317)	259.47801 (17111317)	254.51340 (17111317)	249.29938 (17111317)
4190705.2	247.43090 (17111317)	244.41107 (17111317)	241.33403 (17111317)	238.28878 (17111317)	234.92215 (17111317)
4190685.2	212.15104 (17111317)	211.23197 (17111317)	210.17078 (17111317)	208.97913 (17111317)	207.72822 (17111317)
4190665.2	169.93207 (17111317)	170.77668 (17111317)	171.44675 (17111317)	171.95084 (17111317)	172.33389 (17111317)
4190645.2	168.74218 (13122807)	164.25013 (13122807)	159.74741 (13122807)	155.25139 (13122807)	150.78738 (13122807)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PLAZA ***

INCLUDING SOURCE(S): L0000447 , L0000448 , L0000449 , L0000450 , L0000451 , L0000452 , L0000453 , L0000454 , L0000455 , L0000456 , L0000457 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	561317.30	561337.30	561357.30	561377.30	561397.30
4191625.2	197.22099 (15120217)	202.59793 (13011717)	205.77326 (13011717)	205.66878 (13011717)	202.07765 (13011717)
4191605.2	212.59547 (13011717)	213.47119 (13011717)	210.49828 (13011717)	204.40468 (13011717)	195.25251 (13011717)
4191585.2	219.85259 (13011717)	214.21651 (13011717)	205.12077 (13011717)	193.55861 (13011717)	185.95855 (13011617)
4191565.2	216.20950 (13011717)	204.47198 (13011717)	194.28404 (13011617)	185.85320 (13011617)	174.86718 (13011617)
4191545.2	203.70006 (13011617)	195.20151 (13011617)	183.81013 (13011617)	170.55048 (13011617)	155.76496 (13011617)
4191525.2	193.99572 (13011617)	180.08882 (13011617)	164.40851 (13011617)	148.01582 (13011617)	131.26794 (13011617)
4191505.2	174.30796 (13011617)	156.80936 (13011617)	138.84297 (13011617)	124.84796 (14111317)	129.71144 (14111317)
4191485.2	147.41454 (13011617)	129.90449 (14111317)	134.96900 (14111317)	137.58593 (14111317)	

137.77060 (14111317)
 4191465.2 | 140.40852 (14111317)   143.35610 (14111317)   143.65333 (14111317)   144.43181 (17122817)
152.72221 (17122817)
 4191445.2 | 149.37393 (14111317)   152.22113 (17122817)   160.92036 (17122817)   167.04773 (17122817)
171.13361 (17122817)
 4191425.2 | 168.87528 (17122817)   175.57396 (17122817)   179.50080 (17122817)   184.90347 (13121117)
190.30719 (13121117)
 4191405.2 | 187.55341 (17122817)   195.00719 (13121117)   200.20832 (13121117)   203.05086 (13121117)
203.54859 (13121117)
 4191385.2 | 211.36025 (13121117)   213.59618 (13121117)   213.28224 (13121117)   210.55096 (13121117)
205.37944 (13121117)
 4191365.2 | 223.10917 (13121117)   219.25977 (13121117)   213.08420 (13121117)   204.89515 (13121117)
194.69967 (13121117)
 4191345.2 | 220.43442 (13121117)   210.81809 (13121117)   199.54605 (13121117)   196.93497 (13012308)
201.16642 (13012308)
 4191325.2 | 205.14311 (13012308)   210.73699 (13012308)   214.45606 (13012308)   216.29727 (13012308)
215.94255 (13012308)
 4191305.2 | 227.84622 (13012308)   228.42648 (13012308)   227.03591 (13012308)   223.80789 (13012308)
218.69548 (13012308)
 4191285.2 | 237.59487 (13012308)   232.65174 (13012308)   226.01861 (13012308)   217.93532 (13012308)
219.43792 (13010717)
 4191265.2 | 231.81810 (13012308)   232.29423 (13010717)   233.96347 (13010717)   233.52258 (13010717)
231.41866 (13010717)
 4191245.2 | 246.66814 (13010717)   244.97401 (13010717)   241.50235 (13010717)   235.80594 (13010717)
228.60200 (13010717)
 4191225.2 | 254.65806 (13010717)   241.08518 (13010717)   232.99586 (13010717)   222.76083 (13010717)
211.35873 (13010717)
 4191205.2 | 247.86200 (13010717)   221.24602 (13010717)   209.87572 (13010717)   196.66729 (13010717)
183.01058 (13010717)
 4191185.2 | 213.91695 (13010717)   189.46369 (13010717)   178.14046 (14010417)   177.19748 (14010417)
174.77986 (14010417)
 4191165.2 | 196.50009 (14010417)   184.26826 (14010417)   181.01997 (14010417)   175.90863 (14010417)
169.59855 (14010417)
 4191145.2 | 184.86814 (14010417)   183.10844 (14122717)   185.39246 (14122717)   186.20182 (14122717)
185.49697 (14122717)
 4191125.2 | 199.74104 (14122717)   198.06795 (14122717)   195.77751 (14122717)   192.46760 (14122717)
187.84131 (14122717)
 4191105.2 | 201.74701 (14122717)   195.45935 (14122717)   188.75545 (14122717)   181.89422 (14122717)
175.47949 (14091907)
 4191085.2 | 196.98021 (14091907)   199.21010 (14091907)   200.82867 (14091907)   202.40975 (14091907)
202.88595 (14091907)
 4191065.2 | 224.62311 (14091907)   223.35159 (14091907)   221.45945 (14091907)   219.50595 (14091907)
216.63374 (14091907)
 4191045.2 | 234.98756 (14091907)   230.16952 (14091907)   224.88186 (14091907)   219.43975 (14091907)
213.50542 (14091907)
 4191025.2 | 225.51509 (14091907)   217.72007 (14091907)   209.82265 (14091907)   202.05976 (14091907)
194.10672 (14091907)
 4191005.2 | 198.33684 (14091907)   190.28476 (17120217)   183.70511 (17120217)   177.23838 (17120217)
170.59250 (17120217)
 4190985.2 | 185.46734 (13020407)   186.10654 (13020407)   186.56729 (13020407)   186.98786 (13020407)
187.04084 (13020407)
 4190965.2 | 221.15006 (13020407)   219.63130 (13020407)   217.99217 (13020407)   216.39504 (13020407)
214.45702 (13020407)
 4190945.2 | 243.07395 (13020407)   239.28733 (13020407)   235.49403 (13020407)   231.86553 (13020407)
227.98254 (13020407)
 4190925.2 | 246.17080 (13020407)   240.58032 (13020407)   235.11551 (13020407)   229.94033 (13020407)
224.62677 (13020407)
 4190905.2 | 230.95618 (13010817)   225.97286 (13010817)   221.08048 (13010817)   216.37028 (13010817)
211.80241 (13010817)
 4190885.2 | 225.24687 (13121617)   222.00049 (13121617)   218.81319 (13121617)   215.68440 (13121617)
212.81722 (13121617)
 4190865.2 | 254.28283 (13121617)   249.70343 (13121617)   245.25109 (13121617)   240.92125 (13121617)
236.93803 (13121617)
 4190845.2 | 266.19263 (13121617)   260.87712 (13121617)   255.47062 (13121617)   250.45279 (13121617)
245.83299 (13121617)

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: PLAZA
***
                                INCLUDING SOURCE(S):   L0000447   , L0000448   , L0000449   , L0000450   ,
L0000451   ,
                L0000452   , L0000453   , L0000454   , L0000455   , L0000456   , L0000457   ,

                                 *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                      ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 561317.30   561337.30   561357.30   561377.30
561397.30
 -
- - - - - - - -

 4190825.2 | 257.57335 (13121617)   252.42279 (13121617)   247.29908 (13121617)   242.28770 (13121617)
237.67565 (13121617)
 4190805.2 | 230.37515 (13121617)   226.15637 (13121617)   222.39999 (13121617)   218.05878 (13121617)
214.08196 (13121617)
 4190785.2 | 210.66051 (16010817)   205.65260 (16010817)   200.58939 (16010817)   197.12211 (16010817)
193.50251 (16010817)
 4190765.2 | 226.51812 (17111317)   220.23470 (17111317)   213.62002 (17111317)   208.40792 (17111317)
203.61897 (17111317)
 4190745.2 | 243.01477 (17111317)   237.29333 (17111317)   231.53059 (17111317)   225.47974 (17111317)
220.68719 (17111317)
 4190725.2 | 244.06896 (17111317)   239.12929 (17111317)   234.56778 (17111317)   230.41687 (17111317)
226.10827 (17111317)
 4190705.2 | 231.09796 (17111317)   227.33142 (17111317)   223.98848 (17111317)   221.56528 (17111317)
218.45901 (17111317)
 4190685.2 | 206.10351 (17111317)   204.00647 (17111317)   201.81928 (17111317)   200.57372 (17111317)
199.16034 (17111317)
 4190665.2 | 172.49584 (17111317)   172.34217 (17111317)   171.96685 (17111317)   171.36806 (17111317)
171.23252 (17111317)
 4190645.2 | 146.36753 (13122807)   141.93384 (13122807)   137.85465 (17111317)   138.56374 (17111317)
139.38382 (17111317)

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: PLAZA
***
                                INCLUDING SOURCE(S):   L0000447   , L0000448   , L0000449   , L0000450   ,
L0000451   ,
                L0000452   , L0000453   , L0000454   , L0000455   , L0000456   , L0000457   ,

                                      *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                   ** CONC OF PM_10   IN MICROGRAMS/M**3   **

     X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC
(YYMMDDHH)
 -
- - - - - - - -
       560122.00   4190978.00   2499.11461 (13121417)   560142.00   4190978.00   2036.33645
(13122017)
       560162.00   4190978.00   2017.43684 (15020708)   560182.00   4190978.00   2257.58455
(15012009)
       560202.00   4190978.00   2107.40367 (15012009)   560222.00   4190978.00   1800.92905
(16120517)
       560242.00   4190978.00   1683.76498 (14012907)   560262.00   4190978.00   1517.29829

(14012907)
560102.00 4190998.00 2419.97574 (14112517) 560122.00 4190998.00 2341.15797
(13121417)
560142.00 4190998.00 2027.84685 (15020707) 560162.00 4190998.00 1737.22761
(17031607)
560182.00 4190998.00 1840.03062 (15020708) 560202.00 4190998.00 2023.58250
(15012009)
560222.00 4190998.00 1869.52354 (15012009) 560242.00 4190998.00 1605.95360
(16120517)
560262.00 4190998.00 1495.37369 (14012907) 560282.00 4190998.00 1407.02715
(14012907)
560302.00 4190998.00 1309.61405 (14010709) 560322.00 4190998.00 1296.33923
(13011717)
560102.00 4191018.00 2299.61032 (14112517) 560122.00 4191018.00 2045.60522
(13121417)
560142.00 4191018.00 1989.20021 (13121417) 560162.00 4191018.00 1724.97121
(13122017)
560182.00 4191018.00 1611.13134 (17031607) 560202.00 4191018.00 1682.75089
(15020708)
560222.00 4191018.00 1826.95410 (15012009) 560242.00 4191018.00 1676.57751
(15012009)
560262.00 4191018.00 1444.29884 (16120517) 560282.00 4191018.00 1364.33347
(16120517)
560302.00 4191018.00 1297.05753 (14012907) 560322.00 4191018.00 1202.19072
(14010709)
560342.00 4191018.00 1120.09263 (13011717) 560362.00 4191018.00 1156.82534
(13011717)
560382.00 4191018.00 1104.16438 (13011717) 560402.00 4191018.00 983.78370
(13011717)
560102.00 4191038.00 2118.96314 (14112517) 560122.00 4191038.00 1725.78466
(14112517)
560142.00 4191038.00 1920.25323 (13121417) 560162.00 4191038.00 1696.29451
(15020707)
560182.00 4191038.00 1419.25064 (13122017) 560202.00 4191038.00 1471.16704
(17031607)
560222.00 4191038.00 1542.23766 (15020708) 560242.00 4191038.00 1659.50938
(15012009)
560262.00 4191038.00 1513.85932 (15012009) 560282.00 4191038.00 1304.48499
(16122217)
560302.00 4191038.00 1262.19797 (16120517) 560322.00 4191038.00 1192.25946
(14012907)
560342.00 4191038.00 1090.58108 (14010709) 560362.00 4191038.00 1054.46452
(14010709)
560382.00 4191038.00 1030.45346 (13011717) 560402.00 4191038.00 1035.90527
(13011717)
560422.00 4191038.00 970.77579 (13011717) 560442.00 4191038.00 852.93045
(13011717)
560462.00 4191038.00 719.34327 (13011617) 560082.00 4191058.00 1901.54737
(15010517)
560102.00 4191058.00 1916.48275 (15112108) 560122.00 4191058.00 1742.04909
(14112517)
560142.00 4191058.00 1732.70692 (13121417) 560162.00 4191058.00 1634.59030
(13121417)
560182.00 4191058.00 1484.54799 (13122017) 560202.00 4191058.00 1294.40076
(17031607)
560222.00 4191058.00 1326.12396 (17031607) 560242.00 4191058.00 1416.15608
(15020708)
560262.00 4191058.00 1515.36506 (15012009) 560282.00 4191058.00 1375.16177
(15012009)
560302.00 4191058.00 1200.59032 (16122217) 560322.00 4191058.00 1168.61278
(16120517)
560342.00 4191058.00 1092.18354 (14012907) 560362.00 4191058.00 1024.31239
(14012907)
560382.00 4191058.00 986.73156 (14010709) 560402.00 4191058.00 908.18465
(14010709)
560422.00 4191058.00 944.25184 (13011717) 560442.00 4191058.00 927.02408
(13011717)
560462.00 4191058.00 854.99777 (13011717) 560082.00 4191078.00 1794.99288
(15010517)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PLAZA ***

INCLUDING SOURCE(S): L0000447 , L0000448 , L0000449 , L0000450 , L0000451 ,
L0000452 , L0000453 , L0000454 , L0000455 , L0000456 , L0000457 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
560182.00	4191078.00	1444.59938	(15020707)	560202.00	4191078.00	1263.48624	(13122017)
560222.00	4191078.00	1234.46919	(17031607)	560242.00	4191078.00	1182.85527	(17031607)
560262.00	4191078.00	1305.65558	(15012009)	560282.00	4191078.00	1390.15858	(15012009)
560302.00	4191078.00	1255.83682	(15012009)	560322.00	4191078.00	1108.92554	(16122217)
560342.00	4191078.00	1082.93576	(16120517)	560362.00	4191078.00	998.05148	(14012907)
560382.00	4191078.00	963.55660	(14012907)	560402.00	4191078.00	910.64802	(14010709)
560422.00	4191078.00	873.63357	(14010709)	560442.00	4191078.00	841.21189	(13011717)
560462.00	4191078.00	862.98923	(13011717)	560482.00	4191078.00	830.99170	(13011717)
560502.00	4191078.00	755.60648	(13011717)	560082.00	4191098.00	1685.50094	(15010517)
560102.00	4191098.00	1614.41387	(15112108)	560122.00	4191098.00	1623.15999	(14112517)
560142.00	4191098.00	1291.61403	(14112517)	560162.00	4191098.00	1488.49084	(13121417)
560182.00	4191098.00	1370.66251	(13121417)	560202.00	4191098.00	1290.88212	(13122017)
560222.00	4191098.00	1029.80655	(13122017)	560242.00	4191098.00	1157.97329	(17031607)
560262.00	4191098.00	1117.13372	(15020708)	560282.00	4191098.00	1220.07492	(15012009)
560302.00	4191098.00	1280.56837	(15012009)	560322.00	4191098.00	1152.33532	(15012009)
560342.00	4191098.00	1027.61146	(16122217)	560362.00	4191098.00	1004.56002	(16120517)
560382.00	4191098.00	921.68452	(16120517)	560402.00	4191098.00	902.19911	(14012907)
560422.00	4191098.00	830.65786	(14010709)	560442.00	4191098.00	827.85989	(14010709)
560462.00	4191098.00	761.02704	(14010709)	560482.00	4191098.00	785.02621	(13011717)
560502.00	4191098.00	787.50091	(13011717)	560522.00	4191098.00	746.73948	(13011717)
560062.00	4191118.00	1279.47160	(15010517)	560082.00	4191118.00	1575.88995	(15010517)
560102.00	4191118.00	1444.33001	(15112108)	560122.00	4191118.00	1512.05324	

(14112517)
        560142.00   4191118.00   1323.92822 (14112517)   560162.00   4191118.00   1306.56380
(13121417)
        560182.00   4191118.00   1368.62520 (13121417)   560202.00   4191118.00   1248.17320
(15020707)
        560222.00   4191118.00   1130.28073 (13122017)   560242.00   4191118.00   1006.36989
(17031607)
        560262.00   4191118.00   1071.47599 (17031607)   560282.00   4191118.00   1057.29830
(15020708)
        560302.00   4191118.00   1142.67015 (15012009)   560322.00   4191118.00   1184.00981
(15012009)
        560342.00   4191118.00   1061.90136 (15012009)   560362.00   4191118.00   955.13038
(16122217)
        560382.00   4191118.00   932.90132 (16120517)   560402.00   4191118.00   873.40668
(16120517)
        560422.00   4191118.00   841.65722 (14012907)   560442.00   4191118.00   788.82074
(14012907)
        560462.00   4191118.00   774.45186 (14010709)   560482.00   4191118.00   738.46263
(14010709)
        560502.00   4191118.00   700.15479 (13011717)   560522.00   4191118.00   730.58699
(13011717)
        560062.00   4191138.00   1144.15461 (15010517)   560082.00   4191138.00   1468.30877
(15010517)
        560102.00   4191138.00   1274.99062 (15112108)   560122.00   4191138.00   1418.27869
(15112108)
        560142.00   4191138.00   1319.90752 (14112517)   560162.00   4191138.00   1133.10115
(15021907)
        560182.00   4191138.00   1292.83135 (13121417)   560202.00   4191138.00   1168.42826
(13121417)
        560222.00   4191138.00   1132.23407 (13122017)   560242.00   4191138.00   949.37278
(13122017)
        560262.00   4191138.00   978.52430 (17031607)   560282.00   4191138.00   980.38696
(17031607)
        560302.00   4191138.00   999.47520 (15020708)   560322.00   4191138.00   1072.37490
(15012009)
        560342.00   4191138.00   1098.43453 (15012009)   560362.00   4191138.00   982.36458
(15012009)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: PLAZA ***

INCLUDING SOURCE(S):   L0000447   , L0000448   , L0000449   , L0000450   , L0000451   ,
L0000452   , L0000453   , L0000454   , L0000455   , L0000456   , L0000457   ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10   IN MICROGRAMS/M**3   **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC
(YYMMDDHH)
- -
        560382.00   4191138.00   890.23979 (16122217)   560402.00   4191138.00   867.39828
(16120517)
        560422.00   4191138.00   827.03716 (16120517)   560442.00   4191138.00   782.94933
(14012907)
        560462.00   4191138.00   751.42899 (14012907)   560482.00   4191138.00   716.57966
(14010709)
        560502.00   4191138.00   706.94890 (14010709)   560062.00   4191158.00   1024.89208
(15010517)
        560082.00   4191158.00   1364.31851 (15010517)   560102.00   4191158.00   1217.21441
(15010517)

560122.00 4191158.00 1340.22513 (15112108) 560142.00 4191158.00 1285.07191 (14112517)
560162.00 4191158.00 1026.16455 (16112517) 560182.00 4191158.00 1163.54569 (13121417)
560202.00 4191158.00 1180.28705 (13121417) 560222.00 4191158.00 1091.50970 (15020707)
560242.00 4191158.00 1015.38682 (13122017) 560262.00 4191158.00 821.49302 (17011317)
560282.00 4191158.00 936.10589 (17031607) 560302.00 4191158.00 888.88691 (17031607)
560322.00 4191158.00 944.05731 (15020708) 560342.00 4191158.00 1008.31963 (15012009)
560362.00 4191158.00 1022.19623 (15012009) 560382.00 4191158.00 911.99533 (15012009)
560402.00 4191158.00 831.91144 (16122217) 560422.00 4191158.00 807.51658 (16120517)
560442.00 4191158.00 782.75323 (16120517) 560462.00 4191158.00 726.76707 (14012907)
560482.00 4191158.00 712.68934 (14012907) 560502.00 4191158.00 657.37309 (14010709)
560062.00 4191178.00 921.36907 (15010517) 560082.00 4191178.00 1264.15072 (15010517)
560102.00 4191178.00 1188.22208 (15010517) 560122.00 4191178.00 1245.92732 (15112108)
560142.00 4191178.00 1226.11780 (14112517) 560162.00 4191178.00 1042.99805 (14112517)
560182.00 4191178.00 1021.27592 (15021907) 560202.00 4191178.00 1133.53193 (13121417)
560222.00 4191178.00 1012.32692 (13121308) 560242.00 4191178.00 1000.63356 (13122017)
560322.00 4191178.00 800.00413 (17031607) 560342.00 4191178.00 891.28968 (15020708)
560362.00 4191178.00 949.78090 (15012009) 560382.00 4191178.00 953.95496 (15012009)
560402.00 4191178.00 849.39908 (15012009) 560422.00 4191178.00 779.28678 (16122217)
560442.00 4191178.00 752.75339 (16120517) 560462.00 4191178.00 740.65361 (16120517)
560482.00 4191178.00 673.54458 (14012907) 560502.00 4191178.00 673.28875 (14012907)
560062.00 4191198.00 853.17942 (15011607) 560082.00 4191198.00 1168.29949 (15010517)
560102.00 4191198.00 1152.58096 (15010517) 560122.00 4191198.00 1142.16066 (15112108)
560142.00 4191198.00 1149.90714 (14112517) 560162.00 4191198.00 1053.66629 (14112517)
560182.00 4191198.00 888.68634 (15021907) 560202.00 4191198.00 1041.38138 (13121417)
560222.00 4191198.00 1029.40417 (13121417) 560362.00 4191198.00 841.30074 (15020708)
560382.00 4191198.00 896.14574 (15012009) 560402.00 4191198.00 892.60808 (15012009)
560422.00 4191198.00 793.44062 (15012009) 560442.00 4191198.00 731.64358 (16122217)
560462.00 4191198.00 702.67693 (16120517) 560482.00 4191198.00 700.94295 (16120517)
560042.00 4191218.00 1091.49599 (15011607) 560062.00 4191218.00 804.94626 (15011607)
560082.00 4191218.00 1080.41076 (15010517) 560102.00 4191218.00 1111.95593 (15010517)
560122.00 4191218.00 1034.59360 (15112108) 560142.00 4191218.00 1103.15548 (15112108)
560162.00 4191218.00 1042.21040 (14112517) 560182.00 4191218.00 861.12364 (16112517)
560202.00 4191218.00 921.15693 (15021907) 560222.00 4191218.00 1002.11198 (13121417)
560342.00 4191218.00 762.28000 (17031607) 560362.00 4191218.00 735.50582 (15020708)
560382.00 4191218.00 794.13032 (15020708) 560402.00 4191218.00 846.88839

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PLAZA ***
INCLUDING SOURCE(S): L0000447 , L0000448 , L0000449 , L0000450 , L0000451 ,
L0000452 , L0000453 , L0000454 , L0000455 , L0000456 , L0000457 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
560422.00	4191218.00	837.24018	(15012009)	560442.00	4191218.00	743.18766	(15012009)
560462.00	4191218.00	689.01999	(16122217)	560482.00	4191218.00	665.22125	(16122217)
560082.00	4191238.00	998.29439	(15010517)	560102.00	4191238.00	1067.80444	(15010517)
560122.00	4191238.00	927.66826	(15112108)	560142.00	4191238.00	1056.66381	(15112108)
560162.00	4191238.00	1012.19654	(14112517)	560182.00	4191238.00	844.70389	(14112517)
560202.00	4191238.00	821.54233	(15021907)	560222.00	4191238.00	936.51091	(13121417)
560342.00	4191238.00	740.84616	(17031607)	560362.00	4191238.00	699.33353	(17031607)
560382.00	4191238.00	707.76339	(15020708)	560402.00	4191238.00	749.75313	(15020708)
560422.00	4191238.00	801.55360	(15012009)	560442.00	4191238.00	787.08519	(15012009)
560462.00	4191238.00	698.73517	(15012009)	560182.00	4191258.00	861.44852	(14112517)
560202.00	4191258.00	729.50648	(16112517)	560322.00	4191258.00	626.29706	(17011317)
560342.00	4191258.00	661.91577	(17031607)	560362.00	4191258.00	702.19783	(17031607)
560382.00	4191258.00	637.50948	(17031607)	560402.00	4191258.00	679.96969	(15020708)
560422.00	4191258.00	708.09755	(15020708)	560442.00	4191258.00	759.85386	(15012009)
560462.00	4191258.00	742.37150	(15012009)	560322.00	4191278.00	648.18545	(13122017)
560342.00	4191278.00	574.89984	(17011317)	560362.00	4191278.00	649.83515	(17031607)
560382.00	4191278.00	659.43429	(17031607)	560402.00	4191278.00	578.12281	(17031607)
560422.00	4191278.00	652.44484	(15020708)	560442.00	4191278.00	673.61135	(15012009)
559982.00	4191298.00	917.63494	(17112408)	560002.00	4191298.00	727.24343	(15011607)
560022.00	4191298.00	896.51603	(15011607)	560042.00	4191298.00	864.04469	(15011607)
560062.00	4191298.00	651.35734	(15011607)	560302.00	4191298.00	732.05295	(15020707)
560322.00	4191298.00	687.62761	(13122017)	560342.00	4191298.00	571.79422	(17011317)
560362.00	4191298.00	557.78645	(17031607)	560382.00	4191298.00	630.19645	(17031607)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PLAZA ***

INCLUDING SOURCE(S): L0000447 , L0000448 , L0000449 , L0000450 , L0000451 ,
L0000452 , L0000453 , L0000454 , L0000455 , L0000456 , L0000457 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
560402.00	4191298.00	614.45925	(17031607)	560422.00	4191298.00	560.09417	(15020708)
560442.00	4191298.00	625.83194	(15020708)	559962.00	4191318.00	898.47738	(17112408)
559982.00	4191318.00	852.26689	(17112408)	560002.00	4191318.00	706.13841	(15011607)
560022.00	4191318.00	855.56116	(15011607)	560042.00	4191318.00	819.31086	(15011607)
560062.00	4191318.00	620.47284	(15011607)	560082.00	4191318.00	725.52292	(15010517)
560102.00	4191318.00	877.80813	(15010517)	560122.00	4191318.00	810.28920	(15010517)
560142.00	4191318.00	785.94466	(15112108)	560162.00	4191318.00	860.15325	(15112108)
560302.00	4191318.00	697.93755	(15020707)	560322.00	4191318.00	686.85976	(13122017)
560342.00	4191318.00	609.41997	(13122017)	560362.00	4191318.00	536.50199	(17011317)
560382.00	4191318.00	559.77978	(17031607)	560402.00	4191318.00	604.76827	(17031607)
560422.00	4191318.00	568.79875	(17031607)	559962.00	4191338.00	862.16294	(17112408)
559982.00	4191338.00	791.43847	(17112408)	560002.00	4191338.00	685.59366	(15011607)
560022.00	4191338.00	817.40649	(15011607)	560042.00	4191338.00	778.22540	(15011607)
560062.00	4191338.00	591.94436	(15011607)	560082.00	4191338.00	670.04767	(15010517)
560102.00	4191338.00	830.81095	(15010517)	560122.00	4191338.00	794.14707	(15010517)
560142.00	4191338.00	712.99508	(15112108)	560162.00	4191338.00	821.87438	(15112108)
560182.00	4191338.00	788.54072	(14112517)	560202.00	4191338.00	724.99422	(14112517)
560222.00	4191338.00	639.22050	(16112517)	560242.00	4191338.00	631.40149	(15021907)
560302.00	4191338.00	645.83110	(13121308)	560322.00	4191338.00	667.60362	(15020707)
560342.00	4191338.00	636.07111	(13122017)	560362.00	4191338.00	526.66094	(13122017)
560382.00	4191338.00	493.07058	(17011317)	560402.00	4191338.00	554.36484	(17031607)
560422.00	4191338.00	575.16999	(17031607)	559962.00	4191358.00	823.76561	(17112408)
559982.00	4191358.00	733.82362	(17112408)	560002.00	4191358.00	665.55166	(15011607)
560022.00	4191358.00	781.80620	(15011607)	560042.00	4191358.00	740.38900	

(15011607)
        560062.00   4191358.00   565.52646 (15011607)   560082.00   4191358.00   619.04826
(15010517)
        560102.00   4191358.00   785.02057 (15010517)   560122.00   4191358.00   774.98092
(15010517)
        560142.00   4191358.00   642.31821 (15112108)   560162.00   4191358.00   776.85431
(15112108)
        560182.00   4191358.00   746.84096 (14112517)   560202.00   4191358.00   721.09065
(14112517)
        560222.00   4191358.00   627.68274 (16112517)   560242.00   4191358.00   558.92722
(15021907)
        560262.00   4191358.00   645.52332 (13121417)   560282.00   4191358.00   699.37902
(13121417)
        560302.00   4191358.00   648.76499 (13121417)   560322.00   4191358.00   634.83573
(15020707)
        560342.00   4191358.00   628.41944 (13122017)   560362.00   4191358.00   572.55227
(13122017)
        560382.00   4191358.00   497.09320 (17011317)   560402.00   4191358.00   476.30541
(17031607)
        559962.00   4191378.00   784.17589 (17112408)   559982.00   4191378.00   679.58253
(17112408)
        560002.00   4191378.00   646.05249 (15011607)   560022.00   4191378.00   748.54002
(15011607)
        560042.00   4191378.00   705.45642 (15011607)   560062.00   4191378.00   541.00588
(15011607)
        560082.00   4191378.00   572.20244 (15010517)   560102.00   4191378.00   740.73273
(15010517)
        560122.00   4191378.00   753.42068 (15010517)   560142.00   4191378.00   605.08677
(15010517)
        560162.00   4191378.00   727.31734 (15112108)   560182.00   4191378.00   736.42352
(15112108)
        560202.00   4191378.00   707.68891 (14112517)   560222.00   4191378.00   608.13447
(14112517)
        560242.00   4191378.00   556.82423 (16112517)   560262.00   4191378.00   591.24600
(15021907)
        560282.00   4191378.00   658.48247 (13121417)   560302.00   4191378.00   654.14640
(13121417)
        560322.00   4191378.00   588.25186 (13121308)   560342.00   4191378.00   612.00253
(15020707)
        559982.00   4191398.00   628.76754 (17112408)   560002.00   4191398.00   627.12297
(15011607)
        560022.00   4191398.00   717.41024 (15011607)   560042.00   4191398.00   673.12786
(15011607)
        560062.00   4191398.00   518.19639 (15011607)   560082.00   4191398.00   529.19465
(15010517)
        560102.00   4191398.00   698.15575 (15010517)   560122.00   4191398.00   730.02992
(15010517)
        560142.00   4191398.00   607.77464 (15010517)   560162.00   4191398.00   675.21467
(15112108)
        560182.00   4191398.00   717.51794 (15112108)   560202.00   4191398.00   686.33280
(14112517)
        560222.00   4191398.00   618.21750 (14112517)   560242.00   4191398.00   561.90874
(16112517)
        560262.00   4191398.00   532.37948 (15021907)   560282.00   4191398.00   604.22720
(13121417)
        559982.00   4191418.00   582.10952 (17112408)   560002.00   4191418.00   609.40331
(15011607)
        560022.00   4191418.00   688.64194 (15011607)   560042.00   4191418.00   643.14188
(15011607)
        560062.00   4191418.00   496.93479 (15011607)   560082.00   4191418.00   494.43822
(16020608)
        560102.00   4191418.00   657.42691 (15010517)   560122.00   4191418.00   705.30473
(15010517)
        560142.00   4191418.00   607.20589 (15010517)   560162.00   4191418.00   622.18840
(15112108)
        560182.00   4191418.00   691.64058 (15112108)   560202.00   4191418.00   658.62311
(14112517)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                          *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: PLAZA
***
                              INCLUDING SOURCE(S):   L0000447   , L0000448   , L0000449   , L0000450   ,
L0000451   ,
                L0000452   , L0000453   , L0000454   , L0000455   , L0000456   , L0000457   ,

                                    *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                  ** CONC OF PM_10   IN MICROGRAMS/M**3   **

     X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC
(YYMMDDHH)
 -
- - - - - - - -
       560222.00   4191418.00   619.92086 (14112517)   560242.00   4191418.00   553.28447
(16112517)
       560262.00   4191418.00   478.58445 (16112517)   560002.00   4191438.00   591.04452
(15011607)
       560022.00   4191438.00   661.61862 (15011607)   560042.00   4191438.00   615.44785
(15011607)
       560062.00   4191438.00   477.07741 (15011607)   560082.00   4191438.00   472.80719
(16020608)
       560102.00   4191438.00   618.62648 (15010517)   560122.00   4191438.00   679.67549
(15010517)
       560142.00   4191438.00   603.72720 (15010517)   560162.00   4191438.00   569.56643
(15112108)
       560182.00   4191438.00   660.32893 (15112108)   560202.00   4191438.00   629.00863
(15112108)
       560222.00   4191438.00   614.03287 (14112517)   560242.00   4191438.00   532.76990
(16112517)
       560262.00   4191438.00   494.77923 (16112517)   560042.00   4191458.00   589.50745
(15011607)
       560062.00   4191458.00   458.62972 (15011607)   560082.00   4191458.00   452.19277
(16020608)
       560102.00   4191458.00   581.78973 (15010517)   560122.00   4191458.00   653.51058
(15010517)
       560142.00   4191458.00   597.68634 (15010517)   560162.00   4191458.00   518.37875
(15112108)
       560182.00   4191458.00   625.04266 (15112108)   560202.00   4191458.00   622.79614
(15112108)
       560222.00   4191458.00   601.52058 (14112517)   560242.00   4191458.00   533.45915
(14112517)
       560262.00   4191458.00   499.70935 (16112517)   560142.00   4191478.00   590.14749
(15010517)
       560162.00   4191478.00   469.85756 (15112108)   560182.00   4191478.00   587.72358
(15112108)
       560202.00   4191478.00   610.55133 (15112108)   560222.00   4191478.00   583.44357
(14112517)
       560242.00   4191478.00   538.41214 (14112517)   560155.00   4190663.00   1836.57888
(16122208)
       560175.00   4190663.00   1798.07955 (16120808)   560115.00   4190683.00   2344.23698
(13111408)
       560135.00   4190683.00   2226.03845 (15010807)   560155.00   4190683.00   2058.54627
(16120808)
       560175.00   4190683.00   1969.34478 (17112308)   560095.00   4190703.00   2887.20030
(13121217)
       560115.00   4190703.00   2768.06457 (15010807)   560135.00   4190703.00   2343.86100
(16120808)
       560155.00   4190703.00   2301.25441 (17112308)   560175.00   4190703.00   2068.12840
(14010617)
       560095.00   4190723.00   3250.29596 (15010807)   560115.00   4190723.00   2783.23539
(15010807)
       560135.00   4190723.00   2709.91577 (17112308)   560155.00   4190723.00   2525.93087

(14010617)
        560175.00   4190723.00   2318.93857 (14010617)   560195.00   4190723.00   1828.87488
(14112408)
        560095.00   4190743.00   3793.53204 (15010807)   560115.00   4190743.00   3249.02053
(17112308)
        560135.00   4190743.00   3100.22843 (14010617)   560155.00   4190743.00   2692.69084
(14010617)
        560175.00   4190743.00   2169.25371 (14112408)   560195.00   4190743.00   1769.96755
(13012407)
        560075.00   4190763.00   4950.92682 (13121217)   560095.00   4190763.00   4047.72480
(17112308)
        560115.00   4190763.00   3862.04208 (14010617)   560135.00   4190763.00   3105.11131
(14010617)
        560155.00   4190763.00   2488.20574 (14112408)   560175.00   4190763.00   2146.07469
(13012407)
        560195.00   4190763.00   1831.64165 (17113007)   560215.00   4190763.00   1567.25023
(13012507)
        560075.00   4190783.00   4295.47738 (15010807)   560095.00   4190783.00   4995.63188
(14010617)
        560115.00   4190783.00   3698.62454 (14112408)   560135.00   4190783.00   2983.89492
(17113007)
        560155.00   4190783.00   2440.56369 (13012507)   560175.00   4190783.00   2199.36626
(13012507)
        560195.00   4190783.00   1944.18627 (13012507)   560215.00   4190783.00   1721.21026
(17111317)
        560235.00   4190783.00   1646.02068 (17111317)   560075.00   4190803.00   3130.65295
(14010617)
        560095.00   4190803.00   3883.61200 (17113007)   560115.00   4190803.00   4033.71772
(17111317)
        560135.00   4190803.00   3645.74526 (17111317)   560155.00   4190803.00   3307.84520
(17111317)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: PLAZA
***
                               INCLUDING SOURCE(S):   L0000447   , L0000448   , L0000449   , L0000450   ,
L0000451   ,
                L0000452   , L0000453   , L0000454   , L0000455   , L0000456   , L0000457   ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC
(YYMMDDHH)
 -
- - - - - - - -
        560175.00   4190803.00   2966.85706 (17111317)   560195.00   4190803.00   2682.87259
(17111317)
        560215.00   4190803.00   2440.73312 (17111317)   560235.00   4190803.00   2230.78656
(17111317)
        560255.00   4190803.00   2047.32397 (17111317)   560275.00   4190803.00   1885.30948
(17111317)
        560075.00   4190823.00   3113.72304 (17111317)   560095.00   4190823.00   5327.56721
(17111317)
        560115.00   4190823.00   4479.77550 (17111317)   560135.00   4190823.00   3857.47735
(17111317)
        560155.00   4190823.00   3362.61928 (17111317)   560175.00   4190823.00   2993.04260
(13121617)
        560195.00   4190823.00   2702.52072 (13121617)   560215.00   4190823.00   2450.06155
(13121617)
        560235.00   4190823.00   2235.11166 (13121617)   560255.00   4190823.00   2050.07520
(13121617)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SEAPM ***

INCLUDING SOURCE(S): SEAPM ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	559917.30	559937.30	559957.30	559977.30	559997.30
4191625.2	482.49859 (13040307)	419.56812 (17112408)	488.63174 (17112408)	500.73402 (17112408)	474.25346 (14012908)
4191605.2	506.84666 (13040307)	427.10000 (13040307)	491.49233 (17112408)	513.98050 (17112408)	486.99532 (14012908)
4191585.2	529.61731 (13040307)	457.80867 (13040307)	492.76368 (17112408)	526.03930 (17112408)	499.17357 (14012908)
4191565.2	550.37806 (13040307)	488.40957 (13040307)	492.20057 (17112408)	536.92677 (17112408)	513.28415 (17112408)
4191545.2	568.66307 (13040307)	518.36044 (13040307)	489.52633 (17112408)	546.18811 (17112408)	531.55101 (17112408)
4191525.2	583.94116 (13040307)	547.02321 (13040307)	484.53557 (17112408)	553.52734 (17112408)	550.13274 (17112408)
4191505.2	595.73192 (13040307)	574.72451 (13040307)	485.68748 (13040307)	560.14761 (17112408)	569.43222 (17112408)
4191485.2	603.56891 (13040307)	600.41329 (13040307)	521.60342 (13040307)	564.68235 (17112408)	

	560275.00	4190823.00	1889.29481 (13121617)	560295.00	4190823.00	1748.46326 (13121617)
	560315.00	4190823.00	1626.28695 (13121617)	560115.00	4190843.00	3988.51579 (14121317)
	560135.00	4190843.00	3282.32595 (13010717)	560155.00	4190843.00	2766.45354 (13010717)
	560175.00	4190843.00	2536.37052 (13020407)	560195.00	4190843.00	2341.00159 (13020407)
	560215.00	4190843.00	2160.67459 (13020407)	560235.00	4190843.00	1995.87439 (13020407)
	560255.00	4190843.00	1847.59112 (13020407)	560275.00	4190843.00	1713.08395 (13020407)
	560295.00	4190843.00	1590.40471 (13020407)	560315.00	4190843.00	1478.11039 (13020407)
	560335.00	4190843.00	1375.08162 (13020407)	560195.00	4190863.00	2423.28571 (13010717)
	560215.00	4190863.00	2105.09260 (13010717)	560235.00	4190863.00	1809.30811 (14091907)
	560255.00	4190863.00	1703.03113 (14091907)	560275.00	4190863.00	1590.46824 (14091907)
	560295.00	4190863.00	1474.43085 (14091907)	560315.00	4190863.00	1357.53882 (14091907)
	560335.00	4190863.00	1242.13410 (14091907)	560075.00	4190883.00	4772.96243 (13121308)
	560095.00	4190883.00	4388.67930 (15012009)	560115.00	4190883.00	3811.14754 (15012009)
	560255.00	4190883.00	1881.55703 (13010717)	560275.00	4190883.00	1655.54322 (13010717)
	560295.00	4190883.00	1418.80817 (13010717)	560315.00	4190883.00	1258.67394 (14091907)
	560335.00	4190883.00	1226.26660 (14091907)			

587.01535 (17112408)
 4191465.2 | 606.96003 (13040307)   623.50993 (13040307)   557.30289 (13040307)   567.20843 (17112408)
603.14509 (17112408)
 4191445.2 | 605.68845 (13040307)   644.23391 (13040307)   593.36621 (13040307)   568.61869 (17112408)
618.97638 (17112408)
 4191425.2 | 598.94581 (13040307)   660.52819 (13040307)   627.62967 (13040307)   567.18455 (17112408)
632.83306 (17112408)
 4191405.2 | 586.62280 (13040307)   672.24424 (13040307)   659.69620 (13040307)   562.69218 (17112408)
644.25760 (17112408)
 4191385.2 | 568.81732 (13040307)   678.96249 (13040307)   689.07983 (13040307)   602.93784 (13040307)
653.88314 (17112408)
 4191365.2 | 544.94020 (13040307)   680.16682 (13040307)   715.19068 (13040307)   645.31478 (13040307)
661.41694 (17112408)
 4191345.2 | 515.51416 (13040307)   674.98658 (13040307)   737.19731 (13040307)   686.72027 (13040307)
666.47822 (17112408)
 4191325.2 | 480.64158 (13040307)   663.03532 (13040307)   754.24441 (13040307)   726.46357 (13040307)
668.90456 (17112408)
 4191305.2 | 440.93549 (13040307)   644.14287 (13040307)   765.75378 (13040307)   763.99081 (13040307)
668.62853 (17112408)
 4191285.2 | 397.24855 (13040307)   617.50196 (13040307)   770.93123 (13040307)   797.72615 (13040307)
704.03900 (13040307)
 4191265.2 | 350.78864 (13040307)   583.87009 (13040307)   768.53263 (13040307)   827.69139 (13040307)
754.64109 (13040307)
 4191245.2 | 302.80179 (13040307)   542.98062 (13040307)   758.14970 (13040307)   852.21404 (13040307)
803.81636 (13040307)
 4191225.2 | 336.61152 (14122308)   495.61251 (13040307)   738.91447 (13040307)   870.87446 (13040307)
851.02005 (13040307)
 4191205.2 | 399.23044 (14122308)   442.71179 (13040307)   710.27951 (13040307)   882.68977 (13040307)
895.48071 (13040307)
 4191185.2 | 465.42865 (14122308)   385.96966 (13040307)   672.18014 (13040307)   886.40333 (13040307)
935.49231 (13040307)
 4191165.2 | 532.43728 (14122308)   398.70414 (14122308)   623.93781 (13040307)   879.87148 (13040307)
970.79478 (13040307)
 4191145.2 | 596.70473 (14122308)   473.22273 (14122308)   566.04424 (13040307)   863.33557 (13040307)
1000.59788 (13040307)
 4191125.2 | 663.90683 (13012409)   551.19153 (14122308)   500.11638 (13040307)   833.63941 (13040307)
1023.22360 (13040307)
 4191105.2 | 738.40811 (13012409)   628.87749 (14122308)   477.41705 (14122308)   790.47959 (13040307)
1037.27631 (13040307)
 4191085.2 | 796.59088 (13012409)   703.86359 (13012409)   566.97337 (14122308)   732.99234 (13040307)
1040.83327 (13040307)
 4191065.2 | 829.68199 (13012409)   796.31696 (13012409)   659.73755 (14122308)   660.74013 (13040307)
1031.35093 (13040307)
 4191045.2 | 830.45218 (13012409)   872.89681 (13012409)   750.25845 (14122308)   578.88193 (14122308)
1005.46122 (13040307)
 4191025.2 | 810.11070 (16121207)   922.14726 (13012409)   859.65437 (13012409)   687.95476 (14122308)
959.98031 (13040307)
 4191005.2 | 838.87737 (16121207)   933.13993 (13012409)   961.05601 (13012409)   800.07605 (14122308)
891.37184 (13040307)
 4190985.2 | 825.87215 (16121207)   905.66276 (16121207)   1033.57364 (13012409)   928.47797 (13012409)
797.18519 (13040307)
 4190965.2 | 771.73842 (16121207)   936.50421 (16121207)   1060.10647 (13012409)   1063.21876 (13012409)
847.72535 (14122308)
 4190945.2 | 798.20527 (13011808)   914.55100 (16121207)   1028.78304 (13012409)   1170.16205 (13012409)
1001.31944 (13012409)
 4190925.2 | 907.40070 (13011808)   843.59827 (16121207)   1056.55875 (16121207)   1221.92964 (13012409)
1181.15880 (13012409)
 4190905.2 | 960.28706 (13011808)   959.53626 (13011808)   1020.45556 (16121207)   1195.78482 (13012409)
1342.78935 (13012409)
 4190885.2 | 1022.14169 (13032907)   1046.64968 (13011808)   1007.56952 (13011808)   1207.82243 (16121207)
1439.14066 (13012409)
 4190865.2 | 1032.05996 (13032907)   1100.75986 (13032907)   1138.72656 (13011808)   1148.69953 (16121207)
1420.29637 (13012409)
 4190845.2 | 967.37039 (13032907)   1132.98903 (13032907)   1188.66525 (13032907)   1237.51182 (13011808)
1401.70384 (16121207)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: SEAPM
***
                                INCLUDING SOURCE(S):   SEAPM   ,

                                 *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                      ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 559917.30   559937.30   559957.30   559977.30
559997.30
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- - - - - - - -

 4190825.2 | 894.72413 (15102707)   1072.93065 (13032907)   1250.28143 (13032907)   1327.79403 (13011808)
1347.00647 (13011808)
 4190805.2 | 888.71009 (15102707)   972.63557 (15102707)   1197.76600 (13032907)   1392.37452 (13032907)
1497.95199 (13011808)
 4190785.2 | 950.78415 (13112607)   971.45358 (13112607)   1079.99281 (16120307)   1348.65806 (13032907)
1569.07614 (13032907)
 4190765.2 | 952.40218 (13112607)   1036.61570 (13112607)   1094.60674 (13112607)   1221.26578 (13032907)
1537.88430 (13032907)
 4190745.2 | 906.18294 (13112607)   1017.71664 (13112607)   1128.58627 (13112607)   1232.80660 (13112607)
1397.14738 (13032907)
 4190725.2 | 892.89507 (13011907)   959.87987 (13011907)   1091.25991 (13112607)   1231.77198 (13112607)
1388.99468 (13112607)
 4190705.2 | 871.75145 (13011907)   949.04984 (13011907)   1034.44117 (13011907)   1178.61110 (13112607)
1354.71713 (13112607)
 4190685.2 | 843.69407 (15032407)   917.48396 (13011907)   1011.83242 (13011907)   1118.13164 (13011907)
1285.92292 (13112607)
 4190665.2 | 831.41954 (15032407)   898.07942 (15032407)   974.80459 (15032407)   1083.66918 (13011907)
1217.89911 (13011907)
 4190645.2 | 800.27772 (15032407)   873.59782 (15032407)   955.17103 (15032407)   1050.00101 (15032407)
1167.73995 (13011907)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: SEAPM
***
                                INCLUDING SOURCE(S):   SEAPM   ,

                                 *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                      ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560017.30   560037.30   560057.30   560077.30
560097.30
 -
- - - - - - - -

 4191625.2 | 432.10880 (14012908)   352.89950 (14012908)   334.66836 (15011607)   412.38382 (15011607)
451.55287 (15011607)
 4191605.2 | 449.92989 (14012908)   371.88940 (14012908)   337.22914 (15011607)   418.45941 (15011607)
460.46517 (15011607)
 4191585.2 | 467.69994 (14012908)   391.54603 (14012908)   339.67573 (15011607)   424.67835 (15011607)
469.63141 (15011607)
 4191565.2 | 484.92658 (14012908)   411.57710 (14012908)   341.85698 (15011607)   430.73279 (15011607)
478.92220 (15011607)
 4191545.2 | 502.30147 (14012908)   432.25455 (14012908)   343.81214 (15011607)   436.67892 (15011607)

488.59283 (15011607)
 4191525.2 | 520.08147 (14012908)   453.73124 (14012908)   350.63704 (14012908)   442.56372 (15011607)
498.65180 (15011607)
 4191505.2 | 538.13367 (14012908)   475.82125 (14012908)   372.32833 (14012908)   448.83811 (15011607)
508.84560 (15011607)
 4191485.2 | 555.71178 (14012908)   498.51712 (14012908)   395.56450 (14012908)   456.01586 (15011607)
520.22248 (15011607)
 4191465.2 | 572.83659 (14012908)   521.83212 (14012908)   419.85360 (14012908)   462.60379 (15011607)
531.20450 (15011607)
 4191445.2 | 590.03656 (14012908)   545.99759 (14012908)   444.89815 (14012908)   469.12616 (15011607)
542.30459 (15011607)
 4191425.2 | 610.19965 (17112408)   569.66921 (14012908)   470.99446 (14012908)   475.81101 (15011607)
553.75211 (15011607)
 4191405.2 | 634.63516 (17112408)   593.69856 (14012908)   498.22332 (14012908)   482.56437 (15011607)
565.48071 (15011607)
 4191385.2 | 658.61558 (17112408)   617.72463 (14012908)   526.50739 (14012908)   489.36663 (15011607)
577.57568 (15011607)
 4191365.2 | 681.70984 (17112408)   641.73143 (14012908)   555.71870 (14012908)   496.22685 (15011607)
590.06377 (15011607)
 4191345.2 | 703.57235 (17112408)   665.57066 (14012908)   585.93993 (14012908)   503.25100 (15011607)
602.93975 (15011607)
 4191325.2 | 724.14359 (17112408)   689.00127 (14012908)   616.94191 (14012908)   510.40425 (15011607)
616.21037 (15011607)
 4191305.2 | 743.00778 (17112408)   712.03148 (14012908)   648.71329 (14012908)   517.66430 (15011607)
629.86384 (15011607)
 4191285.2 | 759.98644 (17112408)   738.24829 (17112408)   681.20295 (14012908)   547.02659 (14012908)
643.95129 (15011607)
 4191265.2 | 774.83177 (17112408)   770.24982 (17112408)   714.12528 (14012908)   583.40416 (14012908)
658.55550 (15011607)
 4191245.2 | 787.35748 (17112408)   801.54482 (17112408)   747.56664 (14012908)   621.47933 (14012908)
673.68864 (15011607)
 4191225.2 | 797.06355 (17112408)   831.90860 (17112408)   781.12177 (14012908)   661.35707 (14012908)
689.37959 (15011607)
 4191205.2 | 804.08090 (17112408)   861.12225 (17112408)   815.08273 (14012908)   702.74003 (14012908)
705.73261 (15011607)
 4191185.2 | 833.09907 (13040307)   888.27891 (17112408)   848.74308 (14012908)   745.97849 (14012908)
722.66485 (15011607)
 4191165.2 | 894.23119 (13040307)   913.83862 (17112408)   881.80892 (14012908)   790.54282 (14012908)
740.34655 (15011607)
 4191145.2 | 953.71567 (13040307)   937.50389 (17112408)   916.70255 (17112408)   836.39457 (14012908)
758.77306 (15011607)
 4191125.2 | 1010.88755 (13040307)   958.74182 (17112408)   960.16911 (17112408)   883.52781 (14012908)
778.10727 (15011607)
 4191105.2 | 1064.96440 (13040307)   977.53296 (17112408)   1002.82900 (17112408)   931.63500 (14012908)
798.31353 (15011607)
 4191085.2 | 1115.11387 (13040307)   1002.65629 (13040307)   1044.92059 (17112408)   980.85104 (14012908)
819.60878 (15011607)
 4191065.2 | 1160.83750 (13040307)   1077.34975 (13040307)   1086.14738 (17112408)   1030.85387 (14012908)
871.00809 (14012908)
 4191045.2 | 1201.10251 (13040307)   1150.62815 (13040307)   1126.38605 (17112408)   1081.54234 (14012908)
933.57595 (14012908)
 4191025.2 | 1234.69935 (13040307)   1222.35177 (13040307)   1165.50812 (17112408)   1132.75475 (14012908)
999.57626 (14012908)
 4191005.2 | 1259.12987 (13040307)   1292.06402 (13040307)   1202.03046 (17112408)   1183.95382 (14012908)
1067.43717 (14012908)
 4190985.2 | 1270.86401 (13040307)   1360.05926 (13040307)   1234.60615 (17112408)   1240.50271 (17112408)
1138.51701 (14012908)
 4190965.2 | 1263.45470 (13040307)   1427.69595 (13040307)   1320.60223 (13040307)   1301.66482 (17112408)
1209.29390 (14012908)
 4190945.2 | 1225.75528 (13040307)   1491.92080 (13040307)   1412.41825 (13040307)   1365.85644 (17112408)
1283.27440 (14012908)
 4190925.2 | 1144.57203 (13040307)   1552.06552 (13040307)   1504.87694 (13040307)   1433.41865 (17112408)
1361.97572 (14012908)
 4190905.2 | 1073.46977 (13012409)   1618.96834 (13040307)   1601.42768 (13040307)   1503.68662 (17112408)
1445.65807 (14012908)
 4190885.2 | 1314.05708 (13012409)   1680.35355 (13040307)   1703.17267 (13040307)   1577.41146 (17112408)
1534.64816 (14012908)
 4190865.2 | 1571.81539 (13012409)   1713.46990 (13040307)   1814.60355 (13040307)   1679.05278 (13040307)
1630.71107 (14012908)

 4190845.2 | 1756.75604 (13012409)   1654.74121 (13040307)   1945.87406 (13040307)   1814.17334 (13040307)
1736.13264 (14012908)

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: SEAPM
***
                                INCLUDING SOURCE(S):   SEAPM   ,

                                 *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                      ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560017.30   560037.30   560057.30   560077.30
560097.30
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 4190825.2 | 1743.77950 (13012409)   1897.23960 (13012409)   2132.44172 (13040307)   1962.60746 (13040307)
1853.35805 (14012908)
 4190805.2 | 1657.79800 (16121207)   2338.06034 (13012409)   2472.48098 (13040307)   2128.57520 (13040307)
1986.71343 (14012908)
 4190785.2 | 1708.17266 (13011808)   2269.25950 (13012409)   2953.44730 (13040307)   2317.58315 (13040307)
2141.44275 (14012908)
 4190765.2 | 1799.68278 (13032907)   2048.24406 (16121207)   2974.44754 (13012409)   2534.62633 (13040307)
2329.28779 (17112408)
 4190745.2 | 1788.45359 (13032907)   2192.72927 (13011808)   3226.35239 (13012409)   2785.85067 (13040307)
2584.63899 (13040307)
 4190725.2 | 1627.54766 (13032907)   2157.68236 (13032907)   2932.88504 (13011808)   3149.23840 (13040307)
2923.88288 (13040307)
 4190705.2 | 1573.75703 (13112607)   1952.34042 (13032907)   2814.93095 (13011808)   3531.09020 (13040307)
3335.64837 (13040307)
 4190685.2 | 1511.89307 (13112607)   1820.78141 (13112607)   2475.87807 (13032907)   4058.18016 (13012409)
3477.66312 (13040307)
 4190665.2 | 1423.30425 (13112607)   1727.83691 (13112607)   2211.05679 (13112607)   3806.09945 (13011808)
3261.62560 (13040307)
 4190645.2 | 1341.41793 (13011907)   1609.02099 (13112607)   2056.09546 (13112607)   3074.64609 (13011808)
3077.37207 (13011808)

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: SEAPM
***
                                INCLUDING SOURCE(S):   SEAPM   ,

                                 *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                      ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560117.30   560137.30   560157.30   560177.30
560197.30
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 4191625.2 | 440.38828 (15011607)   394.57614 (13011807)   412.11783 (13011807)   396.94977 (13011807)
352.50375 (13011807)
 4191605.2 | 450.76937 (15011607)   403.77135 (13011807)   421.41843 (13011807)   405.01856 (13011807)

358.34562 (13011807)
 4191585.2 | 461.49954 (15011607)   413.32133 (13011807)   431.07993 (13011807)   413.40504 (13011807)
364.36880 (13011807)
 4191565.2 | 471.73461 (15011607)   422.76055 (13011807)   440.59789 (13011807)   421.60509 (13011807)
370.37161 (13011807)
 4191545.2 | 483.36671 (15011607)   432.96633 (13011807)   450.72136 (13011807)   430.29262 (13011807)
376.62917 (13011807)
 4191525.2 | 496.01785 (15011607)   444.01802 (13011807)   461.64116 (13011807)   439.65493 (13011807)
383.21477 (13011807)
 4191505.2 | 508.32816 (15011607)   455.55021 (13011807)   473.74778 (13011807)   450.07061 (13011807)
390.41450 (13011807)
 4191485.2 | 521.99663 (15011607)   467.53692 (13011807)   485.77661 (13011807)   460.29571 (13011807)
398.02552 (14012008)
 4191465.2 | 535.45155 (15011607)   479.79015 (13011807)   497.99281 (13011807)   470.60320 (13011807)
414.24691 (14012008)
 4191445.2 | 549.22397 (15011607)   492.53892 (13011807)   510.72606 (13011807)   481.27342 (13011807)
431.07565 (14012008)
 4191425.2 | 563.53014 (15011607)   505.79262 (13011807)   523.98252 (13011807)   492.40778 (13011807)
448.61245 (14012008)
 4191405.2 | 578.38588 (15011607)   519.72149 (13011807)   537.87904 (13011807)   503.96619 (13011807)
466.89371 (14012008)
 4191385.2 | 593.78378 (15011607)   534.28293 (13011807)   552.38593 (13011807)   515.96496 (13011807)
485.78874 (14012008)
 4191365.2 | 609.80798 (15011607)   549.57272 (13011807)   567.54899 (13011807)   528.45972 (13011807)
505.54705 (14012008)
 4191345.2 | 626.51230 (15011607)   565.49150 (13011807)   583.38786 (13011807)   541.48377 (13011807)
525.92674 (14012008)
 4191325.2 | 643.81672 (15011607)   582.32099 (13011807)   600.05562 (13011807)   555.11263 (13011807)
547.05902 (14012008)
 4191305.2 | 661.90981 (15011607)   600.79310 (15011607)   617.48176 (13011807)   569.16618 (13011807)
569.10468 (14012008)
 4191285.2 | 680.70359 (15011607)   620.25511 (15011607)   635.78366 (13011807)   584.00259 (13011807)
591.83958 (14012008)
 4191265.2 | 700.37083 (15011607)   640.72847 (15011607)   654.94296 (13011807)   599.39558 (13011807)
615.45550 (14012008)
 4191245.2 | 720.85115 (15011607)   662.14915 (15011607)   675.24983 (13011807)   615.57353 (13011807)
639.89033 (14012008)
 4191225.2 | 742.26122 (15011607)   684.76065 (15011607)   696.61190 (13011807)   632.35051 (13011807)
665.19523 (14012008)
 4191205.2 | 764.62949 (15011607)   708.52354 (15011607)   719.15240 (13011807)   650.09714 (13011807)
691.24039 (14012008)
 4191185.2 | 788.09340 (15011607)   733.58224 (15011607)   742.78830 (13011807)   668.66614 (13011807)
718.17954 (14012008)
 4191165.2 | 812.71390 (15011607)   759.97186 (15011607)   768.01215 (13011807)   688.23411 (13011807)
745.94213 (14012008)
 4191145.2 | 838.55140 (15011607)   787.86635 (15011607)   794.55912 (13011807)   708.79939 (13011807)
774.61050 (14012008)
 4191125.2 | 865.78771 (15011607)   817.33223 (15011607)   822.88108 (13011807)   733.36183 (14012008)
804.01081 (14012008)
 4191105.2 | 894.52275 (15011607)   848.55803 (15011607)   852.88449 (13011807)   769.96720 (14012008)
834.20741 (14012008)
 4191085.2 | 924.79659 (15011607)   881.67032 (15011607)   884.80588 (13011807)   808.66363 (14012008)
865.28021 (14012008)
 4191065.2 | 956.93130 (15011607)   916.80350 (15011607)   918.90627 (13011807)   849.30625 (14012008)
897.14971 (14012008)
 4191045.2 | 991.10777 (15011607)   954.18823 (15011607)   955.39778 (13011807)   892.01394 (14012008)
929.77309 (14012008)
 4191025.2 | 1027.90983 (15011607)   994.03249 (15011607)   994.46668 (13011807)   937.10196 (14012008)
963.24308 (14012008)
 4191005.2 | 1067.14595 (15011607)   1036.59953 (15011607)   1036.48892 (13011807)   984.54122 (14012008)
997.53020 (14012008)
 4190985.2 | 1109.11226 (15011607)   1082.23156 (15011607)   1081.77830 (13011807)   1034.51590 (14012008)
1032.64915 (14012008)
 4190965.2 | 1153.81344 (15011607)   1134.23042 (13011807)   1130.73457 (13011807)   1087.38359 (14012008)
1069.21740 (14012008)
 4190945.2 | 1199.28214 (15011607)   1190.23438 (13011807)   1184.05954 (13011807)   1143.67681 (14012008)
1105.41901 (14012008)
 4190925.2 | 1246.58168 (15011607)   1248.17582 (13011807)   1237.39898 (13011807)   1197.40480 (14012008)
1138.30451 (14012008)

 4190905.2 | 1304.09836 (15011607)   1315.74085 (13011807)   1300.14639 (13011807)   1260.12736 (14012008)
1176.52611 (14012008)
 4190885.2 | 1367.67788 (15011607)   1391.92808 (13011807)   1371.25218 (13011807)   1328.23544 (14012008)
1217.14533 (14012008)
 4190865.2 | 1447.75516 (14012908)   1476.67070 (13011807)   1450.94919 (13011807)   1401.71753 (14012008)
1259.48951 (14012008)
 4190845.2 | 1565.24941 (14012908)   1566.99398 (13011807)   1533.49072 (13011807)   1484.32164 (14012008)
1302.75836 (14012008)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: SEAPM
***
                                INCLUDING SOURCE(S):   SEAPM   ,

                                 *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                      ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560117.30   560137.30   560157.30   560177.30
560197.30
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 4190825.2 | 1692.02586 (14012908)   1673.21750 (13011807)   1631.71386 (13011807)   1573.19118 (14012008)
1357.77302 (14112517)
 4190805.2 | 1831.62272 (14012908)   1797.60648 (13011807)   1745.80132 (13011807)   1669.74696 (14012008)
1489.48194 (14112517)
 4190785.2 | 1989.24368 (14012908)   1938.31851 (13011807)   1873.38196 (13011807)   1776.69544 (14012008)
1631.92405 (14112517)
 4190765.2 | 2173.31043 (14012908)   2105.16897 (13011807)   2022.88001 (13011807)   1897.93047 (14012008)
1785.41097 (14112517)
 4190745.2 | 2395.75825 (14012908)   2308.13437 (13011807)   2202.10637 (13011807)   2038.14608 (14012008)
1948.42856 (14112517)
 4190725.2 | 2674.53117 (14012908)   2564.06287 (13011807)   2423.07646 (13011807)   2204.34305 (14012008)
2115.55073 (14112517)
 4190705.2 | 3035.06571 (14012908)   2904.01429 (13011807)   2707.47854 (13011807)   2408.70033 (14012008)
2279.34488 (14112517)
 4190685.2 | 3440.09753 (14012908)   3390.74562 (13011807)   3099.88911 (13011807)   2679.80088 (14112517)
2417.80307 (14112517)
 4190665.2 | 3364.42249 (14012908)   3945.44562 (13011807)   3706.91870 (13011807)   3121.23572 (14112517)
2527.81453 (14112517)
 4190645.2 | 3177.70496 (14012908)   3775.04072 (13011807)   4223.69832 (13011807)   3631.04834 (14112517)
2633.48837 (14112517)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: SEAPM
***
                                INCLUDING SOURCE(S):   SEAPM   ,

                                 *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                      ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560217.30   560237.30   560257.30   560277.30
560297.30

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 4191625.2 |    363.26250 (14012008)    404.15584 (14012008)    413.03159 (14012008)    401.44237 (15010517)
370.31571 (15010517)
 4191605.2 |    375.98371 (14012008)    415.26117 (14012008)    420.77878 (14012008)    407.90083 (15010517)
370.39326 (15010517)
 4191585.2 |    388.93832 (14012008)    426.52981 (14012008)    428.33396 (14012008)    413.81844 (15010517)
369.60431 (15010517)
 4191565.2 |    402.34299 (14012008)    437.83454 (14012008)    435.68671 (14012008)    419.20263 (15010517)
368.10056 (15010517)
 4191545.2 |    416.19144 (14012008)    449.30600 (14012008)    442.76981 (14012008)    423.85608 (15010517)
365.62274 (15010517)
 4191525.2 |    430.36068 (14012008)    460.92771 (14012008)    449.77918 (14012008)    427.85586 (15010517)
362.38750 (15010517)
 4191505.2 |    445.39761 (14012008)    473.00950 (14012008)    456.79126 (14012008)    431.67286 (15010517)
358.25291 (15010517)
 4191485.2 |    460.33912 (14012008)    484.55030 (14012008)    464.75736 (15010517)    434.30113 (15010517)
353.25667 (15010517)
 4191465.2 |    475.59098 (14012008)    496.16789 (14012008)    474.36453 (15010517)    435.74284 (15010517)
347.17130 (15010517)
 4191445.2 |    491.24930 (14012008)    507.63860 (14012008)    483.40501 (15010517)    436.53120 (15010517)
340.30227 (15010517)
 4191425.2 |    507.28945 (14012008)    519.14234 (14012008)    491.76071 (15010517)    435.94537 (15010517)
344.85648 (15112108)
 4191405.2 |    523.60391 (14012008)    530.48914 (14012008)    499.49028 (15010517)    434.34160 (15010517)
371.01705 (15112108)
 4191385.2 |    540.35987 (14012008)    541.57574 (14012008)    506.41658 (15010517)    431.54450 (15010517)
397.46296 (15112108)
 4191365.2 |    557.30564 (14012008)    552.55776 (14012008)    512.46669 (15010517)    427.67805 (15010517)
424.12982 (15112108)
 4191345.2 |    574.56267 (14012008)    563.16053 (14012008)    517.51019 (15010517)    422.58314 (15010517)
450.91539 (15112108)
 4191325.2 |    592.13875 (14012008)    573.38402 (14012008)    521.57026 (15010517)    416.27109 (15010517)
477.49872 (15112108)
 4191305.2 |    609.82740 (14012008)    583.33600 (14012008)    524.36533 (15010517)    424.13035 (15112108)
503.54505 (15112108)
 4191285.2 |    627.78911 (14012008)    592.66279 (14012008)    525.98720 (15010517)    455.09639 (15112108)
528.67057 (15112108)
 4191265.2 |    645.79546 (14012008)    601.56974 (14012008)    526.20907 (15010517)    486.43085 (15112108)
552.48722 (15112108)
 4191245.2 |    663.96869 (14012008)    610.15849 (15010517)    525.01535 (15010517)    517.91993 (15112108)
577.27774 (14112517)
 4191225.2 |    682.17717 (14012008)    621.05588 (15010517)    522.29372 (15010517)    549.14582 (15112108)
615.30652 (14112517)
 4191205.2 |    700.34319 (14012008)    630.85469 (15010517)    518.02172 (15010517)    579.80981 (15112108)
652.47490 (14112517)
 4191185.2 |    718.40045 (14012008)    639.55200 (15010517)    528.27459 (15112108)    609.40068 (15112108)
688.25926 (14112517)
 4191165.2 |    736.40276 (14012008)    646.86633 (15010517)    565.66264 (15112108)    648.34023 (14112517)
721.82506 (14112517)
 4191145.2 |    754.02615 (14012008)    652.72230 (15010517)    603.33106 (15112108)    693.18830 (14112517)
752.51906 (14112517)
 4191125.2 |    771.44506 (14012008)    656.97814 (15010517)    640.97163 (15112108)    737.39832 (14112517)
779.45445 (14112517)
 4191105.2 |    788.45278 (14012008)    659.38450 (15010517)    683.47410 (14112517)    780.22641 (14112517)
801.60238 (14112517)
 4191085.2 |    804.86740 (14012008)    659.81863 (15010517)    737.07991 (14112517)    820.91545 (14112517)
817.98710 (14112517)
 4191065.2 |    820.82738 (14012008)    669.86285 (15112108)    791.12005 (14112517)    858.36163 (14112517)
827.69937 (14112517)
 4191045.2 |    835.85709 (14012008)    722.38332 (14112517)    844.94053 (14112517)    891.48161 (14112517)
829.65096 (14112517)
 4191025.2 |    850.25684 (14012008)    786.19964 (14112517)    897.77062 (14112517)    919.15242 (14112517)
822.91520 (14112517)
 4191005.2 |    863.41424 (14012008)    851.71920 (14112517)    948.56373 (14112517)    939.79951 (14112517)
807.40220 (14112517)
 4190985.2 |    875.63153 (14012008)    919.08390 (14112517)    996.51152 (14112517)    952.58727 (14112517)
781.63729 (14112517)
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 4190965.2 | 886.41246 (14012008)   985.19484 (14112517)   1037.15956 (14112517)   952.41773 (14112517)
780.31451 (15021907)
 4190945.2 | 921.42677 (14112517)   1048.54271 (14112517)   1068.71358 (14112517)   940.64739 (14112517)
837.03111 (15021907)
 4190925.2 | 999.85037 (14112517)   1113.49413 (14112517)   1095.66166 (14112517)   920.25855 (14112517)
888.38135 (15021907)
 4190905.2 | 1086.78045 (14112517)   1182.51477 (14112517)   1117.79010 (14112517)   907.72723 (15021907)
933.89562 (15021907)
 4190885.2 | 1180.53688 (14112517)   1243.42519 (14112517)   1123.26146 (14112517)   974.40804 (15021907)
963.72713 (15021907)
 4190865.2 | 1277.48286 (14112517)   1294.92157 (14112517)   1112.95973 (14112517)   1030.12699 (15021907)
980.34999 (13121308)
 4190845.2 | 1372.10227 (14112517)   1334.62822 (14112517)   1087.69237 (14112517)   1072.05348 (15021907)
1014.98647 (13121308)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: SEAPM
***
                                INCLUDING SOURCE(S):   SEAPM   ,

                                 *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                      ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560217.30   560237.30   560257.30   560277.30
560297.30
 -
- - - - - - - -

 4190825.2 | 1466.00087 (14112517)   1359.74380 (14112517)   1148.04119 (15021907)   1097.60844 (15021907)
1033.91684 (13121308)
 4190805.2 | 1555.76534 (14112517)   1367.59705 (14112517)   1207.61609 (15021907)   1132.95935 (13121308)
1039.88966 (15010507)
 4190785.2 | 1636.12394 (14112517)   1356.66188 (14112517)   1250.73104 (15021907)   1161.00294 (13121308)
1072.51297 (15010507)
 4190765.2 | 1700.87016 (14112517)   1389.99615 (15021907)   1288.68997 (13121308)   1176.44769 (15010507)
1087.77030 (15010507)
 4190745.2 | 1745.65975 (14112517)   1454.46610 (15021907)   1324.06414 (13121308)   1210.28541 (15010507)
1108.81230 (15012009)
 4190725.2 | 1765.69369 (14112517)   1501.66724 (13121308)   1354.98501 (15010507)   1229.78359 (15010507)
1148.55937 (15012009)
 4190705.2 | 1768.23102 (14112517)   1555.82627 (13121308)   1396.57072 (15010507)   1266.27103 (15012009)
1185.46107 (15012009)
 4190685.2 | 1832.65423 (15021907)   1609.63971 (15010507)   1427.13162 (15010507)   1311.21080 (15012009)
1223.82294 (15012009)
 4190665.2 | 1921.16883 (15010507)   1673.05900 (15010507)   1477.83847 (15012009)   1358.62572 (15012009)
1262.30849 (15012009)
 4190645.2 | 2032.41157 (15010507)   1728.16407 (15010507)   1539.19229 (15012009)   1408.04735 (15012009)
1289.74776 (15012009)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: SEAPM
***
                                INCLUDING SOURCE(S):   SEAPM   ,

                                 *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 560317.30	560337.30	560357.30	560377.30	560397.30
4191625.2	301.62090 (15010517)	272.82465 (15112108)	333.77834 (15112108)	372.94920 (15112108)	383.18740 (14112517)
4191605.2	296.02330 (15010517)	292.09778 (15112108)	351.12690 (15112108)	384.79529 (15112108)	402.11808 (14112517)
4191585.2	289.79068 (15010517)	311.76594 (15112108)	367.45121 (15112108)	394.92750 (15112108)	420.21998 (14112517)
4191565.2	282.78600 (15010517)	331.89987 (15112108)	383.76218 (15112108)	403.17418 (15112108)	436.72239 (14112517)
4191545.2	283.32563 (15112108)	352.01994 (15112108)	399.04192 (15112108)	415.40221 (14112517)	451.46290 (14112517)
4191525.2	304.95159 (15112108)	372.06953 (15112108)	413.19277 (15112108)	436.59728 (14112517)	464.79338 (14112517)
4191505.2	327.20577 (15112108)	391.83228 (15112108)	425.86397 (15112108)	456.80568 (14112517)	475.97826 (14112517)
4191485.2	349.94578 (15112108)	410.90180 (15112108)	436.79477 (15112108)	475.71002 (14112517)	484.59854 (14112517)
4191465.2	372.92103 (15112108)	429.10511 (15112108)	453.39357 (14112517)	492.74884 (14112517)	490.37648 (14112517)
4191445.2	396.02308 (15112108)	446.17370 (15112108)	477.39673 (14112517)	507.73360 (14112517)	492.98351 (14112517)
4191425.2	419.24182 (15112108)	461.76334 (15112108)	500.35315 (14112517)	520.09088 (14112517)	492.18447 (14112517)
4191405.2	442.20113 (15112108)	475.64419 (15112108)	521.82873 (14112517)	529.63777 (14112517)	487.73030 (14112517)
4191385.2	464.54147 (15112108)	499.05113 (14112517)	542.34029 (14112517)	536.75538 (14112517)	480.31557 (14112517)
4191365.2	485.04821 (15112108)	526.43071 (14112517)	559.11866 (14112517)	539.27858 (14112517)	468.61378 (14112517)
4191345.2	504.33041 (15112108)	552.74283 (14112517)	573.02954 (14112517)	537.50599 (14112517)	452.54554 (14112517)
4191325.2	521.79615 (15112108)	577.26275 (14112517)	583.52105 (14112517)	531.63496 (14112517)	432.89387 (14112517)
4191305.2	551.69790 (14112517)	599.52943 (14112517)	590.11683 (14112517)	521.33642 (14112517)	409.75677 (14112517)
4191285.2	583.55920 (14112517)	618.89700 (14112517)	592.30276 (14112517)	506.54614 (14112517)	383.44508 (14112517)
4191265.2	613.95756 (14112517)	634.72080 (14112517)	589.70914 (14112517)	487.22844 (14112517)	418.29054 (15021907)
4191245.2	642.49229 (14112517)	646.60204 (14112517)	582.02236 (14112517)	463.49525 (14112517)	457.44395 (15021907)
4191225.2	668.29412 (14112517)	653.74736 (14112517)	569.05182 (14112517)	435.77329 (14112517)	495.13216 (15021907)
4191205.2	690.80853 (14112517)	655.69923 (14112517)	550.75326 (14112517)	469.79822 (15021907)	530.36277 (15021907)
4191185.2	709.30886 (14112517)	651.92819 (14112517)	527.16140 (14112517)	511.90430 (15021907)	561.75136 (15021907)
4191165.2	723.05405 (14112517)	642.05910 (14112517)	498.52316 (14112517)	551.92069 (15021907)	588.19680 (15021907)
4191145.2	731.17447 (14112517)	625.85989 (14112517)	529.42174 (15021907)	588.64049 (15021907)	608.04442 (15021907)
4191125.2	732.99339 (14112517)	603.26303 (14112517)	574.74104 (15021907)	620.52794 (15021907)	619.98120 (15021907)
4191105.2	727.85813 (14112517)	574.26983 (14112517)	617.23305 (15021907)	646.18340 (15021907)	625.41021 (13121417)
4191085.2	715.26471 (14112517)	599.16363 (15021907)	655.40429 (15021907)	663.71970 (15021907)	636.68617 (13121308)
4191065.2	694.99299 (14112517)	648.11194 (15021907)	687.51441 (15021907)	671.70554 (15021907)	659.00495 (13121308)
4191045.2	666.80558 (14112517)	693.37364 (15021907)	711.67695 (15021907)	679.18448 (13121308)	671.13810 (13121308)

 4191025.2 | 682.04748 (15021907)   733.00425 (15021907)   725.94430 (15021907)   705.16604 (13121308)
671.61492 (13121308)
 4191005.2 | 735.81290 (15021907)   765.27177 (15021907)   731.64567 (13121417)   720.67686 (13121308)
658.74004 (13121308)
 4190985.2 | 783.59830 (15021907)   786.53205 (15021907)   758.03973 (13121308)   721.77604 (13121308)
672.32417 (15010507)
 4190965.2 | 822.18054 (15021907)   794.15369 (15021907)   774.85075 (13121308)   709.26875 (13121308)
693.52201 (15010507)
 4190945.2 | 851.15707 (15021907)   815.78400 (13121308)   778.80368 (13121308)   729.30863 (15010507)
702.15260 (15010507)
 4190925.2 | 869.15588 (15021907)   838.60627 (13121308)   769.02200 (13121308)   749.25335 (15010507)
696.77965 (15010507)
 4190905.2 | 891.29536 (13121308)   850.57749 (13121308)   796.07673 (15010507)   756.50373 (15010507)
675.97335 (15010507)
 4190885.2 | 920.54800 (13121308)   844.34867 (13121308)   814.90558 (15010507)   746.97655 (15010507)
689.24348 (15012009)
 4190865.2 | 933.76955 (13121308)   872.47943 (15010507)   817.95627 (15010507)   724.43856 (15012009)
749.78288 (15012009)
 4190845.2 | 930.72303 (15010507)   889.38080 (15010507)   803.73345 (15010507)   791.25985 (15012009)
789.02436 (15012009)

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: SEAPM
***
                               INCLUDING SOURCE(S):   SEAPM   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560317.30   560337.30   560357.30   560377.30
560397.30
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 4190825.2 | 962.76267 (15010507)   890.08281 (15010507)   840.21795 (15012009)   834.97126 (15012009)
814.86690 (15012009)
 4190805.2 | 978.63026 (15010507)   895.28644 (15012009)   886.18452 (15012009)   860.96067 (15012009)
833.54814 (15012009)
 4190785.2 | 976.86757 (15010507)   947.20474 (15012009)   915.18947 (15012009)   882.52607 (15012009)
849.52793 (15012009)
 4190765.2 | 1020.01808 (15012009)   978.90611 (15012009)   939.29057 (15012009)   901.84804 (15012009)
854.86025 (15012009)
 4190745.2 | 1055.18733 (15012009)   1006.13368 (15012009)   962.15409 (15012009)   912.75877 (15012009)
828.51369 (15012009)
 4190725.2 | 1086.47724 (15012009)   1033.08714 (15012009)   978.98268 (15012009)   894.44737 (15012009)
767.22970 (14012907)
 4190705.2 | 1118.42024 (15012009)   1056.24117 (15012009)   970.02724 (15012009)   818.26193 (14012907)
782.54693 (14012907)
 4190685.2 | 1148.54852 (15012009)   1057.91195 (15012009)   888.88618 (15012009)   835.28717 (14012907)
786.03084 (14121317)
 4190665.2 | 1162.23677 (15012009)   987.52602 (15012009)   897.52186 (14012907)   849.23077 (14121317)
810.84871 (14121317)
 4190645.2 | 1106.79869 (15012009)   975.44861 (14121317)   920.90595 (14121317)   874.12754 (14121317)
833.46782 (14121317)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SEAPM ***

INCLUDING SOURCE(S): SEAPM ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	560417.30	560437.30	560457.30	560477.30	560497.30
4191625.2	416.32380 (14112517)	418.12864 (14112517)	386.72439 (14112517)	328.16207 (14112517)	268.04491 (16112517)
4191605.2	428.45509 (14112517)	421.11731 (14112517)	380.24771 (14112517)	314.28573 (14112517)	269.86298 (16112517)
4191585.2	438.70648 (14112517)	421.58337 (14112517)	371.28089 (14112517)	298.57616 (14112517)	268.94885 (16112517)
4191565.2	446.47786 (14112517)	419.00931 (14112517)	359.61612 (14112517)	283.10329 (16112517)	264.94397 (16112517)
4191545.2	451.41610 (14112517)	413.43382 (14112517)	345.31755 (14112517)	285.17437 (16112517)	269.48974 (15021907)
4191525.2	454.21007 (14112517)	405.45505 (14112517)	329.15681 (14112517)	284.66728 (16112517)	296.32954 (15021907)
4191505.2	454.07056 (14112517)	394.58760 (14112517)	310.88716 (14112517)	280.95539 (16112517)	323.28882 (15021907)
4191485.2	450.78389 (14112517)	380.90517 (14112517)	302.69470 (16112517)	298.15871 (15021907)	349.63708 (15021907)
4191465.2	444.29813 (14112517)	364.48836 (14112517)	302.66065 (16112517)	327.11436 (15021907)	374.71596 (15021907)
4191445.2	434.47148 (14112517)	345.59872 (14112517)	299.58113 (15021907)	355.75834 (15021907)	397.30914 (15021907)
4191425.2	421.34581 (14112517)	324.41250 (14112517)	330.60644 (15021907)	383.26433 (15021907)	417.08728 (15021907)
4191405.2	404.98007 (14112517)	322.78060 (16112517)	361.71016 (15021907)	408.99686 (15021907)	433.24583 (15021907)
4191385.2	386.14490 (14112517)	333.99698 (15021907)	391.91562 (15021907)	431.92430 (15021907)	444.85163 (15021907)
4191365.2	364.12264 (14112517)	368.00570 (15021907)	421.12257 (15021907)	451.65410 (15021907)	451.43661 (15021907)
4191345.2	346.23980 (16112517)	401.41621 (15021907)	447.81862 (15021907)	466.91687 (15021907)	457.24467 (13121417)
4191325.2	373.47228 (15021907)	433.43106 (15021907)	470.08886 (15021907)	475.86400 (15021907)	463.68370 (13121417)
4191305.2	409.86163 (15021907)	463.31595 (15021907)	488.50661 (15021907)	478.89687 (15021907)	464.57896 (13121308)
4191285.2	445.31918 (15021907)	490.00741 (15021907)	502.04723 (15021907)	488.34065 (13121417)	481.59961 (13121308)
4191265.2	478.99068 (15021907)	512.31122 (15021907)	508.86431 (15021907)	490.88623 (13121417)	492.01621 (13121308)
4191245.2	509.70950 (15021907)	529.20492 (15021907)	515.90220 (13121417)	507.30755 (13121308)	495.15709 (13121308)
4191225.2	536.44555 (15021907)	539.66040 (15021907)	521.14416 (13121417)	519.90435 (13121308)	490.13981 (13121308)
4191205.2	557.83569 (15021907)	544.30233 (13121417)	535.08438 (13121308)	524.13657 (13121308)	476.01636 (13121308)
4191185.2	572.66453 (15021907)	552.85847 (13121417)	549.29315 (13121308)	519.22551 (13121308)	466.78305 (15010507)
4191165.2	579.77604 (15021907)	565.41610 (13121308)	554.95248 (13121308)	504.70089 (13121308)	490.91448 (15010507)
4191145.2	587.47225 (13121417)	581.88207 (13121308)	551.00236 (13121308)	500.26223 (15010507)	507.99074 (15010507)
4191125.2	599.02175 (13121308)	589.39070 (13121308)	536.64920 (13121308)	524.24479 (15010507)	516.60049 (15010507)
4191105.2	618.27681 (13121308)	586.52994 (13121308)	537.06948 (15010507)	540.17492 (15010507)	515.80363 (15010507)

 4191085.2 | 627.84251 (13121308)   572.34727 (13121308)   560.72286 (15010507)   546.82122 (15010507)
504.72184 (15010507)
 4191065.2 | 626.39900 (13121308)   577.73773 (15010507)   575.33615 (15010507)   543.05821 (15010507)
482.98933 (15010507)
 4191045.2 | 612.71013 (13121308)   600.84849 (15010507)   579.60601 (15010507)   527.79210 (15010507)
450.43976 (15010507)
 4191025.2 | 623.07383 (15010507)   613.90179 (15010507)   572.19241 (15010507)   500.82070 (15010507)
480.71073 (15020708)
 4191005.2 | 645.00708 (15010507)   614.84596 (15010507)   551.86562 (15010507)   493.09257 (15020708)
523.90106 (15020708)
 4190985.2 | 655.08942 (15010507)   602.59823 (15010507)   518.47277 (15010507)   539.37196 (15020708)
559.86388 (15012009)
 4190965.2 | 653.11399 (15010507)   577.24760 (15010507)   556.99955 (15020708)   580.07385 (15012009)
600.38990 (15012009)
 4190945.2 | 637.32259 (15010507)   577.67237 (15020708)   603.87244 (15012009)   625.03362 (15012009)
629.47978 (15012009)
 4190925.2 | 606.30074 (15010507)   630.36004 (15012009)   652.42380 (15012009)   656.14175 (15012009)
648.77631 (15012009)
 4190905.2 | 657.86715 (15012009)   681.18613 (15012009)   683.99741 (15012009)   675.25033 (15012009)
659.28621 (15012009)
 4190885.2 | 713.39473 (15012009)   714.98645 (15012009)   704.43617 (15012009)   687.51696 (15012009)
660.34951 (15012009)
 4190865.2 | 749.71612 (15012009)   736.79688 (15012009)   718.39065 (15012009)   691.40109 (15012009)
642.83956 (15012009)
 4190845.2 | 773.00561 (15012009)   752.47723 (15012009)   725.42596 (15012009)   678.32975 (15012009)
592.93240 (15012009)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: SEAPM
***
                                INCLUDING SOURCE(S):   SEAPM   ,

                                 *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                      ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560417.30   560437.30   560457.30   560477.30
560497.30
 -
- - - - - - - -

 4190825.2 | 791.31117 (15012009)   762.96904 (15012009)   716.39002 (15012009)   630.59690 (15012009)
592.76086 (14012907)
 4190805.2 | 803.50006 (15012009)   757.52961 (15012009)   672.14611 (15012009)   620.23157 (14012907)
603.75870 (14012907)
 4190785.2 | 803.57579 (15012009)   718.58148 (15012009)   650.64055 (14012907)   631.62138 (14012907)
607.99340 (14012907)
 4190765.2 | 770.32146 (15012009)   684.66764 (14012907)   662.68250 (14012907)   635.19817 (14012907)
592.76836 (14012907)
 4190745.2 | 723.17970 (14012907)   697.56833 (14012907)   665.36882 (14012907)   614.98136 (14012907)
573.72026 (14121317)
 4190725.2 | 737.14714 (14012907)   699.06602 (14012907)   642.29840 (14121317)   630.76650 (14121317)
617.64855 (14121317)
 4190705.2 | 737.03194 (14012907)   701.43359 (14121317)   680.47094 (14121317)   660.33545 (14121317)
641.32989 (14121317)
 4190685.2 | 755.27950 (14121317)   727.34840 (14121317)   702.00695 (14121317)   678.95709 (14121317)
657.83293 (14121317)
 4190665.2 | 777.00199 (14121317)   746.88015 (14121317)   719.79451 (14121317)   695.02098 (14121317)
671.67735 (14121317)
 4190645.2 | 797.66230 (14121317)   765.54773 (14121317)   735.82987 (14121317)   706.92984 (14121317)
677.12797 (14121317)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: SEAPM ***

INCLUDING SOURCE(S):   SEAPM   ,

*** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10   IN MICROGRAMS/M**3   **

Y-COORD (METERS)	X-COORD (METERS) 560517.30	560537.30	560557.30	560577.30	560597.30
4191625.2	250.31292 (16112517)	268.32066 (15021907)	309.87804 (15021907)	337.88924 (15021907)	347.06904 (15021907)
4191605.2	244.36784 (15021907)	291.90884 (15021907)	329.57904 (15021907)	350.87559 (15021907)	351.36765 (15021907)
4191585.2	269.37456 (15021907)	314.65937 (15021907)	346.85860 (15021907)	360.22160 (15021907)	354.85636 (13121417)
4191565.2	294.33170 (15021907)	335.84230 (15021907)	361.44275 (15021907)	365.66537 (15021907)	360.98922 (13121417)
4191545.2	318.99077 (15021907)	355.78636 (15021907)	373.49909 (15021907)	367.65785 (15021907)	363.48042 (13121417)
4191525.2	342.96817 (15021907)	373.71784 (15021907)	382.23940 (15021907)	376.60737 (13121417)	361.58730 (13121417)
4191505.2	365.38556 (15021907)	388.13510 (15021907)	386.19683 (15021907)	380.63849 (13121417)	373.98884 (13121308)
4191485.2	385.74336 (15021907)	399.00325 (15021907)	392.43237 (13121417)	379.49228 (13121417)	383.67368 (13121308)
4191465.2	403.12149 (15021907)	405.57024 (15021907)	398.52505 (13121417)	389.53000 (13121308)	388.31506 (13121308)
4191445.2	416.00732 (15021907)	408.92172 (13121417)	398.77013 (13121417)	400.36842 (13121308)	387.42145 (13121308)
4191425.2	424.46354 (15021907)	416.82382 (13121417)	406.57169 (13121308)	406.16797 (13121308)	380.88505 (13121308)
4191405.2	428.21120 (15021907)	419.53654 (13121417)	418.98507 (13121308)	406.09417 (13121308)	368.19855 (13121308)
4191385.2	435.99650 (13121417)	424.35832 (13121308)	425.32087 (13121308)	399.35894 (13121308)	349.31757 (13121308)
4191365.2	440.36518 (13121417)	437.74967 (13121308)	425.32059 (13121308)	385.88101 (13121308)	359.64690 (15010507)
4191345.2	443.58911 (13121308)	445.37798 (13121308)	418.46791 (13121308)	365.69841 (13121308)	378.56405 (15010507)
4191325.2	458.74437 (13121308)	446.35429 (13121308)	404.85084 (13121308)	381.69557 (15010507)	393.05318 (15010507)
4191305.2	467.71178 (13121308)	440.02871 (13121308)	384.19192 (13121308)	400.77443 (15010507)	402.00262 (15010507)
4191285.2	469.53071 (13121308)	426.09473 (13121308)	405.72296 (15010507)	414.56965 (15010507)	404.53519 (15010507)
4191265.2	463.57057 (13121308)	407.74890 (15010507)	424.53439 (15010507)	422.15254 (15010507)	400.21361 (15010507)
4191245.2	449.39131 (13121308)	431.70660 (15010507)	437.47419 (15010507)	422.73003 (15010507)	388.74003 (15010507)
4191225.2	435.72285 (15010507)	450.08363 (15010507)	443.44894 (15010507)	415.79605 (15010507)	370.06488 (15010507)
4191205.2	459.80914 (15010507)	461.89725 (15010507)	441.70348 (15010507)	401.11075 (15010507)	344.66024 (15010507)
4191185.2	477.59636 (15010507)	465.97068 (15010507)	431.79834 (15010507)	378.73753 (15010507)	345.85970 (17031607)
4191165.2	488.06931 (15010507)	461.55402 (15010507)	413.46055 (15010507)	352.83693 (17031607)	354.63120 (17031607)

 4191145.2 | 490.41572 (15010507)   448.39858 (15010507)   386.92835 (15010507)   364.52055 (17031607)
390.62172 (15020708)
 4191125.2 | 482.94883 (15010507)   426.11903 (15010507)   373.98099 (17031607)   396.55751 (15020708)
426.67898 (15020708)
 4191105.2 | 465.59733 (15010507)   395.07049 (15010507)   404.40169 (15020708)   434.60225 (15020708)
454.66772 (15020708)
 4191085.2 | 438.42673 (15010507)   412.99594 (15020708)   447.90225 (15020708)   469.21124 (15020708)
481.29990 (15012009)
 4191065.2 | 420.79803 (15020708)   458.50801 (15020708)   482.57985 (15020708)   495.75377 (15012009)
511.82450 (15012009)
 4191045.2 | 469.31362 (15020708)   495.66270 (15020708)   510.48837 (15012009)   527.36191 (15012009)
531.30224 (15012009)
 4191025.2 | 508.75074 (15020708)   525.14479 (15012009)   543.04858 (15012009)   548.20802 (15012009)
543.50273 (15012009)
 4191005.2 | 541.37223 (15012009)   560.90497 (15012009)   566.36383 (15012009)   561.38622 (15012009)
546.15528 (15012009)
 4190985.2 | 579.68039 (15012009)   586.54523 (15012009)   581.46805 (15012009)   565.87984 (15012009)
535.05089 (15012009)
 4190965.2 | 605.71114 (15012009)   601.87606 (15012009)   586.78983 (15012009)   556.83487 (15012009)
504.32555 (15012009)
 4190945.2 | 623.45308 (15012009)   609.10554 (15012009)   580.04582 (15012009)   528.01659 (15012009)
461.76683 (14012907)
 4190925.2 | 633.34904 (15012009)   604.98487 (15012009)   553.51902 (15012009)   482.76972 (14012907)
483.29056 (14012907)
 4190905.2 | 631.64040 (15012009)   581.04253 (15012009)   504.71153 (14012907)   502.54862 (14012907)
496.61123 (14012907)
 4190885.2 | 610.73275 (15012009)   527.74896 (14012907)   522.84645 (14012907)   514.83887 (14012907)
503.56967 (14012907)
 4190865.2 | 558.10055 (15012009)   544.45130 (14012907)   534.34308 (14012907)   521.21245 (14012907)
501.52621 (14012907)
 4190845.2 | 568.02608 (14012907)   555.86220 (14012907)   540.45689 (14012907)   517.60163 (14012907)
481.86607 (14012907)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: SEAPM
***
                                INCLUDING SOURCE(S):   SEAPM   ,

                                 *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                      ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560517.30   560537.30   560557.30   560577.30
560597.30
 -
- - - - - - - -

 4190825.2 | 578.54374 (14012907)   560.81719 (14012907)   534.37856 (14012907)   493.10977 (14012907)
469.78700 (13011717)
 4190805.2 | 583.31804 (14012907)   552.57594 (14012907)   504.47965 (14012907)   488.52628 (13011717)
478.25588 (13011717)
 4190785.2 | 572.00627 (14012907)   520.31047 (13011717)   508.67341 (13011717)   496.50092 (13011717)
481.59135 (13011717)
 4190765.2 | 543.97904 (13011717)   530.46917 (13011717)   515.71579 (13011717)   514.14445 (14121317)
510.49215 (14121317)
 4190745.2 | 569.59515 (14121317)   562.93740 (14121317)   554.64842 (14121317)   545.41745 (14121317)
535.70202 (14121317)
 4190725.2 | 603.91795 (14121317)   590.14291 (14121317)   576.65502 (14121317)   563.57456 (14121317)
550.86672 (14121317)
 4190705.2 | 623.52806 (14121317)   606.82966 (14121317)   591.02333 (14121317)   575.68017 (14121317)
560.28354 (14121317)
 4190685.2 | 638.17080 (14121317)   619.38430 (14121317)   600.71450 (14121317)   581.24711 (14121317)

559.99268 (14121317)
 4190665.2 | 648.70606 (14121317)   624.85203 (14121317)   598.84801 (14121317)   569.60680 (14121317)
536.51624 (14121317)
 4190645.2 | 644.70133 (14121317)   608.29560 (14121317)   567.22384 (14121317)   521.70224 (14121317)
475.10741 (13010717)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: SEAPM
***
                                INCLUDING SOURCE(S):   SEAPM   ,

                                 *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                      ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560617.30   560637.30   560657.30   560677.30
560697.30
 -
- - - - - - - -

 4191625.2 | 342.72481 (13121417)   334.00156 (13121417)   333.48557 (13121308)   329.88936 (13121308)
308.34843 (13121308)
 4191605.2 | 348.02297 (13121417)   334.53933 (13121308)   340.40838 (13121308)   327.61586 (13121308)
297.27643 (13121308)
 4191585.2 | 347.94442 (13121417)   345.03488 (13121308)   341.91751 (13121308)   319.73359 (13121308)
283.88163 (15020707)
 4191565.2 | 345.56096 (13121308)   351.93396 (13121308)   339.12755 (13121308)   307.72312 (13121308)
283.98183 (15020707)
 4191545.2 | 358.70154 (13121308)   355.74351 (13121308)   332.86949 (13121308)   294.27261 (15020707)
287.30865 (15010507)
 4191525.2 | 368.10342 (13121308)   355.13238 (13121308)   322.13699 (13121308)   296.00900 (15020707)
303.35040 (15010507)
 4191505.2 | 372.02549 (13121308)   348.27125 (13121308)   306.35202 (15020707)   303.56054 (15010507)
315.86782 (15010507)
 4191485.2 | 370.68237 (13121308)   336.15422 (13121308)   306.29794 (15020707)   319.18165 (15010507)
324.55887 (15010507)
 4191465.2 | 363.82433 (13121308)   318.91862 (13121308)   320.41792 (15010507)   331.17860 (15010507)
328.83383 (15010507)
 4191445.2 | 351.28200 (13121308)   319.58696 (15010507)   335.91903 (15010507)   339.13219 (15010507)
328.55459 (15010507)
 4191425.2 | 333.48345 (13121308)   338.65367 (15010507)   347.62530 (15010507)   342.37697 (15010507)
323.26880 (15010507)
 4191405.2 | 339.03132 (15010507)   354.08345 (15010507)   354.64922 (15010507)   340.42279 (15010507)
312.71810 (15010507)
 4191385.2 | 358.10498 (15010507)   364.93655 (15010507)   356.31569 (15010507)   332.95106 (15010507)
297.30751 (15010507)
 4191365.2 | 373.10949 (15010507)   370.68392 (15010507)   352.36719 (15010507)   320.02115 (15010507)
277.28592 (15010507)
 4191345.2 | 383.04148 (15010507)   370.66212 (15010507)   342.59823 (15010507)   301.91770 (15010507)
282.25549 (17031607)
 4191325.2 | 387.28517 (15010507)   364.46126 (15010507)   327.01117 (15010507)   284.72052 (17031607)
294.67954 (17031607)
 4191305.2 | 385.21179 (15010507)   351.99004 (15010507)   305.99732 (15010507)   299.45062 (17031607)
301.75170 (17031607)
 4191285.2 | 376.42596 (15010507)   333.28384 (15010507)   303.06595 (17031607)   308.86103 (17031607)
302.68248 (17031607)
 4191265.2 | 361.07247 (15010507)   309.16340 (15010507)   315.29957 (17031607)   312.55731 (17031607)
328.85128 (15020708)
 4191245.2 | 339.28730 (15010507)   321.13571 (17031607)   321.77948 (17031607)   332.54877 (15020708)
360.60722 (15020708)
 4191225.2 | 326.37652 (17031607)   330.40083 (17031607)   336.32973 (15020708)   366.25947 (15020708)
386.62227 (15020708)

 4191205.2 | 338.38918 (17031607)   340.12906 (15020708)   372.09531 (15020708)   394.20433 (15020708)
405.65396 (15020708)
 4191185.2 | 344.24780 (17031607)   378.05927 (15020708)   402.05764 (15020708)   415.16169 (15020708)
424.34179 (15012009)
 4191165.2 | 384.24118 (15020708)   410.17430 (15020708)   424.93372 (15020708)   434.33515 (15012009)
446.97542 (15012009)
 4191145.2 | 418.64223 (15020708)   435.11119 (15020708)   444.83238 (15012009)   458.26199 (15012009)
460.93091 (15012009)
 4191125.2 | 444.25935 (15020708)   453.20020 (15012009)   468.27897 (15012009)   472.33206 (15012009)
465.15505 (15012009)
 4191105.2 | 462.16369 (15012009)   472.75596 (15012009)   479.91470 (15012009)   475.75576 (15012009)
458.13950 (15012009)
 4191085.2 | 496.62226 (15012009)   500.11056 (15012009)   493.10115 (15012009)   474.67516 (15012009)
440.48614 (15012009)
 4191065.2 | 516.36431 (15012009)   510.34148 (15012009)   491.61261 (15012009)   457.47453 (15012009)
404.86402 (15012009)
 4191045.2 | 525.59435 (15012009)   508.25742 (15012009)   475.00911 (15012009)   422.10885 (15012009)
384.39980 (16120517)
 4191025.2 | 527.31775 (15012009)   494.86592 (15012009)   441.61742 (15012009)   397.44201 (16120517)
396.33898 (14012907)
 4191005.2 | 514.37787 (15012009)   461.01613 (15012009)   409.94377 (16120517)   412.55970 (14012907)
416.58801 (14012907)
 4190985.2 | 481.83959 (15012009)   423.26548 (16120517)   429.34970 (14012907)   431.41712 (14012907)
428.81176 (14012907)
 4190965.2 | 441.25603 (14012907)   446.67039 (14012907)   446.70840 (14012907)   442.36107 (14012907)
433.37400 (14012907)
 4190945.2 | 464.55260 (14012907)   462.55719 (14012907)   456.47617 (14012907)   445.67112 (14012907)
428.11426 (14012907)
 4190925.2 | 479.06922 (14012907)   471.23078 (14012907)   458.51312 (14012907)   438.31015 (14012907)
407.87375 (14012907)
 4190905.2 | 486.82790 (14012907)   472.01360 (14012907)   448.79341 (14012907)   414.09169 (14012907)
399.21191 (13011717)
 4190885.2 | 486.24686 (14012907)   459.52591 (14012907)   419.93744 (14012907)   414.20965 (13011717)
409.08362 (13011717)
 4190865.2 | 470.54103 (14012907)   435.07089 (13011717)   429.28565 (13011717)   422.70584 (13011717)
414.83410 (13011717)
 4190845.2 | 452.11043 (13011717)   444.79856 (13011717)   436.77717 (13011717)   426.98066 (13011717)
413.48046 (13011717)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: SEAPM
***
                               INCLUDING SOURCE(S):   SEAPM   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560617.30   560637.30   560657.30   560677.30
560697.30
 -
- - - - - - - -

 4190825.2 | 461.05285 (13011717)   451.36867 (13011717)   438.97691 (13011717)   421.34329 (13011717)
395.74855 (13011717)
 4190805.2 | 466.39427 (13011717)   450.41121 (13011717)   429.67440 (14121317)   433.16146 (14121317)
434.42716 (14121317)
 4190785.2 | 469.98830 (14121317)   470.22639 (14121317)   468.50232 (14121317)   465.25482 (14121317)
460.90948 (14121317)
 4190765.2 | 505.26099 (14121317)   498.94715 (14121317)   491.92398 (14121317)   484.38558 (14121317)
476.38179 (14121317)
 4190745.2 | 525.79040 (14121317)   515.78389 (14121317)   505.60621 (14121317)   495.05219 (14121317)

483.78993 (14121317)
 4190725.2 | 538.29640 (14121317)   525.51693 (14121317)   512.04864 (14121317)   497.31038 (14121317)
480.78139 (14121317)
 4190705.2 | 544.14963 (14121317)   526.53825 (14121317)   506.77350 (14121317)   484.33282 (14121317)
458.98958 (14121317)
 4190685.2 | 536.12398 (14121317)   509.03289 (14121317)   478.55767 (14121317)   444.92000 (14121317)
414.00862 (13010717)
 4190665.2 | 499.47904 (14121317)   459.04041 (14121317)   430.21835 (13010717)   404.12126 (13010717)
374.76475 (13010717)
 4190645.2 | 445.43270 (13010717)   411.85913 (13010717)   390.82757 (13020407)   381.94636 (13020407)
373.57357 (13020407)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: SEAPM
***
                               INCLUDING SOURCE(S):   SEAPM   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560717.30   560737.30   560757.30   560777.30
560797.30
 -
- - - - - - - -

 4191625.2 | 275.59789 (15020707)   264.64248 (15020707)   273.84978 (15010507)   279.60525 (15010507)
275.35282 (15010507)
 4191605.2 | 276.03488 (15020707)   273.86687 (15010507)   283.84598 (15010507)   283.75012 (15010507)
273.46280 (15010507)
 4191585.2 | 272.06677 (15010507)   286.23473 (15010507)   290.44485 (15010507)   284.29076 (15010507)
267.79099 (15010507)
 4191565.2 | 287.69545 (15010507)   296.30956 (15010507)   293.81563 (15010507)   280.88856 (15010507)
258.34435 (15010507)
 4191545.2 | 300.74277 (15010507)   302.92629 (15010507)   293.67319 (15010507)   273.79176 (15010507)
245.54510 (15010507)
 4191525.2 | 310.36185 (15010507)   305.61208 (15010507)   289.39024 (15010507)   262.96841 (15010507)
229.67865 (15010507)
 4191505.2 | 315.95343 (15010507)   303.75495 (15010507)   280.56323 (15010507)   248.71590 (15010507)
230.18998 (17031607)
 4191485.2 | 317.07036 (15010507)   297.45990 (15010507)   267.71023 (15010507)   230.98668 (15010507)
245.17903 (17031607)
 4191465.2 | 313.50901 (15010507)   286.64842 (15010507)   251.08996 (15010507)   246.78852 (17031607)
256.15228 (17031607)
 4191445.2 | 305.11536 (15010507)   271.48818 (15010507)   247.53326 (17031607)   259.68785 (17031607)
262.19475 (17031607)
 4191425.2 | 292.03968 (15010507)   252.51277 (15010507)   262.12542 (17031607)   267.78079 (17031607)
262.61427 (17031607)
 4191405.2 | 274.61546 (15010507)   263.57834 (17031607)   272.12389 (17031607)   270.53108 (17031607)
256.92320 (17031607)
 4191385.2 | 264.90021 (17031607)   276.13162 (17031607)   277.24446 (17031607)   267.02998 (17031607)
282.48818 (15020708)
 4191365.2 | 279.60537 (17031607)   283.72468 (17031607)   276.55372 (17031607)   284.96472 (15020708)
309.87993 (15020708)
 4191345.2 | 289.51358 (17031607)   285.60371 (17031607)   287.00090 (15020708)   314.24801 (15020708)
333.29805 (15020708)
 4191325.2 | 294.00232 (17031607)   288.99057 (15020708)   317.76195 (15020708)   338.38951 (15020708)
350.22023 (15020708)
 4191305.2 | 292.14157 (17031607)   321.49659 (15020708)   344.15106 (15020708)   356.99997 (15020708)
360.34828 (15020708)
 4191285.2 | 325.14323 (15020708)   349.63387 (15020708)   364.68141 (15020708)   369.00091 (15020708)
379.81268 (15012009)

 4191265.2 | 355.06129 (15020708)   371.61368 (15020708)   377.75248 (15020708)   387.78514 (15012009)
396.36127 (15012009)
 4191245.2 | 379.20418 (15020708)   386.77807 (15020708)   395.71687 (15012009)   405.26276 (15012009)
404.78478 (15012009)
 4191225.2 | 396.43794 (15020708)   405.31141 (15012009)   414.53630 (15012009)   414.79612 (15012009)
404.01071 (15012009)
 4191205.2 | 414.90447 (15012009)   425.84883 (15012009)   426.29880 (15012009)   415.29363 (15012009)
392.58237 (15012009)
 4191185.2 | 436.26753 (15012009)   437.52570 (15012009)   427.56885 (15012009)   404.80241 (15012009)
369.14513 (15012009)
 4191165.2 | 449.22874 (15012009)   439.56710 (15012009)   417.14251 (15012009)   381.46036 (15012009)
332.57538 (15012009)
 4191145.2 | 451.86369 (15012009)   430.68642 (15012009)   394.97039 (15012009)   345.39724 (15012009)
331.09297 (16120517)
 4191125.2 | 444.12763 (15012009)   409.18394 (15012009)   358.66340 (15012009)   340.96692 (16120517)
342.78566 (16120517)
 4191105.2 | 423.39948 (15012009)   372.88859 (15012009)   351.20646 (16120517)   351.95408 (16120517)
347.35446 (16120517)
 4191085.2 | 388.30706 (15012009)   361.43080 (16120517)   361.51883 (16120517)   359.83776 (14012907)
365.59550 (14012907)
 4191065.2 | 373.08247 (16120517)   372.18825 (16120517)   374.04757 (14012907)   378.24122 (14012907)
377.54999 (14012907)
 4191045.2 | 382.79988 (16120517)   388.13585 (14012907)   390.54964 (14012907)   388.27788 (14012907)
380.84099 (14012907)
 4191025.2 | 402.26304 (14012907)   403.07762 (14012907)   399.10271 (14012907)   389.89376 (14012907)
374.28932 (14012907)
 4191005.2 | 415.71376 (14012907)   410.17373 (14012907)   399.12753 (14012907)   381.14352 (14012907)
354.92322 (14012907)
 4190985.2 | 421.57592 (14012907)   408.55878 (14012907)   387.97118 (14012907)   358.47084 (14012907)
339.43061 (13011717)
 4190965.2 | 418.20328 (14012907)   394.72896 (14012907)   361.55386 (14012907)   354.39853 (13011717)
354.77671 (13011717)
 4190945.2 | 401.39638 (14012907)   368.04141 (13011717)   368.62091 (13011717)   367.05449 (13011717)
363.76388 (13011717)
 4190925.2 | 383.93104 (13011717)   382.29860 (13011717)   379.01237 (13011717)   374.18009 (13011717)
367.35705 (13011717)
 4190905.2 | 395.70692 (13011717)   390.87146 (13011717)   384.47342 (13011717)   375.56223 (13011717)
362.68156 (13011717)
 4190885.2 | 402.78357 (13011717)   394.59261 (13011717)   383.04886 (13011717)   366.35799 (13011717)
343.02737 (13011717)
 4190865.2 | 404.37735 (13011717)   389.36407 (13011717)   367.80959 (13011717)   338.47602 (13011717)
337.39636 (14121317)
 4190845.2 | 393.89811 (13011717)   366.21682 (13011717)   366.96146 (14121317)   372.91821 (14121317)
376.93320 (14121317)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: SEAPM
***
                               INCLUDING SOURCE(S):   SEAPM   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560717.30   560737.30   560757.30   560777.30
560797.30
 -
- - - - - - - -

 4190825.2 | 398.82939 (14121317)   402.65907 (14121317)   404.59186 (14121317)   404.93250 (14121317)
403.90360 (14121317)
 4190805.2 | 433.94902 (14121317)   432.06578 (14121317)   429.00990 (14121317)   424.98034 (14121317)

420.02007 (14121317)
 4190785.2 | 455.69030 (14121317)   449.71751 (14121317)   443.01648 (14121317)   435.45735 (14121317)
426.85817 (14121317)
 4190765.2 | 467.81569 (14121317)   458.49277 (14121317)   448.12083 (14121317)   436.39056 (14121317)
422.99647 (14121317)
 4190745.2 | 471.40896 (14121317)   457.49680 (14121317)   441.66270 (14121317)   423.68585 (14121317)
403.46268 (14121317)
 4190725.2 | 461.99818 (14121317)   440.73064 (14121317)   416.91628 (14121317)   390.77345 (14121317)
369.02164 (13010717)
 4190705.2 | 430.78749 (14121317)   400.10648 (14121317)   381.65435 (13010717)   363.18764 (13010717)
342.22416 (13010717)
 4190685.2 | 393.63042 (13010717)   370.35784 (13010717)   344.35489 (13010717)   316.10314 (13010717)
306.92682 (14091907)
 4190665.2 | 343.64948 (13020407)   337.56990 (13020407)   331.74440 (13020407)   326.18288 (13020407)
320.84187 (13020407)
 4190645.2 | 365.68045 (13020407)   358.21366 (13020407)   351.15506 (13020407)   344.45212 (13020407)
338.07698 (13020407)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: SEAPM
***
                               INCLUDING SOURCE(S):   SEAPM   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560817.30   560837.30   560857.30   560877.30
560897.30
 -
- - - - - - -

 4191625.2 | 261.56309 (15010507)   239.55403 (15010507)   211.45427 (15010507)   203.24397 (17031607)
216.84377 (17031607)
 4191605.2 | 253.90557 (15010507)   227.11174 (15010507)   201.50294 (17031607)   217.33529 (17031607)
225.84261 (17031607)
 4191585.2 | 242.83923 (15010507)   211.91397 (15010507)   216.89831 (17031607)   228.14082 (17031607)
230.75658 (17031607)
 4191565.2 | 228.58142 (15010507)   215.83664 (17031607)   229.22128 (17031607)   234.55796 (17031607)
230.55525 (17031607)
 4191545.2 | 213.79295 (17031607)   230.02871 (17031607)   237.88514 (17031607)   236.52524 (17031607)
225.36086 (17031607)
 4191525.2 | 229.68317 (17031607)   240.67384 (17031607)   242.15493 (17031607)   233.58727 (17031607)
219.92214 (15020708)
 4191505.2 | 242.16760 (17031607)   246.98938 (17031607)   241.58931 (17031607)   225.54725 (17031607)
246.71134 (15020708)
 4191485.2 | 251.35914 (17031607)   248.69377 (17031607)   235.30415 (17031607)   248.16602 (15020708)
271.27570 (15020708)
 4191465.2 | 255.92821 (17031607)   245.04283 (17031607)   249.18867 (15020708)   273.45513 (15020708)
292.19785 (15020708)
 4191445.2 | 253.98655 (17031607)   250.37318 (15020708)   276.27067 (15020708)   295.83399 (15020708)
308.04066 (15020708)
 4191425.2 | 251.23701 (15020708)   278.36754 (15020708)   299.58985 (15020708)   313.21710 (15020708)
317.74736 (15020708)
 4191405.2 | 280.61772 (15020708)   302.68887 (15020708)   317.84143 (15020708)   324.33994 (15020708)
326.92358 (15012009)
 4191385.2 | 305.43207 (15020708)   321.51244 (15020708)   329.84682 (15020708)   332.49003 (15012009)
345.05408 (15012009)
 4191365.2 | 326.57192 (15020708)   335.26810 (15020708)   337.06365 (15012009)   351.43194 (15012009)
356.29733 (15012009)
 4191345.2 | 343.12199 (15020708)   342.69751 (15020708)   357.36240 (15012009)   363.77871 (15012009)
359.81041 (15012009)

 4191325.2 | 351.91396 (15020708)   363.67175 (15012009)   370.70008 (15012009)   368.21412 (15012009)
354.44917 (15012009)
 4191305.2 | 372.18037 (15012009)   377.98946 (15012009)   376.02352 (15012009)   363.67720 (15012009)
339.23110 (15012009)
 4191285.2 | 387.61112 (15012009)   384.33546 (15012009)   372.17670 (15012009)   349.05185 (15012009)
313.59286 (15012009)
 4191265.2 | 394.98317 (15012009)   381.55790 (15012009)   357.67067 (15012009)   322.74843 (15012009)
282.66384 (16122217)
 4191245.2 | 393.22602 (15012009)   368.41954 (15012009)   332.80982 (15012009)   288.60803 (16122217)
287.58177 (16122217)
 4191225.2 | 380.85815 (15012009)   343.92032 (15012009)   297.10905 (15012009)   294.28115 (16120517)
300.12270 (16120517)
 4191205.2 | 356.87315 (15012009)   308.95828 (15012009)   303.03671 (16120517)   307.86356 (16120517)
307.74340 (16120517)
 4191185.2 | 320.56124 (15012009)   312.66883 (16120517)   316.75648 (16120517)   315.42632 (16120517)
308.80660 (16120517)
 4191165.2 | 321.89058 (16120517)   325.36174 (16120517)   323.50528 (16120517)   319.65986 (14012907)
326.17194 (14012907)
 4191145.2 | 333.92282 (16120517)   331.16444 (16120517)   330.91480 (14012907)   336.10703 (14012907)
336.51874 (14012907)
 4191125.2 | 339.11573 (16120517)   342.31376 (14012907)   346.12900 (14012907)   345.10371 (14012907)
338.90584 (14012907)
 4191105.2 | 353.87069 (14012907)   356.24752 (14012907)   353.72380 (14012907)   345.86546 (14012907)
332.19268 (14012907)
 4191085.2 | 366.58756 (14012907)   362.90306 (14012907)   353.33940 (14012907)   337.51914 (14012907)
314.99388 (14012907)
 4191065.2 | 371.81387 (14012907)   360.49585 (14012907)   342.39491 (14012907)   317.07292 (14012907)
289.42948 (14010709)
 4191045.2 | 367.38664 (14012907)   346.78696 (14012907)   318.60090 (14012907)   299.10686 (13011717)
305.43123 (13011717)
 4191025.2 | 351.01758 (14012907)   319.67872 (14012907)   314.21791 (13011717)   318.36669 (13011717)
319.93407 (13011717)
 4191005.2 | 323.60972 (13011717)   328.49752 (13011717)   330.54930 (13011717)   330.32281 (13011717)
328.05481 (13011717)
 4190985.2 | 341.98582 (13011717)   342.07701 (13011717)   340.17597 (13011717)   336.27624 (13011717)
329.91689 (13011717)
 4190965.2 | 353.09758 (13011717)   349.60541 (13011717)   343.98293 (13011717)   335.46757 (13011717)
323.07250 (13011717)
 4190945.2 | 358.66133 (13011717)   351.09943 (13011717)   339.98138 (13011717)   324.18074 (13011717)
302.91281 (13011717)
 4190925.2 | 357.42880 (13011717)   343.09938 (13011717)   323.16861 (13011717)   297.16072 (13011717)
265.54841 (13011717)
 4190905.2 | 344.31694 (13011717)   319.46567 (13011717)   288.15622 (13011717)   284.64152 (14121317)
294.56865 (14121317)
 4190885.2 | 312.46597 (13011717)   309.99450 (14121317)   318.96481 (14121317)   326.13302 (14121317)
331.63673 (14121317)
 4190865.2 | 345.04460 (14121317)   350.80653 (14121317)   354.84880 (14121317)   357.33778 (14121317)
358.43272 (14121317)
 4190845.2 | 379.24252 (14121317)   380.07466 (14121317)   379.59255 (14121317)   377.90759 (14121317)
375.08802 (14121317)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: SEAPM
***
                                INCLUDING SOURCE(S):   SEAPM   ,

                                 *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                      ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560817.30   560837.30   560857.30   560877.30
560897.30

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4190825.2 |	401.71257 (14121317)	398.42310 (14121317)	394.10881 (14121317)	388.69792 (14121317)	382.10736 (14121317)
4190805.2 |	414.13113 (14121317)	407.17943 (14121317)	399.03809 (14121317)	389.52962 (14121317)	378.51175 (14121317)
4190785.2 |	417.02845 (14121317)	405.70809 (14121317)	392.72543 (14121317)	377.96405 (14121317)	361.42558 (14121317)
4190765.2 |	407.73224 (14121317)	390.47265 (14121317)	371.27074 (14121317)	350.23140 (14121317)	334.18962 (13010717)
4190745.2 |	381.08542 (14121317)	356.82132 (14121317)	344.47155 (13010717)	330.86231 (13010717)	315.34351 (13010717)
4190725.2 |	354.30545 (13010717)	337.42696 (13010717)	318.39820 (13010717)	297.41010 (13010717)	274.85111 (13010717)
4190705.2 |	318.95980 (13010717)	293.82933 (13010717)	285.40424 (14091907)	281.30934 (14091907)	277.32006 (14091907)
4190685.2 |	301.75509 (14091907)	296.76101 (14091907)	291.89626 (14091907)	287.13207 (14091907)	282.42744 (14091907)
4190665.2 |	315.72907 (13020407)	310.81501 (13020407)	306.09474 (13020407)	301.55527 (13020407)	297.17992 (13020407)
4190645.2 |	332.00147 (13020407)	326.20628 (13020407)	320.65517 (13020407)	315.33718 (13020407)	310.23006 (13020407)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SEAPM ***

INCLUDING SOURCE(S): SEAPM ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD | (METERS) |	X-COORD (METERS) 560917.30	560937.30	560957.30	560977.30	560997.30
4191625.2 |	222.97503 (17031607)	220.60181 (17031607)	209.22955 (17031607)	195.08985 (15020708)	218.87571 (15020708)
4191605.2 |	225.95120 (17031607)	216.91515 (17031607)	198.89134 (17031607)	219.39928 (15020708)	240.39356 (15020708)
4191585.2 |	224.16947 (17031607)	208.22888 (17031607)	219.82231 (15020708)	241.92827 (15020708)	258.84624 (15020708)
4191565.2 |	216.90305 (17031607)	219.83681 (15020708)	243.35681 (15020708)	261.58662 (15020708)	273.27479 (15020708)
4191545.2 |	219.80072 (15020708)	244.25717 (15020708)	263.94003 (15020708)	276.98687 (15020708)	282.48162 (15020708)
4191525.2 |	245.48023 (15020708)	266.09675 (15020708)	280.33946 (15020708)	287.11578 (15020708)	285.64529 (15020708)
4191505.2 |	268.54375 (15020708)	284.14048 (15020708)	292.12944 (15020708)	291.78049 (15020708)	301.43010 (15012009)
4191485.2 |	288.04619 (15020708)	297.18563 (15020708)	298.30087 (15020708)	306.60030 (15012009)	315.29198 (15012009)
4191465.2 |	302.78287 (15020708)	304.55286 (15020708)	311.83614 (15012009)	321.51789 (15012009)	322.64580 (15012009)
4191445.2 |	311.47896 (15020708)	316.86263 (15012009)	326.88803 (15012009)	328.73120 (15012009)	321.68777 (15012009)
4191425.2 |	321.93236 (15012009)	333.01563 (15012009)	335.20597 (15012009)	328.61566 (15012009)	312.62276 (15012009)
4191405.2 |	338.58839 (15012009)	341.95348 (15012009)	336.08067 (15012009)	320.44918 (15012009)	295.29828 (15012009)

 4191385.2 | 349.03766 (15012009)   343.73296 (15012009)   328.56071 (15012009)   303.41211 (15012009)
269.51576 (15012009)
 4191365.2 | 351.66078 (15012009)   336.88727 (15012009)   311.86867 (15012009)   277.58774 (15012009)
253.32996 (16122217)
 4191345.2 | 345.51677 (15012009)   320.64544 (15012009)   286.00655 (15012009)   258.83854 (16122217)
259.14478 (16122217)
 4191325.2 | 329.74497 (15012009)   294.82033 (15012009)   264.53658 (16122217)   264.46316 (16122217)
264.39721 (16120517)
 4191305.2 | 304.00814 (15012009)   270.41270 (16122217)   269.96445 (16122217)   271.18188 (16120517)
274.81849 (16120517)
 4191285.2 | 276.49699 (16122217)   275.66604 (16122217)   278.13640 (16120517)   281.08737 (16120517)
278.93465 (16120517)
 4191265.2 | 281.57873 (16122217)   285.27903 (16120517)   287.50782 (16120517)   284.53458 (16120517)
276.94078 (14012907)
 4191245.2 | 292.60246 (16120517)   294.08076 (16120517)   290.25042 (16120517)   286.40272 (14012907)
293.15100 (14012907)
 4191225.2 | 300.81626 (16120517)   296.10313 (16120517)   295.96146 (14012907)   301.56976 (14012907)
302.63680 (14012907)
 4191205.2 | 302.10815 (16120517)   305.71431 (14012907)   310.61082 (14012907)   310.17326 (14012907)
304.62323 (14012907)
 4191185.2 | 315.55077 (14012907)   318.55637 (14012907)   317.37361 (14012907)   310.67373 (14012907)
298.55799 (14012907)
 4191165.2 | 327.60070 (14012907)   323.86893 (14012907)   315.58495 (14012907)   302.26212 (14012907)
283.11488 (14012907)
 4191145.2 | 331.82941 (14012907)   321.62416 (14012907)   305.81076 (14012907)   284.52873 (14012907)
262.32870 (14010709)
 4191125.2 | 327.23465 (14012907)   309.40079 (14012907)   285.40064 (14012907)   267.71414 (14010709)
261.67480 (14010709)
 4191105.2 | 312.24330 (14012907)   285.86018 (14012907)   272.84847 (14010709)   271.46783 (13011717)
278.05564 (13011717)
 4191085.2 | 285.70104 (14012907)   277.69448 (14010709)   284.73456 (13011717)   289.40782 (13011717)
291.65607 (13011717)
 4191065.2 | 291.70886 (13011717)   297.18448 (13011717)   300.12061 (13011717)   300.66450 (13011717)
298.92547 (13011717)
 4191045.2 | 308.91828 (13011717)   310.06808 (13011717)   308.89799 (13011717)   305.42168 (13011717)
299.35350 (13011717)
 4191025.2 | 319.40465 (13011717)   316.57623 (13011717)   311.03880 (13011717)   302.88212 (13011717)
291.14011 (13011717)
 4191005.2 | 323.65745 (13011717)   316.25849 (13011717)   305.12550 (13011717)   290.36640 (13011717)
271.13531 (13011717)
 4190985.2 | 320.43826 (13011717)   306.61412 (13011717)   287.84850 (13011717)   264.57041 (13011717)
237.20870 (13011717)
 4190965.2 | 305.97617 (13011717)   283.63775 (13011717)   255.93747 (13011717)   237.80401 (13121117)
241.94561 (13121117)
 4190945.2 | 276.09584 (13011717)   250.84938 (13121117)   253.86952 (13121117)   255.58856 (13121117)
260.10119 (14121317)
 4190925.2 | 266.54239 (13121117)   271.91427 (14121317)   280.78282 (14121317)   288.24901 (14121317)
294.44947 (14121317)
 4190905.2 | 302.87733 (14121317)   309.65095 (14121317)   314.55777 (14121317)   318.11820 (14121317)
320.50144 (14121317)
 4190885.2 | 335.60125 (14121317)   338.17314 (14121317)   339.19571 (14121317)   338.88026 (14121317)
337.41602 (14121317)
 4190865.2 | 358.24293 (14121317)   356.88805 (14121317)   354.32198 (14121317)   350.33195 (14121317)
344.99155 (14121317)
 4190845.2 | 371.13411 (14121317)   365.99159 (14121317)   359.66805 (14121317)   351.85218 (14121317)
342.36434 (14121317)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: SEAPM
***
                               INCLUDING SOURCE(S):   SEAPM   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10   IN MICROGRAMS/M**3   **

Y-COORD | X-COORD (METERS)
(METERS) | 560917.30   560937.30   560957.30   560977.30
560997.30
- -

4190825.2 | 374.23023 (14121317)   364.95275 (14121317)   354.19767 (14121317)   341.94677 (14121317)
327.74337 (14121317)
4190805.2 | 365.89271 (14121317)   351.64141 (14121317)   335.77996 (14121317)   318.48166 (14121317)
305.50813 (13010717)
4190785.2 | 343.16418 (14121317)   323.77911 (13010717)   314.84162 (13010717)   304.53142 (13010717)
292.08024 (13010717)
4190765.2 | 323.17628 (13010717)   310.52701 (13010717)   296.17908 (13010717)   280.24241 (13010717)
262.50649 (13010717)
4190745.2 | 297.95216 (13010717)   278.88574 (13010717)   258.47963 (13010717)   245.45934 (14091907)
243.49134 (14091907)
4190725.2 | 265.22772 (14091907)   262.20909 (14091907)   259.20727 (14091907)   256.25885 (14091907)
253.30800 (14091907)
4190705.2 | 273.41454 (14091907)   269.56742 (14091907)   265.76704 (14091907)   261.97426 (14091907)
258.24350 (14091907)
4190685.2 | 277.73055 (14091907)   273.01210 (14091907)   268.22549 (14091907)   263.31922 (14091907)
259.36776 (13020407)
4190665.2 | 292.96706 (13020407)   288.90527 (13020407)   284.96738 (13020407)   281.16380 (13020407)
277.56655 (13020407)
4190645.2 | 305.32611 (13020407)   300.58829 (13020407)   296.00832 (13020407)   291.56844 (13020407)
287.33426 (13020407)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: SEAPM
***
INCLUDING SOURCE(S):   SEAPM   ,

*** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10   IN MICROGRAMS/M**3   **

Y-COORD | X-COORD (METERS)
(METERS) | 561017.30   561037.30   561057.30   561077.30
561097.30
- -

4191625.2 | 238.66623 (15020708)   253.10578 (15020708)   261.15293 (15020708)   261.97883 (15020708)
264.14781 (15012009)
4191605.2 | 256.02188 (15020708)   265.21414 (15020708)   267.13076 (15020708)   267.70740 (15012009)
279.08863 (15012009)
4191585.2 | 268.97216 (15020708)   272.29595 (15020708)   271.78390 (15012009)   283.52377 (15012009)
288.56969 (15012009)
4191565.2 | 277.15719 (15020708)   275.19249 (15012009)   288.41984 (15012009)   294.19441 (15012009)
292.10631 (15012009)
4191545.2 | 279.69262 (15020708)   292.75433 (15012009)   299.49812 (15012009)   298.22820 (15012009)
288.46728 (15012009)
4191525.2 | 297.41251 (15012009)   304.78570 (15012009)   304.14287 (15012009)   295.10136 (15012009)
277.43947 (15012009)
4191505.2 | 309.63689 (15012009)   309.91935 (15012009)   301.55423 (15012009)   284.06873 (15012009)
258.94100 (15012009)
4191485.2 | 315.70166 (15012009)   307.78345 (15012009)   291.11111 (15012009)   265.88335 (15012009)
233.96273 (15012009)
4191465.2 | 314.53253 (15012009)   297.72798 (15012009)   272.70198 (15012009)   240.87247 (15012009)
228.70899 (16122217)

 4191445.2 | 305.16858 (15012009)   279.89036 (15012009)   247.21456 (15012009)   233.21108 (16122217)
235.13222 (16122217)
 4191425.2 | 287.44750 (15012009)   254.35699 (15012009)   237.89441 (16122217)   239.53182 (16122217)
235.97757 (16122217)
 4191405.2 | 261.78658 (15012009)   242.87865 (16122217)   244.21439 (16122217)   240.24100 (16122217)
245.40045 (16120517)
 4191385.2 | 248.01753 (16122217)   249.03774 (16122217)   244.98023 (16120517)   251.05439 (16120517)
252.53805 (16120517)
 4191365.2 | 254.00817 (16122217)   251.29710 (16120517)   256.80306 (16120517)   257.62802 (16120517)
253.27051 (16120517)
 4191345.2 | 257.76598 (16120517)   262.68132 (16120517)   262.80058 (16120517)   257.79304 (16120517)
251.07966 (14012907)
 4191325.2 | 268.68967 (16120517)   268.07858 (16120517)   262.11113 (16120517)   259.19494 (14012907)
265.67162 (14012907)
 4191305.2 | 273.45484 (16120517)   266.48619 (16120517)   267.55909 (14012907)   272.81093 (14012907)
273.96957 (14012907)
 4191285.2 | 271.24159 (16120517)   275.87515 (14012907)   279.94935 (14012907)   280.24754 (14012907)
275.39375 (14012907)
 4191265.2 | 284.75045 (14012907)   287.73841 (14012907)   286.20112 (14012907)   280.56578 (14012907)
269.54267 (14012907)
 4191245.2 | 295.47258 (14012907)   292.65890 (14012907)   284.93979 (14012907)   272.93139 (14012907)
255.45713 (14012907)
 4191225.2 | 298.95936 (14012907)   289.88503 (14012907)   275.43059 (14012907)   256.73103 (14012907)
236.22181 (14010709)
 4191205.2 | 294.34635 (14012907)   278.64844 (14012907)   257.67756 (14012907)   242.02196 (14010709)
237.84715 (14010709)
 4191185.2 | 281.03175 (14012907)   258.10006 (14012907)   247.67449 (14010709)   242.07470 (14010709)
233.88098 (13011717)
 4191165.2 | 258.10825 (14012907)   252.80343 (14010709)   245.80689 (14010709)   246.70615 (13011717)
252.95993 (13011717)
 4191145.2 | 257.45860 (14010709)   252.61715 (13011717)   259.80826 (13011717)   264.04199 (13011717)
266.00254 (13011717)
 4191125.2 | 265.81226 (13011717)   271.14923 (13011717)   273.97181 (13011717)   274.51097 (13011717)
272.66511 (13011717)
 4191105.2 | 282.02177 (13011717)   283.10584 (13011717)   281.38845 (13011717)   278.29273 (13011717)
272.51748 (13011717)
 4191085.2 | 291.59242 (13011717)   288.68796 (13011717)   282.71748 (13011717)   274.87296 (13011717)
263.71404 (13011717)
 4191065.2 | 294.69709 (13011717)   287.43585 (13011717)   276.62702 (13011717)   262.08974 (13011717)
244.44640 (13011717)
 4191045.2 | 290.07172 (13011717)   277.18520 (13011717)   260.15182 (13011717)   238.01288 (13011717)
213.92432 (13011717)
 4191025.2 | 274.65912 (13011717)   254.73652 (13011717)   231.03201 (13011717)   206.94679 (13011617)
204.24154 (13121117)
 4191005.2 | 246.83273 (13011717)   219.90759 (13011717)   215.45280 (13121117)   220.77957 (13121117)
224.13546 (13121117)
 4190985.2 | 226.15525 (13121117)   230.93290 (13121117)   234.30502 (13121117)   236.43968 (13121117)
237.09798 (13121117)
 4190965.2 | 244.67533 (13121117)   245.94077 (13121117)   249.52822 (14121317)   257.29165 (14121317)
263.99527 (14121317)
 4190945.2 | 268.35134 (14121317)   275.19958 (14121317)   280.78599 (14121317)   285.57039 (14121317)
289.15360 (14121317)
 4190925.2 | 298.80921 (14121317)   302.19942 (14121317)   304.71241 (14121317)   306.27750 (14121317)
306.28686 (14121317)
 4190905.2 | 321.11561 (14121317)   321.18611 (14121317)   320.34199 (14121317)   318.25748 (14121317)
314.54972 (14121317)
 4190885.2 | 334.63032 (14121317)   331.22076 (14121317)   326.70069 (14121317)   320.64787 (14121317)
313.04719 (14121317)
 4190865.2 | 338.75308 (14121317)   331.47681 (14121317)   322.73412 (14121317)   312.48847 (14121317)
300.84138 (14121317)
 4190845.2 | 332.16194 (14121317)   320.33361 (14121317)   307.14834 (14121317)   292.67091 (14121317)
282.77498 (13010717)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

Y-COORD (METERS)	X-COORD (METERS)				
	561017.30	561037.30	561057.30	561077.30	561097.30
4190825.2	312.94963 (14121317)	297.36000 (13010717)	290.51368 (13010717)	282.53423 (13010717)	273.37170 (13010717)
4190805.2	297.62115 (13010717)	288.10692 (13010717)	276.95216 (13010717)	264.54710 (13010717)	250.87012 (13010717)
4190785.2	279.28622 (13010717)	264.71394 (13010717)	248.62460 (13010717)	231.59946 (13010717)	213.86398 (13010717)
4190765.2	244.13653 (13010717)	225.35987 (14091907)	224.59892 (14091907)	223.71009 (14091907)	222.67015 (14091907)
4190745.2	241.52650 (14091907)	239.55547 (14091907)	237.39610 (14091907)	235.22823 (14091907)	233.01110 (14091907)
4190725.2	250.06573 (14091907)	247.16794 (14091907)	244.28219 (14091907)	241.18707 (14091907)	238.02887 (14091907)
4190705.2	254.02417 (14091907)	250.17526 (14091907)	246.37526 (14091907)	242.24686 (14091907)	237.86244 (14091907)
4190685.2	256.38278 (13020407)	253.91540 (13020407)	251.64085 (13020407)	249.20512 (13020407)	246.70063 (13020407)
4190665.2	273.60176 (13020407)	270.19291 (13020407)	266.99103 (13020407)	263.61168 (13020407)	260.55698 (13020407)
4190645.2	282.91554 (13020407)	278.82633 (13020407)	274.87805 (13020407)	270.38789 (13020407)	267.08317 (13020407)

Y-COORD (METERS)	X-COORD (METERS)				
	561117.30	561137.30	561157.30	561177.30	561197.30
4191625.2	274.88648 (15012009)	278.81056 (15012009)	275.43717 (15012009)	264.57685 (15012009)	246.71752 (15012009)
4191605.2	283.64995 (15012009)	280.74787 (15012009)	270.22257 (15012009)	252.41476 (15012009)	228.26868 (15012009)
4191585.2	286.20440 (15012009)	276.02539 (15012009)	258.28965 (15012009)	233.96868 (15012009)	204.58427 (15012009)
4191565.2	281.96438 (15012009)	264.37318 (15012009)	239.85737 (15012009)	209.98051 (15012009)	206.85578 (16122217)
4191545.2	270.63347 (15012009)	245.95353 (15012009)	215.59281 (15012009)	210.92150 (16122217)	214.10453 (16122217)
4191525.2	252.25960 (15012009)	221.43571 (15012009)	215.09230 (16122217)	218.04298 (16122217)	216.36137 (16122217)

 4191505.2 | 227.52901 (15012009)   219.38402 (16122217)   222.09222 (16122217)   220.07880 (16122217)
218.76266 (16120517)
 4191485.2 | 223.80394 (16122217)   226.25974 (16122217)   223.89065 (16122217)   223.88053 (16120517)
228.24170 (16120517)
 4191465.2 | 230.55549 (16122217)   227.80781 (16122217)   229.10318 (16120517)   232.94259 (16120517)
232.41653 (16120517)
 4191445.2 | 231.83482 (16122217)   234.42539 (16120517)   237.74230 (16120517)   236.53277 (16120517)
230.64412 (16120517)
 4191425.2 | 239.85279 (16120517)   242.35150 (16120517)   240.37254 (16120517)   233.68142 (16120517)
229.47092 (14012907)
 4191405.2 | 247.44801 (16120517)   244.18107 (16120517)   236.46387 (16120517)   236.35150 (14012907)
242.23367 (14012907)
 4191385.2 | 249.13961 (16120517)   240.54510 (16120517)   244.26458 (14012907)   249.86231 (14012907)
251.43824 (14012907)
 4191365.2 | 243.73733 (16120517)   251.48900 (14012907)   256.13825 (14012907)   256.79512 (14012907)
253.30763 (14012907)
 4191345.2 | 258.20221 (14012907)   261.87085 (14012907)   261.40359 (14012907)   256.67588 (14012907)
247.64394 (14012907)
 4191325.2 | 268.06301 (14012907)   266.42547 (14012907)   260.36647 (14012907)   249.91132 (14012907)
235.21874 (14012907)
 4191305.2 | 270.82859 (14012907)   263.42276 (14012907)   251.91330 (14012907)   235.99352 (14012907)
216.63125 (14010709)
 4191285.2 | 265.88476 (14012907)   252.43469 (14012907)   235.55676 (14012907)   222.03495 (14010709)
220.80907 (14010709)
 4191265.2 | 253.65645 (14012907)   234.13705 (14012907)   224.27016 (14010709)   221.94160 (14010709)
216.61498 (14010709)
 4191245.2 | 233.49198 (14012907)   228.79267 (14010709)   224.80261 (14010709)   217.84557 (14010709)
214.85413 (13011717)
 4191225.2 | 233.43555 (14010709)   228.28943 (14010709)   219.20922 (14010709)   225.76318 (13011717)
232.09990 (13011717)
 4191205.2 | 230.49669 (14010709)   229.79374 (13011717)   237.23933 (13011717)   242.38466 (13011717)
245.00084 (13011717)
 4191185.2 | 241.53092 (13011717)   247.21160 (13011717)   251.00471 (13011717)   252.47563 (13011717)
251.23468 (13011717)
 4191165.2 | 257.09883 (13011717)   258.92943 (13011717)   258.44508 (13011717)   255.53130 (13011717)
250.01942 (13011717)
 4191145.2 | 265.71366 (13011717)   263.59291 (13011717)   258.90539 (13011717)   251.56355 (13011717)
241.60916 (13011717)
 4191125.2 | 268.41220 (13011717)   261.80731 (13011717)   252.15056 (13011717)   239.42197 (13011717)
223.76271 (13011717)
 4191105.2 | 263.72262 (13011717)   251.66423 (13011717)   236.23024 (13011717)   217.63642 (13011717)
196.42660 (13011717)
 4191085.2 | 249.02556 (13011717)   230.86945 (13011717)   209.66658 (13011717)   190.94830 (13011617)
173.90050 (13011617)
 4191065.2 | 223.62911 (13011717)   201.11055 (13011617)   184.05639 (13011617)   184.87707 (13121117)
191.39647 (13121117)
 4191045.2 | 194.79308 (13011617)   194.17302 (13121117)   200.37002 (13121117)   205.27449 (13121117)
208.97326 (13121117)
 4191025.2 | 209.16432 (13121117)   214.14248 (13121117)   217.46328 (13121117)   219.57031 (13121117)
220.63854 (13121117)
 4191005.2 | 225.76090 (13121117)   227.81526 (13121117)   228.49845 (13121117)   231.79087 (14121317)
238.39105 (14121317)
 4190985.2 | 240.16052 (14121317)   247.32570 (14121317)   253.37920 (14121317)   258.34249 (14121317)
262.18933 (14121317)
 4190965.2 | 269.51027 (14121317)   273.72393 (14121317)   276.55778 (14121317)   278.21965 (14121317)
279.24537 (14121317)
 4190945.2 | 291.42135 (14121317)   292.34399 (14121317)   291.92846 (14121317)   290.39623 (14121317)
288.01665 (14121317)
 4190925.2 | 304.96109 (14121317)   302.43762 (14121317)   298.72542 (14121317)   293.81937 (14121317)
287.73748 (14121317)
 4190905.2 | 309.44819 (14121317)   303.33808 (14121317)   295.97256 (14121317)   287.43870 (14121317)
277.75032 (14121317)
 4190885.2 | 304.07521 (14121317)   294.12485 (14121317)   283.00546 (14121317)   270.81153 (14121317)
262.25625 (13010717)
 4190865.2 | 287.87582 (14121317)   274.49545 (13010717)   269.24707 (13010717)   263.08479 (13010717)
255.93729 (13010717)
 4190845.2 | 276.21527 (13010717)   268.80183 (13010717)   260.15796 (13010717)   250.38084 (13010717)
239.50819 (13010717)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SEAPM ***

INCLUDING SOURCE(S): SEAPM ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	561117.30	561137.30	561157.30	561177.30	561197.30
4190825.2	262.98910 (13010717)	251.35171 (13010717)	238.60061 (13010717)	224.89684 (13010717)	210.40180 (13010717)
4190805.2	236.08549 (13010717)	220.41306 (13010717)	204.10764 (13010717)	187.44981 (13010717)	186.82523 (14091907)
4190785.2	205.27019 (14091907)	205.45957 (14091907)	205.42590 (14091907)	205.18860 (14091907)	204.78171 (14091907)
4190765.2	221.49298 (14091907)	220.18964 (14091907)	218.77314 (14091907)	217.25330 (14091907)	215.64164 (14091907)
4190745.2	230.73639 (14091907)	228.38837 (14091907)	225.97909 (14091907)	223.48275 (14091907)	220.89609 (14091907)
4190725.2	234.82051 (14091907)	231.50792 (14091907)	228.06333 (14091907)	224.46898 (14091907)	220.71982 (14091907)
4190705.2	233.34993 (14091907)	228.62592 (14091907)	223.68145 (14091907)	218.51336 (14091907)	217.09202 (13020407)
4190685.2	244.34809 (13020407)	242.00174 (13020407)	239.66395 (13020407)	237.39277 (13020407)	235.14607 (13020407)
4190665.2	257.39505 (13020407)	254.28521 (13020407)	251.23142 (13020407)	248.25047 (13020407)	245.30107 (13020407)
4190645.2	263.41350 (13020407)	259.65511 (13020407)	255.95228 (13020407)	252.28502 (13020407)	248.65405 (13020407)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SEAPM ***

INCLUDING SOURCE(S): SEAPM ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	561217.30	561237.30	561257.30	561277.30	561297.30
4191625.2	222.76070 (15012009)	194.37043 (15012009)	195.32367 (16122217)	199.29560 (16122217)	199.15050 (16122217)
4191605.2	199.37810 (15012009)	199.05176 (16122217)	202.85766 (16122217)	202.42072 (16122217)	197.58488 (16122217)
4191585.2	202.90730 (16122217)	206.50988 (16122217)	205.78106 (16122217)	200.54619 (16122217)	205.77032 (16120517)

 4191565.2 | 210.25450 (16122217)   209.21644 (16122217)   203.95585 (16120517)   210.11731 (16120517)
212.49102 (16120517)
 4191545.2 | 212.74080 (16122217)   208.79968 (16120517)   214.54422 (16120517)   216.39403 (16120517)
214.11414 (16120517)
 4191525.2 | 213.72345 (16120517)   219.04936 (16120517)   220.33794 (16120517)   217.40159 (16120517)
210.14440 (16120517)
 4191505.2 | 223.61086 (16120517)   224.32184 (16120517)   220.69828 (16120517)   212.65410 (16120517)
211.45285 (14012907)
 4191485.2 | 228.47413 (16120517)   224.17960 (16120517)   215.20124 (16120517)   217.88544 (14012907)
224.07470 (14012907)
 4191465.2 | 227.55827 (16120517)   218.02547 (16120517)   224.44186 (14012907)   229.70371 (14012907)
231.53894 (14012907)
 4191445.2 | 222.62577 (14012907)   230.45059 (14012907)   234.91081 (14012907)   235.63440 (14012907)
232.57979 (14012907)
 4191425.2 | 236.58713 (14012907)   240.22567 (14012907)   239.88163 (14012907)   235.58783 (14012907)
227.72036 (14012907)
 4191405.2 | 245.20002 (14012907)   244.32278 (14012907)   238.74491 (14012907)   229.50367 (14012907)
216.84961 (14012907)
 4191385.2 | 248.64345 (14012907)   241.80485 (14012907)   232.10499 (14012907)   218.08891 (14012907)
200.73180 (14012907)
 4191365.2 | 245.29288 (14012907)   233.26451 (14012907)   218.27895 (14012907)   203.25246 (14010709)
203.88279 (14010709)
 4191345.2 | 234.83390 (14012907)   218.13033 (14012907)   208.13471 (14010709)   207.63685 (14010709)
204.37122 (14010709)
 4191325.2 | 217.12349 (14012907)   212.69848 (14010709)   211.03091 (14010709)   206.47512 (14010709)
198.88536 (14010709)
 4191305.2 | 216.61791 (14010709)   213.85715 (14010709)   208.06300 (14010709)   199.06956 (14010709)
202.75090 (13011717)
 4191285.2 | 216.30017 (14010709)   208.72903 (14010709)   204.38356 (13011717)   212.70224 (13011717)
218.74567 (13011717)
 4191265.2 | 208.90475 (14010709)   214.99381 (13011717)   221.13153 (13011717)   226.22316 (13011717)
229.32634 (13011717)
 4191245.2 | 223.72700 (13011717)   230.51329 (13011717)   232.29995 (13011717)   233.65846 (13011717)
233.16643 (13011717)
 4191225.2 | 237.06473 (13011717)   239.80717 (13011717)   237.98753 (13011717)   235.22233 (13011717)
230.18112 (13011717)
 4191205.2 | 245.36307 (13011717)   243.10332 (13011717)   238.10429 (13011717)   230.92764 (13011717)
221.28243 (13011717)
 4191185.2 | 247.17993 (13011717)   240.37277 (13011717)   230.67710 (13011717)   218.88227 (13011717)
204.47765 (13011717)
 4191165.2 | 241.70782 (13011717)   230.14887 (13011717)   214.91322 (13011717)   198.42736 (13011717)
181.06731 (13011617)
 4191145.2 | 227.86621 (13011717)   210.74880 (13011717)   190.82591 (13011717)   176.34779 (13011617)
162.14135 (13011617)
 4191125.2 | 204.59906 (13011717)   186.12415 (13011617)   170.79941 (13011617)   154.47321 (13011617)
159.30990 (13121117)
 4191105.2 | 180.99912 (13011617)   163.81464 (13011617)   167.55929 (13121117)   174.68210 (13121117)
180.59019 (13121117)
 4191085.2 | 175.98390 (13121117)   182.62951 (13121117)   188.39649 (13121117)   192.96146 (13121117)
196.43389 (13121117)
 4191065.2 | 196.69360 (13121117)   200.81278 (13121117)   203.81457 (13121117)   205.77928 (13121117)
206.81459 (13121117)
 4191045.2 | 211.54342 (13121117)   213.07622 (13121117)   213.61040 (13121117)   213.15892 (13121117)
216.97295 (14121317)
 4191025.2 | 220.72815 (13121117)   224.05598 (14121317)   230.15114 (14121317)   235.41714 (14121317)
239.70224 (14121317)
 4191005.2 | 244.08519 (14121317)   248.72672 (14121317)   252.19625 (14121317)   254.72996 (14121317)
256.16634 (14121317)
 4190985.2 | 265.20038 (14121317)   267.02639 (14121317)   267.51995 (14121317)   266.90372 (14121317)
265.17807 (14121317)
 4190965.2 | 278.92838 (14121317)   277.45276 (14121317)   274.75185 (14121317)   270.93881 (14121317)
266.01967 (14121317)
 4190945.2 | 284.38658 (14121317)   279.51017 (14121317)   273.39870 (14121317)   266.23588 (14121317)
258.08476 (14121317)
 4190925.2 | 280.64891 (14121317)   272.39550 (14121317)   262.82056 (14121317)   252.39957 (14121317)
244.51040 (13010717)
 4190905.2 | 266.92220 (14121317)   255.14906 (14121317)   251.03675 (13010717)   246.38145 (13010717)
240.82106 (13010717)
 4190885.2 | 257.21236 (13010717)   251.29424 (13010717)   244.58925 (13010717)   236.92072 (13010717)

228.24270 (13010717)
 4190865.2 | 247.97774 (13010717)   238.88750 (13010717)   228.45948 (13010717)   217.26980 (13010717)
205.34873 (13010717)
 4190845.2 | 227.54869 (13010717)   214.59884 (13010717)   201.07897 (13010717)   186.71519 (13010717)
172.26268 (13010717)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: SEAPM
***
                                INCLUDING SOURCE(S):   SEAPM   ,

                                 *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                      ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 561217.30   561237.30   561257.30   561277.30
561297.30
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- - - - - - - -

 4190825.2 | 195.38357 (13010717)   179.88331 (13010717)   167.88251 (14091907)   169.33443 (14091907)
170.56053 (14091907)
 4190805.2 | 187.75257 (14091907)   188.46762 (14091907)   188.74420 (14091907)   188.84451 (14091907)
188.82147 (14091907)
 4190785.2 | 204.19764 (14091907)   203.50945 (14091907)   202.42704 (14091907)   201.27375 (14091907)
200.16271 (14091907)
 4190765.2 | 213.92634 (14091907)   212.14899 (14091907)   210.10829 (14091907)   207.93376 (14091907)
205.74577 (14091907)
 4190745.2 | 218.20328 (14091907)   215.39308 (14091907)   212.42755 (14091907)   209.19629 (14091907)
205.74895 (14091907)
 4190725.2 | 216.78952 (14091907)   212.65808 (14091907)   208.35938 (14091907)   203.76702 (14091907)
198.70085 (14091907)
 4190705.2 | 215.76323 (13020407)   214.43312 (13020407)   213.09065 (13020407)   211.76438 (13020407)
210.22482 (13020407)
 4190685.2 | 232.92033 (13020407)   230.72204 (13020407)   228.53629 (13020407)   226.37295 (13020407)
224.26706 (13020407)
 4190665.2 | 242.39472 (13020407)   239.50415 (13020407)   236.64177 (13020407)   233.80184 (13020407)
231.02739 (13020407)
 4190645.2 | 245.02515 (13020407)   241.43187 (13020407)   237.86307 (13020407)   234.28910 (13020407)
230.74904 (13020407)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: SEAPM
***
                                INCLUDING SOURCE(S):   SEAPM   ,

                                 *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                      ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 561317.30   561337.30   561357.30   561377.30
561397.30
 -
- - - - - - - -

 4191625.2 | 194.68816 (16122217)   196.99154 (16120517)   200.43858 (16120517)   200.53020 (16120517)
196.80182 (16120517)
 4191605.2 | 201.46499 (16120517)   204.53137 (16120517)   203.74274 (16120517)   199.37381 (16120517)
191.15751 (16120517)
 4191585.2 | 208.62319 (16120517)   207.29728 (16120517)   201.94038 (16120517)   192.96874 (16120517)
194.93459 (14012907)
 4191565.2 | 210.83950 (16120517)   204.80829 (16120517)   194.73667 (16120517)   200.65161 (14012907)
206.52612 (14012907)
 4191545.2 | 207.62185 (16120517)   198.50260 (14012907)   206.35738 (14012907)   211.54212 (14012907)
213.54436 (14012907)
 4191525.2 | 205.07300 (14012907)   212.37988 (14012907)   216.51789 (14012907)   217.66681 (14012907)
215.41339 (14012907)
 4191505.2 | 218.36297 (14012907)   221.75014 (14012907)   221.67807 (14012907)   218.40520 (14012907)
211.65993 (14012907)
 4191485.2 | 226.71236 (14012907)   225.86046 (14012907)   221.39921 (14012907)   213.39783 (14012907)
202.17162 (14012907)
 4191465.2 | 229.38907 (14012907)   224.13725 (14012907)   215.29444 (14012907)   202.55115 (14012907)
187.22643 (14012907)
 4191445.2 | 226.55037 (14012907)   216.45154 (14012907)   202.90149 (14012907)   186.15887 (14012907)
187.50500 (14010709)
 4191425.2 | 217.06589 (14012907)   202.41530 (14012907)   190.47039 (14010709)   191.49062 (14010709)
190.17415 (14010709)
 4191405.2 | 201.27539 (14012907)   194.80094 (14010709)   195.03204 (14010709)   192.64334 (14010709)
187.56308 (14010709)
 4191385.2 | 199.62967 (14010709)   198.74405 (14010709)   195.15105 (14010709)   188.76036 (14010709)
179.40168 (14010709)
 4191365.2 | 201.84213 (14010709)   196.97425 (14010709)   189.22486 (14010709)   181.09654 (13011717)
189.43234 (13011717)
 4191345.2 | 198.18111 (14010709)   189.01891 (14010709)   191.11659 (13011717)   198.72125 (13011717)
204.12484 (13011717)
 4191325.2 | 192.39155 (13011717)   200.80156 (13011717)   207.27539 (13011717)   211.74439 (13011717)
213.85259 (13011717)
 4191305.2 | 210.03207 (13011717)   215.28046 (13011717)   218.44801 (13011717)   219.47396 (13011717)
218.12157 (13011717)
 4191285.2 | 222.68013 (13011717)   224.45713 (13011717)   224.03230 (13011717)   221.33709 (13011717)
216.25421 (13011717)
 4191265.2 | 229.27001 (13011717)   227.48442 (13011717)   223.41476 (13011717)   216.62727 (13011717)
207.38561 (13011717)
 4191245.2 | 229.50990 (13011717)   224.01108 (13011717)   215.90962 (13011717)   204.80326 (13011717)
191.26551 (13011717)
 4191225.2 | 222.49068 (13011717)   213.19970 (13011717)   200.97632 (13011717)   185.71144 (13011717)
171.11416 (13011617)
 4191205.2 | 208.99971 (13011717)   194.73039 (13011717)   178.75207 (13011717)   167.21614 (13011617)
153.82516 (13011617)
 4191185.2 | 187.61716 (13011717)   173.80437 (13011617)   161.73115 (13011617)   147.09996 (13011617)
131.06163 (13011617)
 4191165.2 | 168.23764 (13011617)   153.97579 (13011617)   138.71304 (13011617)   145.37600 (13121117)
152.65223 (13121117)
 4191145.2 | 145.43943 (13011617)   151.46810 (13121117)   159.58006 (13121117)   166.33468 (13121117)
171.63794 (13121117)
 4191125.2 | 166.14397 (13121117)   172.57328 (13121117)   178.30826 (13121117)   182.87474 (13121117)
185.93894 (13121117)
 4191105.2 | 185.40838 (13121117)   189.17112 (13121117)   192.09437 (13121117)   194.36590 (13121117)
195.13044 (13121117)
 4191085.2 | 199.09782 (13121117)   200.35363 (13121117)   200.67286 (13121117)   200.60330 (13121117)
199.02781 (13121117)
 4191065.2 | 207.20569 (13121117)   206.12053 (13121117)   210.41415 (14121317)   215.81435 (14121317)
220.09636 (14121317)
 4191045.2 | 222.81362 (14121317)   227.55086 (14121317)   231.28734 (14121317)   234.17855 (14121317)
235.96991 (14121317)
 4191025.2 | 242.87745 (14121317)   244.99306 (14121317)   246.07511 (14121317)   246.25298 (14121317)
245.27438 (14121317)
 4191005.2 | 256.42421 (14121317)   255.61777 (14121317)   253.78230 (14121317)   251.04320 (14121317)
247.14389 (14121317)
 4190985.2 | 262.37966 (14121317)   258.51251 (14121317)   253.63188 (14121317)   247.88048 (14121317)
241.04849 (14121317)
 4190965.2 | 260.04269 (14121317)   253.04966 (14121317)   245.14260 (14121317)   236.48741 (14121317)
228.64890 (13010717)
 4190945.2 | 248.97599 (14121317)   239.00465 (14121317)   234.84178 (13010717)   231.61258 (13010717)

227.39729 (13010717)
 4190925.2 | 240.82236 (13010717)   236.35086 (13010717)   231.11364 (13010717)   225.23822 (13010717)
218.31062 (13010717)
 4190905.2 | 234.38005 (13010717)   227.05807 (13010717)   218.85895 (13010717)   209.91359 (13010717)
200.25744 (13010717)
 4190885.2 | 218.66966 (13010717)   208.27169 (13010717)   197.16035 (13010717)   185.47164 (13010717)
173.51374 (13010717)
 4190865.2 | 192.89442 (13010717)   179.92167 (13010717)   166.66605 (13010717)   153.33646 (13010717)
151.15036 (14122717)
 4190845.2 | 159.15830 (14122717)   158.20896 (14122717)   156.95515 (14122717)   156.02387 (14091907)
157.83804 (14091907)

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: SEAPM
***
                                INCLUDING SOURCE(S):   SEAPM   ,

                                 *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                      ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 561317.30   561337.30   561357.30   561377.30
561397.30
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 4190825.2 | 172.19289 (14091907)   173.38700 (14091907)   174.21882 (14091907)   174.82441 (14091907)
175.40720 (14091907)
 4190805.2 | 187.94721 (14091907)   187.94025 (14091907)   188.04875 (14091907)   187.46153 (14091907)
186.88392 (14091907)
 4190785.2 | 198.93669 (14091907)   197.06739 (14091907)   194.83972 (14091907)   193.90442 (14091907)
192.57751 (14091907)
 4190765.2 | 203.70783 (14091907)   200.90446 (14091907)   197.36758 (14091907)   194.95163 (14091907)
192.62489 (14091907)
 4190745.2 | 202.50751 (14091907)   198.78977 (14091907)   194.71177 (14091907)   190.01357 (14091907)
186.19074 (14091907)
 4190725.2 | 193.33929 (14091907)   187.98008 (14091907)   186.36534 (13020407)   186.14381 (13020407)
185.67798 (13020407)
 4190705.2 | 208.21049 (13020407)   206.23078 (13020407)   204.69978 (13020407)   204.15611 (13020407)
202.86928 (13020407)
 4190685.2 | 221.90975 (13020407)   219.07981 (13020407)   216.23355 (13020407)   214.68427 (13020407)
212.99750 (13020407)
 4190665.2 | 228.15803 (13020407)   225.06592 (13020407)   221.83054 (13020407)   218.44600 (13020407)
215.95260 (13020407)
 4190645.2 | 227.23957 (13020407)   223.54407 (13020407)   219.65808 (13020407)   215.65108 (13020407)
212.07420 (13020407)

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: SEAPM
***
                                INCLUDING SOURCE(S):   SEAPM   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                      ** CONC OF PM_10   IN MICROGRAMS/M**3   **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
560122.00	4190978.00	1136.37081	(15011607)	560142.00	4190978.00	1114.79149	(13011807)
560162.00	4190978.00	1074.37894	(13011807)	560182.00	4190978.00	1065.67592	(14012008)
560202.00	4190978.00	1020.21696	(14012008)	560222.00	4190978.00	835.07288	(14112517)
560242.00	4190978.00	969.11599	(14112517)	560262.00	4190978.00	1011.74166	(14112517)
560102.00	4190998.00	1043.16476	(14012908)	560122.00	4190998.00	1091.05035	(15011607)
560142.00	4190998.00	1064.93887	(13011807)	560162.00	4190998.00	1029.89858	(13011807)
560182.00	4190998.00	1017.31145	(14012008)	560202.00	4190998.00	989.65499	(14012008)
560222.00	4190998.00	816.27770	(14012008)	560242.00	4190998.00	904.37380	(14112517)
560262.00	4190998.00	972.64966	(14112517)	560282.00	4190998.00	921.81234	(14112517)
560302.00	4190998.00	750.53163	(14112517)	560322.00	4190998.00	764.16082	(15021907)
560102.00	4191018.00	971.76028	(14012908)	560122.00	4191018.00	1049.43122	(15011607)
560142.00	4191018.00	1019.04094	(13011807)	560162.00	4191018.00	988.66050	(13011807)
560182.00	4191018.00	971.23958	(14012008)	560202.00	4191018.00	959.63236	(14012008)
560222.00	4191018.00	808.89440	(14012008)	560242.00	4191018.00	840.70848	(14112517)
560262.00	4191018.00	929.11730	(14112517)	560282.00	4191018.00	912.44788	(14112517)
560302.00	4191018.00	777.13772	(14112517)	560322.00	4191018.00	716.57097	(15021907)
560342.00	4191018.00	747.36029	(15021907)	560362.00	4191018.00	716.43736	(13121417)
560382.00	4191018.00	706.56557	(13121308)	560402.00	4191018.00	650.75825	(13121308)
560102.00	4191038.00	919.22966	(15011607)	560122.00	4191038.00	1010.53399	(15011607)
560142.00	4191038.00	976.51481	(13011807)	560162.00	4191038.00	950.32216	(13011807)
560182.00	4191038.00	927.33517	(14012008)	560202.00	4191038.00	930.00307	(14012008)
560222.00	4191038.00	799.92232	(14012008)	560242.00	4191038.00	777.86927	(14112517)
560262.00	4191038.00	881.82050	(14112517)	560282.00	4191038.00	895.28213	(14112517)
560302.00	4191038.00	794.94156	(14112517)	560322.00	4191038.00	664.58402	(15021907)
560342.00	4191038.00	715.90341	(15021907)	560362.00	4191038.00	711.26787	(15021907)
560382.00	4191038.00	690.20163	(13121308)	560402.00	4191038.00	661.36380	(13121308)
560422.00	4191038.00	607.10263	(15010507)	560442.00	4191038.00	603.06671	(15010507)
560462.00	4191038.00	567.11890	(15010507)	560082.00	4191058.00	1025.11492	(14012908)
560102.00	4191058.00	891.16947	(15011607)	560122.00	4191058.00	974.20849	(15011607)
560142.00	4191058.00	937.03497	(13011807)	560162.00	4191058.00	914.53186	(13011807)
560182.00	4191058.00	885.42192	(14012008)	560202.00	4191058.00	900.84814	(14012008)
560222.00	4191058.00	789.83471	(14012008)	560242.00	4191058.00	716.56017	(14112517)
560262.00	4191058.00	832.24207	(14112517)	560282.00	4191058.00	871.05839	

(14112517)
560302.00 4191058.00 803.78996 (14112517) 560322.00 4191058.00 641.29748
(14112517)
560342.00 4191058.00 677.05498 (15021907) 560362.00 4191058.00 696.76847
(15021907)
560382.00 4191058.00 666.56710 (13121417) 560402.00 4191058.00 659.27400
(13121308)
560422.00 4191058.00 606.04615 (13121308) 560442.00 4191058.00 587.64568
(15010507)
560462.00 4191058.00 571.64378 (15010507) 560082.00 4191078.00 971.37748
(14012908)
560102.00 4191078.00 865.33963 (15011607) 560122.00 4191078.00 940.08200
(15011607)
560142.00 4191078.00 900.12795 (13011807) 560162.00 4191078.00 881.06295
(13011807)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SEAPM
***

INCLUDING SOURCE(S): SEAPM ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
560182.00	4191078.00	845.47716	(14012008)	560202.00	4191078.00	872.02118	(14012008)
560222.00	4191078.00	778.56752	(14012008)	560242.00	4191078.00	666.03519	(15112108)
560262.00	4191078.00	781.22464	(14112517)	560282.00	4191078.00	840.97945	(14112517)
560302.00	4191078.00	804.28524	(14112517)	560322.00	4191078.00	670.19596	(14112517)
560342.00	4191078.00	632.72851	(15021907)	560362.00	4191078.00	672.76251	(15021907)
560382.00	4191078.00	659.34572	(15021907)	560402.00	4191078.00	645.97048	(13121308)
560422.00	4191078.00	617.73487	(13121308)	560442.00	4191078.00	562.93671	(15010507)
560462.00	4191078.00	564.93414	(15010507)	560482.00	4191078.00	537.71057	(15010507)
560502.00	4191078.00	483.11770	(15010507)	560082.00	4191098.00	918.68393	(14012908)
560102.00	4191098.00	840.95059	(15011607)	560122.00	4191098.00	907.86059	(15011607)
560142.00	4191098.00	865.79913	(13011807)	560162.00	4191098.00	849.72444	(13011807)
560182.00	4191098.00	807.29024	(14012008)	560202.00	4191098.00	843.80614	(14012008)
560222.00	4191098.00	766.35196	(14012008)	560242.00	4191098.00	622.02045	(15112108)
560262.00	4191098.00	729.63637	(14112517)	560282.00	4191098.00	806.41586	(14112517)
560302.00	4191098.00	797.18569	(14112517)	560322.00	4191098.00	691.73046	(14112517)
560342.00	4191098.00	584.83046	(15021907)	560362.00	4191098.00	641.05947	(15021907)
560382.00	4191098.00	650.95984	(15021907)	560402.00	4191098.00	622.87601	(13121308)

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       560422.00   4191098.00      617.58943  (13121308)              560442.00   4191098.00      566.83024
(13121308)
       560462.00   4191098.00      548.28176  (15010507)              560482.00   4191098.00      538.99092
(15010507)
       560502.00   4191098.00      501.98618  (15010507)              560522.00   4191098.00      440.78072
(15010507)
       560062.00   4191118.00      957.70899  (14012908)              560082.00   4191118.00      867.68314
(14012908)
       560102.00   4191118.00      817.86117  (15011607)              560122.00   4191118.00      877.36706
(15011607)
       560142.00   4191118.00      833.60594  (13011807)              560162.00   4191118.00      820.28287
(13011807)
       560182.00   4191118.00      770.72814  (14012008)              560202.00   4191118.00      815.93467
(14012008)
       560222.00   4191118.00      753.39041  (14012008)              560242.00   4191118.00      622.20446
(15010517)
       560262.00   4191118.00      678.15820  (14112517)              560282.00   4191118.00      768.49814
(14112517)
       560302.00   4191118.00      783.26829  (14112517)              560322.00   4191118.00      705.80224
(14112517)
       560342.00   4191118.00      553.10409  (14112517)              560362.00   4191118.00      603.56868
(15021907)
       560382.00   4191118.00      633.33036  (15021907)              560402.00   4191118.00      614.12416
(13121417)
       560422.00   4191118.00      606.81648  (13121308)              560442.00   4191118.00      579.13348
(13121308)
       560462.00   4191118.00      523.25487  (15010507)              560482.00   4191118.00      530.21850
(15010507)
       560502.00   4191118.00      510.42477  (15010507)              560522.00   4191118.00      465.14264
(15010507)
       560062.00   4191138.00      921.06700  (14012908)              560082.00   4191138.00      817.94109
(14012908)
       560102.00   4191138.00      795.87305  (15011607)              560122.00   4191138.00      848.51009
(15011607)
       560142.00   4191138.00      803.39279  (13011807)              560162.00   4191138.00      792.50605
(13011807)
       560182.00   4191138.00      735.95794  (14012008)              560202.00   4191138.00      788.69684
(14012008)
       560222.00   4191138.00      739.62362  (14012008)              560242.00   4191138.00      622.84070
(15010517)
       560262.00   4191138.00      636.08013  (15112108)              560282.00   4191138.00      728.07227
(14112517)
       560302.00   4191138.00      763.61589  (14112517)              560322.00   4191138.00      712.64359
(14112517)
       560342.00   4191138.00      582.42508  (14112517)              560362.00   4191138.00      561.86978
(15021907)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

PAGE  1381
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

                           *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  SEAPM
***
                               INCLUDING SOURCE(S):     SEAPM       ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                     ** CONC OF PM_10    IN MICROGRAMS/M**3                         **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)  Y-COORD (M)        CONC
(YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -
       560382.00   4191138.00      607.89638  (15021907)              560402.00   4191138.00      609.02543
(15021907)
       560422.00   4191138.00      586.78596  (13121308)              560442.00   4191138.00      580.42749
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(13121308)
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(14012908)
560082.00 4191158.00 770.01515 (14012908) 560102.00 4191158.00 774.95203
(15011607)
560122.00 4191158.00 821.13805 (15011607) 560142.00 4191158.00 775.17680
(13011807)
560162.00 4191158.00 766.29001 (13011807) 560182.00 4191158.00 702.69296
(14012008)
560202.00 4191158.00 761.90522 (14012008) 560222.00 4191158.00 725.38782
(14012008)
560242.00 4191158.00 621.54718 (15010517) 560262.00 4191158.00 600.41887
(15112108)
560282.00 4191158.00 686.08877 (14112517) 560302.00 4191158.00 739.16084
(14112517)
560322.00 4191158.00 712.68230 (14112517) 560342.00 4191158.00 605.80554
(14112517)
560362.00 4191158.00 517.47504 (15021907) 560382.00 4191158.00 576.41909
(15021907)
560402.00 4191158.00 596.82804 (15021907) 560422.00 4191158.00 577.74278
(13121417)
560442.00 4191158.00 571.73527 (13121308) 560462.00 4191158.00 544.63276
(13121308)
560482.00 4191158.00 487.32494 (15010507) 560502.00 4191158.00 498.34997
(15010507)
560062.00 4191178.00 847.83997 (14012908) 560082.00 4191178.00 723.63957
(14012908)
560102.00 4191178.00 755.01172 (15011607) 560122.00 4191178.00 795.19223
(15011607)
560142.00 4191178.00 748.45635 (13011807) 560162.00 4191178.00 741.66076
(13011807)
560182.00 4191178.00 671.03258 (14012008) 560202.00 4191178.00 735.79137
(14012008)
560222.00 4191178.00 710.48606 (14012008) 560242.00 4191178.00 618.53597
(15010517)
560322.00 4191178.00 706.55619 (14112517) 560342.00 4191178.00 623.06654
(14112517)
560362.00 4191178.00 480.73705 (14112517) 560382.00 4191178.00 540.31649
(15021907)
560402.00 4191178.00 577.01006 (15021907) 560422.00 4191178.00 570.34312
(15021907)
560442.00 4191178.00 554.48359 (13121308) 560462.00 4191178.00 547.14677
(13121308)
560482.00 4191178.00 500.88299 (13121308) 560502.00 4191178.00 479.66469
(15010507)
560062.00 4191198.00 810.95501 (14012908) 560082.00 4191198.00 679.05986
(14012908)
560102.00 4191198.00 735.91414 (15011607) 560122.00 4191198.00 770.38788
(15011607)
560142.00 4191198.00 723.31513 (13011807) 560162.00 4191198.00 718.24890
(13011807)
560182.00 4191198.00 640.85453 (14012008) 560202.00 4191198.00 710.19990
(14012008)
560222.00 4191198.00 695.25257 (14012008) 560362.00 4191198.00 509.54348
(14112517)
560382.00 4191198.00 500.99156 (15021907) 560402.00 4191198.00 550.80087
(15021907)
560422.00 4191198.00 562.86156 (15021907) 560442.00 4191198.00 544.40422
(13121417)
560462.00 4191198.00 540.33217 (13121308) 560482.00 4191198.00 513.73281
(13121308)
560042.00 4191218.00 833.32464 (17112408) 560062.00 4191218.00 774.38335
(14012908)
560082.00 4191218.00 636.57854 (14012908) 560102.00 4191218.00 717.63642
(15011607)
560122.00 4191218.00 746.78423 (15011607) 560142.00 4191218.00 699.58437
(13011807)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SEAPM ***

INCLUDING SOURCE(S): SEAPM ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
560162.00	4191218.00	696.14029	(13011807)	560182.00	4191218.00	612.86998	(13011807)
560202.00	4191218.00	685.22466	(14012008)	560222.00	4191218.00	679.73475	(14012008)
560342.00	4191218.00	639.23955	(14112517)	560362.00	4191218.00	533.54340	(14112517)
560382.00	4191218.00	459.68796	(15021907)	560402.00	4191218.00	519.81999	(15021907)
560422.00	4191218.00	547.90698	(15021907)	560442.00	4191218.00	535.29321	(13121417)
560462.00	4191218.00	525.37726	(13121308)	560482.00	4191218.00	517.20953	(13121308)
560082.00	4191238.00	595.98826	(14012908)	560102.00	4191238.00	700.08221	(15011607)
560122.00	4191238.00	724.26625	(15011607)	560142.00	4191238.00	677.08906	(13011807)
560162.00	4191238.00	675.08415	(13011807)	560182.00	4191238.00	597.20895	(13011807)
560202.00	4191238.00	660.93452	(14012008)	560222.00	4191238.00	663.85293	(14012008)
560342.00	4191238.00	638.80437	(14112517)	560362.00	4191238.00	552.45813	(14112517)
560382.00	4191238.00	420.77584	(14112517)	560402.00	4191238.00	485.16152	(15021907)
560422.00	4191238.00	526.61313	(15021907)	560442.00	4191238.00	531.08363	(15021907)
560462.00	4191238.00	513.91193	(13121417)	560182.00	4191258.00	582.29197	(13011807)
560202.00	4191258.00	637.26450	(14012008)	560322.00	4191258.00	633.72331	(14112517)
560342.00	4191258.00	633.20877	(14112517)	560362.00	4191258.00	566.26788	(14112517)
560382.00	4191258.00	448.37084	(14112517)	560402.00	4191258.00	448.08801	(15021907)
560422.00	4191258.00	500.13419	(15021907)	560442.00	4191258.00	520.42286	(15021907)
560462.00	4191258.00	507.97257	(13121417)	560322.00	4191278.00	606.99626	(14112517)
560342.00	4191278.00	623.04495	(14112517)	560362.00	4191278.00	574.94782	(14112517)
560382.00	4191278.00	472.22648	(14112517)	560402.00	4191278.00	409.64934	(15021907)
560422.00	4191278.00	469.83185	(15021907)	560442.00	4191278.00	503.54609	(15021907)
559982.00	4191298.00	760.73826	(13040307)	560002.00	4191298.00	696.85494	(17112408)
560022.00	4191298.00	751.77846	(17112408)	560042.00	4191298.00	714.57740	(14012908)
560062.00	4191298.00	633.81474	(14012908)	560302.00	4191298.00	524.78591	

(15112108)
560322.00 4191298.00 578.15366 (14112517) 560342.00 4191298.00 608.81596 (14112517)
560362.00 4191298.00 578.69462 (14112517) 560382.00 4191298.00 491.95652 (14112517)
560402.00 4191298.00 370.93833 (15021907) 560422.00 4191298.00 436.69228 (15021907)
560442.00 4191298.00 481.20083 (15021907) 559962.00 4191318.00 765.55352 (13040307)
559982.00 4191318.00 719.54673 (13040307) 560002.00 4191318.00 693.43050 (17112408)
560022.00 4191318.00 729.55502 (17112408) 560042.00 4191318.00 688.92891 (14012908)
560062.00 4191318.00 600.73289 (14012908) 560082.00 4191318.00 543.82482 (15011607)
560102.00 4191318.00 635.89376 (15011607) 560122.00 4191318.00 643.69959 (15011607)
560142.00 4191318.00 598.34013 (13011807) 560162.00 4191318.00 600.93960 (13011807)
560302.00 4191318.00 501.10643 (15112108) 560322.00 4191318.00 547.77557 (14112517)
560342.00 4191318.00 591.00501 (14112517) 560362.00 4191318.00 577.80075 (14112517)
560382.00 4191318.00 507.41728 (14112517) 560402.00 4191318.00 396.84692 (14112517)
560422.00 4191318.00 401.75365 (15021907) 559962.00 4191338.00 743.89409 (13040307)
559982.00 4191338.00 676.70370 (13040307) 560002.00 4191338.00 687.43797 (17112408)
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560102.00 4191338.00 621.21675 (15011607) 560122.00 4191338.00 625.64258 (15011607)
560142.00 4191338.00 581.06764 (13011807) 560162.00 4191338.00 584.52347 (13011807)
560182.00 4191338.00 528.26592 (13011807) 560202.00 4191338.00 549.49157 (14012008)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SEAPM ***
INCLUDING SOURCE(S): SEAPM ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
560222.00	4191338.00	583.30199	(14012008)	560242.00	4191338.00	554.52807	(14012008)
560302.00	4191338.00	476.40553	(15112108)	560322.00	4191338.00	516.39645	(14112517)
560342.00	4191338.00	570.32145	(14112517)	560362.00	4191338.00	572.58792	(14112517)
560382.00	4191338.00	518.56923	(14112517)	560402.00	4191338.00	419.99133	(14112517)
560422.00	4191338.00	366.06033	(15021907)	559962.00	4191358.00	717.77569	(13040307)

559982.00 4191358.00 632.69545 (13040307) 560002.00 4191358.00 678.92229 (17112408)
560022.00 4191358.00 681.05798 (17112408) 560042.00 4191358.00 637.20580 (14012908)
560062.00 4191358.00 537.56563 (14012908) 560082.00 4191358.00 526.56031 (15011607)
560102.00 4191358.00 607.07046 (15011607) 560122.00 4191358.00 608.28945 (15011607)
560142.00 4191358.00 564.54340 (13011807) 560162.00 4191358.00 568.79813 (13011807)
560182.00 4191358.00 516.05809 (13011807) 560202.00 4191358.00 529.13366 (14012008)
560222.00 4191358.00 567.35827 (14012008) 560242.00 4191358.00 545.83405 (14012008)
560262.00 4191358.00 499.04608 (15010517) 560282.00 4191358.00 398.17640 (15010517)
560302.00 4191358.00 450.97004 (15112108) 560322.00 4191358.00 499.17764 (15112108)
560342.00 4191358.00 547.26269 (14112517) 560362.00 4191358.00 563.52427 (14112517)
560382.00 4191358.00 525.46260 (14112517) 560402.00 4191358.00 439.95468 (14112517)
559962.00 4191378.00 687.95894 (13040307) 559982.00 4191378.00 588.20276 (13040307)
560002.00 4191378.00 668.13701 (17112408) 560022.00 4191378.00 655.48051 (17112408)
560042.00 4191378.00 611.35210 (14012908) 560062.00 4191378.00 507.71397 (14012908)
560082.00 4191378.00 518.22381 (15011607) 560102.00 4191378.00 593.35119 (15011607)
560122.00 4191378.00 591.69533 (15011607) 560142.00 4191378.00 548.85869 (13011807)
560162.00 4191378.00 553.86217 (13011807) 560182.00 4191378.00 504.32721 (13011807)
560202.00 4191378.00 509.56214 (14012008) 560222.00 4191378.00 551.40187 (14012008)
560242.00 4191378.00 536.86751 (14012008) 560262.00 4191378.00 495.75961 (15010517)
560282.00 4191378.00 404.46013 (15010517) 560302.00 4191378.00 425.18452 (15112108)
560322.00 4191378.00 481.44500 (15112108) 560342.00 4191378.00 522.27150 (14112517)
559982.00 4191398.00 588.46521 (17112408) 560002.00 4191398.00 655.39194 (17112408)
560022.00 4191398.00 629.06642 (17112408) 560042.00 4191398.00 585.63609 (14012908)
560062.00 4191398.00 478.97158 (14012908) 560082.00 4191398.00 510.03236 (15011607)
560102.00 4191398.00 580.05049 (15011607) 560122.00 4191398.00 575.69689 (15011607)
560142.00 4191398.00 533.79460 (13011807) 560162.00 4191398.00 539.50228 (13011807)
560182.00 4191398.00 493.08580 (13011807) 560202.00 4191398.00 490.62195 (14012008)
560222.00 4191398.00 535.72639 (14012008) 560242.00 4191398.00 527.55747 (14012008)
560262.00 4191398.00 491.47928 (15010517) 560282.00 4191398.00 409.69070 (15010517)
559982.00 4191418.00 590.23323 (17112408) 560002.00 4191418.00 641.07426 (17112408)
560022.00 4191418.00 610.56734 (14012908) 560042.00 4191418.00 560.16206 (14012908)
560062.00 4191418.00 451.44693 (14012908) 560082.00 4191418.00 502.00017 (15011607)
560102.00 4191418.00 567.18131 (15011607) 560122.00 4191418.00 560.33289 (15011607)
560142.00 4191418.00 519.47793 (13011807) 560162.00 4191418.00 525.74965 (13011807)
560182.00 4191418.00 482.15523 (13011807) 560202.00 4191418.00 472.29189

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SEAPM ***

INCLUDING SOURCE(S): SEAPM ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
560222.00	4191418.00	520.25124	(14012008)	560242.00	4191418.00	517.76279	(14012008)
560262.00	4191418.00	486.20169	(15010517)	560002.00	4191438.00	624.67391	(17112408)
560022.00	4191438.00	592.65360	(14012908)	560042.00	4191438.00	535.19756	(14012908)
560062.00	4191438.00	425.16272	(14012908)	560082.00	4191438.00	494.06627	(15011607)
560102.00	4191438.00	554.71617	(15011607)	560122.00	4191438.00	545.59011	(15011607)
560142.00	4191438.00	505.77387	(13011807)	560162.00	4191438.00	512.57456	(13011807)
560182.00	4191438.00	471.67226	(13011807)	560202.00	4191438.00	454.59896	(14012008)
560222.00	4191438.00	504.91181	(14012008)	560242.00	4191438.00	507.88418	(14012008)
560262.00	4191438.00	480.17649	(15010517)	560042.00	4191458.00	510.51409	(14012908)
560062.00	4191458.00	400.08334	(14012908)	560082.00	4191458.00	486.33778	(15011607)
560102.00	4191458.00	542.65363	(15011607)	560122.00	4191458.00	531.39510	(15011607)
560142.00	4191458.00	492.66872	(13011807)	560162.00	4191458.00	499.97416	(13011807)
560182.00	4191458.00	461.60114	(13011807)	560202.00	4191458.00	437.49414	(14012008)
560222.00	4191458.00	489.89797	(14012008)	560242.00	4191458.00	497.73034	(14012008)
560262.00	4191458.00	473.38451	(15010517)	560142.00	4191478.00	480.13035	(13011807)
560162.00	4191478.00	487.89523	(13011807)	560182.00	4191478.00	451.83588	(13011807)
560202.00	4191478.00	421.10020	(14012008)	560222.00	4191478.00	475.09803	(14012008)
560242.00	4191478.00	487.33436	(14012008)	560155.00	4190663.00	3870.77567	(13011807)
560175.00	4190663.00	3211.33092	(14012008)	560115.00	4190683.00	3484.98102	(14012908)
560135.00	4190683.00	3458.39294	(13011807)	560155.00	4190683.00	3204.89504	(13011807)
560175.00	4190683.00	2785.83226	(14012008)	560095.00	4190703.00	3418.07884	(13040307)
560115.00	4190703.00	3122.70831	(14012908)	560135.00	4190703.00	2946.80970	(13011807)
560155.00	4190703.00	2783.68368	(13011807)	560175.00	4190703.00	2490.25147	(14012008)
560095.00	4190723.00	3009.24948	(13040307)	560115.00	4190723.00	2746.35994	(14012908)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SEAPM ***

INCLUDING SOURCE(S): SEAPM ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
560135.00	4190723.00	2590.40660	(13011807)	560155.00	4190723.00	2483.50046	(13011807)
560175.00	4190723.00	2266.17552	(14012008)	560195.00	4190723.00	2148.25666	(14112517)
560095.00	4190743.00	2656.58848	(13040307)	560115.00	4190743.00	2455.40341	(14012908)
560135.00	4190743.00	2324.53499	(13011807)	560155.00	4190743.00	2252.57833	(13011807)
560175.00	4190743.00	2086.16722	(14012008)	560195.00	4190743.00	1965.65331	(14112517)
560075.00	4190763.00	2561.46987	(13040307)	560095.00	4190763.00	2375.78688	(13040307)
560115.00	4190763.00	2224.75401	(14012908)	560135.00	4190763.00	2115.19239	(13011807)
560155.00	4190763.00	2066.25029	(13011807)	560175.00	4190763.00	1935.64254	(14012008)
560195.00	4190763.00	1792.72685	(14112517)	560215.00	4190763.00	1736.00634	(14112517)
560075.00	4190783.00	2349.27626	(13040307)	560095.00	4190783.00	2170.24773	(17112408)
560115.00	4190783.00	2035.35741	(14012908)	560135.00	4190783.00	1944.04424	(13011807)
560155.00	4190783.00	1911.19838	(13011807)	560175.00	4190783.00	1806.39195	(14012008)
560195.00	4190783.00	1632.81296	(14112517)	560215.00	4190783.00	1659.90097	(14112517)
560235.00	4190783.00	1398.32654	(14112517)	560075.00	4190803.00	2162.82597	(13040307)
560095.00	4190803.00	2008.14772	(17112408)	560115.00	4190803.00	1874.52567	(14012908)
560135.00	4190803.00	1800.28715	(13011807)	560155.00	4190803.00	1779.25280	(13011807)
560175.00	4190803.00	1692.88743	(14012008)	560195.00	4190803.00	1485.95852	(14112517)
560215.00	4190803.00	1570.18697	(14112517)	560235.00	4190803.00	1402.33347	(14112517)
560255.00	4190803.00	1219.22290	(15021907)	560275.00	4190803.00	1144.67316	(13121308)
560075.00	4190823.00	1997.77869	(13040307)	560095.00	4190823.00	1870.79346	(14012908)
560115.00	4190823.00	1733.62416	(14012908)	560135.00	4190823.00	1674.38533	(13011807)
560155.00	4190823.00	1661.26669	(13011807)	560175.00	4190823.00	1590.77345	(14012008)
560195.00	4190823.00	1392.01547	(14012008)	560215.00	4190823.00	1473.20840	(14112517)
560235.00	4190823.00	1387.21315	(14112517)	560255.00	4190823.00	1154.89172	(15021907)
560275.00	4190823.00	1110.81525	(15021907)	560295.00	4190823.00	1045.32277	

(13121308)
       560315.00   4190823.00   971.26798 (15010507)   560115.00   4190843.00   1606.69865
(14012908)
       560135.00   4190843.00   1566.46648 (13011807)   560155.00   4190843.00   1559.66005
(13011807)
       560175.00   4190843.00   1497.86456 (14012008)   560195.00   4190843.00   1342.56121
(14012008)
       560215.00   4190843.00   1373.81923 (14112517)   560235.00   4190843.00   1354.91223
(14112517)
       560255.00   4190843.00   1121.18043 (14112517)   560275.00   4190843.00   1081.54422
(15021907)
       560295.00   4190843.00   1023.72660 (13121308)   560315.00   4190843.00   942.87654
(13121308)
       560335.00   4190843.00   897.55970 (15010507)   560195.00   4190863.00   1293.15762
(14012008)
       560215.00   4190863.00   1275.20821 (14112517)   560235.00   4190863.00   1308.69248
(14112517)
       560255.00   4190863.00   1141.62402 (14112517)   560275.00   4190863.00   1035.96782
(15021907)
       560295.00   4190863.00   988.87437 (15021907)   560315.00   4190863.00   943.45685
(13121308)
       560335.00   4190863.00   878.91766 (15010507)   560075.00   4190883.00   1589.62584
(13040307)
       560095.00   4190883.00   1555.09884 (14012908)   560115.00   4190883.00   1380.81230
(14012908)
       560255.00   4190883.00   1146.80986 (14112517)   560275.00   4190883.00   977.01695
(15021907)
       560295.00   4190883.00   972.23232 (15021907)   560315.00   4190883.00   927.68400
(13121308)
       560335.00   4190883.00   855.21669 (13121308)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: SEAWALL
***
                               INCLUDING SOURCE(S):   L0000369   , L0000370   , L0000371   , L0000372   ,
L0000373   ,
               L0000374   , L0000375   , L0000376   , L0000377   , L0000378   , L0000379   , L0000380   ,
L0000381   ,
               L0000382   , L0000383   , L0000384   , L0000385   , L0000386   , L0000387   , L0000388   ,
L0000389   ,
               L0000390   , L0000391   , L0000392   , L0000393   , L0000394   , L0000395   , L0000396   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 559917.30   559937.30   559957.30   559977.30
559997.30
 -
- - - - - - - -

 4191625.2 | 299.08119 (13040307)   293.09925 (14122007)   311.35726 (17112408)   313.50116 (17112408)
292.55250 (17112408)
 4191605.2 | 311.59445 (13040307)   296.39530 (14122007)   316.06432 (17112408)   322.13984 (17112408)
303.89142 (17112408)
 4191585.2 | 323.71348 (13040307)   298.86778 (14122007)   320.24141 (17112408)   330.57075 (17112408)
315.20290 (17112408)
 4191565.2 | 335.28613 (13040307)   309.90697 (13040307)   323.82399 (17112408)   338.60174 (17112408)
325.73374 (17112408)
 4191545.2 | 346.14660 (13040307)   325.02762 (13040307)   326.46779 (17112408)   346.07485 (17112408)

336.32180 (17112408)
 4191525.2 | 356.04903 (13040307)   339.68500 (13040307)   330.61876 (14122007)   352.87343 (17112408)
347.57314 (17112408)
 4191505.2 | 364.93493 (13040307)   354.45984 (13040307)   335.45762 (14122007)   359.90927 (17112408)
359.98143 (17112408)
 4191485.2 | 372.54094 (13040307)   368.71728 (13040307)   339.33928 (14122007)   366.24933 (17112408)
371.60670 (17112408)
 4191465.2 | 378.66117 (13040307)   382.25455 (13040307)   353.85838 (13040307)   371.94145 (17112408)
382.75892 (17112408)
 4191445.2 | 383.16553 (13040307)   395.56649 (13040307)   373.14927 (13040307)   377.79035 (17112408)
394.60398 (17112408)
 4191425.2 | 385.69106 (13040307)   407.20346 (13040307)   391.84468 (13040307)   382.47366 (17112408)
405.78392 (17112408)
 4191405.2 | 386.11308 (13040307)   417.22449 (13040307)   409.87820 (13040307)   386.10843 (14122007)
415.87492 (17112408)
 4191385.2 | 384.55272 (13040307)   425.62213 (13040307)   427.06877 (13040307)   392.22512 (14122007)
425.51324 (17112408)
 4191365.2 | 380.12440 (13040307)   432.02527 (13040307)   443.30942 (13040307)   411.78024 (13040307)
434.49935 (17112408)
 4191345.2 | 373.20099 (13040307)   436.07269 (13040307)   458.29626 (13040307)   434.50602 (13040307)
442.71257 (17112408)
 4191325.2 | 363.58660 (13040307)   437.55914 (13040307)   471.69763 (13040307)   456.98570 (13040307)
450.02308 (17112408)
 4191305.2 | 351.23637 (13040307)   436.41137 (13040307)   483.15614 (13040307)   479.11037 (13040307)
456.39957 (17112408)
 4191285.2 | 336.08647 (13040307)   431.74235 (13040307)   492.30622 (13040307)   499.94060 (13040307)
461.57347 (17112408)
 4191265.2 | 318.39585 (13040307)   423.99826 (13040307)   498.55444 (13040307)   520.06450 (13040307)
484.54285 (13040307)
 4191245.2 | 298.26295 (13040307)   412.78710 (13040307)   501.69553 (13040307)   537.98140 (13040307)
513.04874 (13040307)
 4191225.2 | 275.96412 (13040307)   398.01180 (13040307)   501.42267 (13040307)   554.00394 (13040307)
541.41305 (13040307)
 4191205.2 | 257.17480 (14122308)   379.66539 (13040307)   497.22253 (13040307)   567.53650 (13040307)
569.34827 (13040307)
 4191185.2 | 286.45517 (14122308)   357.85366 (13040307)   489.00588 (13040307)   577.95522 (13040307)
595.66626 (13040307)
 4191165.2 | 315.84392 (14122308)   332.81803 (13040307)   476.04727 (13040307)   583.68667 (13040307)
620.62311 (13040307)
 4191145.2 | 344.28041 (14122308)   304.95550 (13040307)   457.94947 (13040307)   586.37963 (13040307)
643.81691 (13040307)
 4191125.2 | 370.45010 (14122308)   334.75953 (14122308)   435.03939 (13040307)   582.98454 (13040307)
664.18636 (13040307)
 4191105.2 | 392.81170 (14122308)   369.47422 (14122308)   407.51491 (13040307)   574.18463 (13040307)
680.76894 (13040307)
 4191085.2 | 409.75105 (14122308)   402.49735 (14122308)   375.54417 (13040307)   559.10310 (13040307)
692.87254 (13040307)
 4191065.2 | 423.79982 (16010407)   431.84078 (14122308)   396.48208 (14122308)   537.26957 (13040307)
699.50380 (13040307)
 4191045.2 | 455.99734 (16010407)   455.26116 (14122308)   438.06259 (14122308)   508.41012 (13040307)
699.55784 (13040307)
 4191025.2 | 478.23508 (16010407)   470.50725 (14122308)   476.60034 (14122308)   472.55754 (13040307)
691.84179 (13040307)
 4191005.2 | 487.23202 (16010407)   507.98990 (16010407)   509.22930 (14122308)   477.62472 (14122308)
675.13545 (13040307)
 4190985.2 | 480.82500 (16010407)   535.52134 (16010407)   532.62547 (14122308)   528.46294 (14122308)
648.31135 (13040307)
 4190965.2 | 484.03900 (13121607)   546.54750 (16010407)   571.83898 (16010407)   574.01476 (14122308)
610.53847 (13040307)
 4190945.2 | 475.50746 (13121607)   538.17692 (16010407)   606.63440 (16010407)   609.63217 (14122308)
588.27828 (14122308)
 4190925.2 | 483.00062 (16120817)   538.12895 (13121607)   620.30795 (16010407)   652.52964 (16010407)
652.51580 (14122308)
 4190905.2 | 545.04784 (13032907)   526.99331 (16120817)   608.92575 (16010407)   697.75570 (16010407)
707.18800 (14122308)
 4190885.2 | 597.89057 (13032907)   578.83626 (13032907)   601.85651 (13121607)   714.95659 (16010407)
758.34764 (16010407)
 4190865.2 | 618.54510 (13032907)   647.68199 (13032907)   615.56628 (13032907)   698.46159 (16010407)
818.61820 (16010407)

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: SEAWALL
***
                                INCLUDING SOURCE(S):   L0000369   , L0000370   , L0000371   , L0000372   ,
L0000373   ,
                L0000374   , L0000375   , L0000376   , L0000377   , L0000378   , L0000379   , L0000380   ,
L0000381   ,
                L0000382   , L0000383   , L0000384   , L0000385   , L0000386   , L0000387   , L0000388   ,
L0000389   ,
                L0000390   , L0000391   , L0000392   , L0000393   , L0000394   , L0000395   , L0000396   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 559917.30   559937.30   559957.30   559977.30
559997.30
 -
- - - - - - - -

 4190825.2 | 611.07145 (16011807)   672.71721 (13032907)   752.43415 (13032907)   771.10517 (13032907)
817.08728 (16010407)
 4190805.2 | 602.70659 (15102707)   668.71468 (16011807)   753.18425 (13032907)   840.20202 (13032907)
852.12507 (13032907)
 4190785.2 | 609.79049 (15020308)   658.88138 (15102707)   738.13107 (16011807)   852.33175 (13032907)
949.75342 (13032907)
 4190765.2 | 610.37407 (15020308)   667.68956 (15020308)   725.63591 (15102707)   823.63974 (16011807)
977.87180 (13032907)
 4190745.2 | 603.33905 (16011808)   662.52659 (16011808)   733.35461 (15020308)   806.34872 (15102707)
937.87279 (13032907)
 4190725.2 | 609.75345 (13121108)   651.88452 (13121108)   720.32760 (16011808)   810.69321 (15020308)
908.38025 (15102707)
 4190705.2 | 594.73131 (13121108)   655.61644 (13121108)   717.51187 (13121108)   785.98801 (16011808)
904.02645 (15020308)
 4190685.2 | 554.74906 (13121108)   625.94601 (13121108)   702.77320 (13121108)   786.58228 (13121108)
879.07263 (13121108)
 4190665.2 | 509.80678 (15021108)   573.83582 (13121108)   658.27781 (13121108)   752.99249 (13121108)
862.35743 (13121108)
 4190645.2 | 490.88992 (16120108)   535.01207 (15021108)   593.78726 (13121108)   693.68449 (13121108)
809.67850 (13121108)

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: SEAWALL
***
                                INCLUDING SOURCE(S):   L0000369   , L0000370   , L0000371   , L0000372   ,
L0000373   ,
                L0000374   , L0000375   , L0000376   , L0000377   , L0000378   , L0000379   , L0000380   ,
L0000381   ,
                L0000382   , L0000383   , L0000384   , L0000385   , L0000386   , L0000387   , L0000388   ,
L0000389   ,
                L0000390   , L0000391   , L0000392   , L0000393   , L0000394   , L0000395   , L0000396   ,
. . .   ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	560017.30	560037.30	560057.30	560077.30	560097.30
4191625.2	254.79971 (14012908)	223.89453 (14012908)	250.41202 (15011607)	281.41953 (15011607)	293.63564 (15011607)
4191605.2	265.71434 (17112408)	233.54654 (14012908)	254.33794 (15011607)	287.03376 (15011607)	300.26282 (15011607)
4191585.2	278.17468 (17112408)	243.49533 (14012908)	258.31371 (15011607)	292.86941 (15011607)	307.11920 (15011607)
4191565.2	290.24026 (17112408)	253.50688 (14012908)	262.04825 (15011607)	298.63520 (15011607)	314.10620 (15011607)
4191545.2	302.98620 (17112408)	263.96668 (14012908)	265.64499 (15011607)	304.39623 (15011607)	321.44893 (15011607)
4191525.2	316.59478 (17112408)	274.91992 (14012908)	269.10427 (15011607)	310.18110 (15011607)	329.17643 (15011607)
4191505.2	331.01472 (17112408)	286.33355 (14012908)	273.01378 (15011607)	316.43278 (15011607)	337.06630 (15011607)
4191485.2	345.62842 (17112408)	298.22339 (14012908)	277.50195 (15011607)	323.64097 (15011607)	346.08615 (15011607)
4191465.2	360.40863 (17112408)	311.30818 (17112408)	281.98973 (15011607)	330.54863 (15011607)	354.92333 (15011607)
4191445.2	376.35955 (17112408)	328.56584 (17112408)	286.01729 (15011607)	337.42039 (15011607)	363.79634 (15011607)
4191425.2	391.88148 (17112408)	345.51906 (17112408)	295.86109 (14012908)	344.50222 (15011607)	373.01431 (15011607)
4191405.2	407.10013 (17112408)	363.13968 (17112408)	310.10327 (14012908)	351.80398 (15011607)	382.59657 (15011607)
4191385.2	422.51191 (17112408)	381.38095 (17112408)	324.98948 (14012908)	359.33643 (15011607)	392.56401 (15011607)
4191365.2	437.93149 (17112408)	400.22057 (17112408)	340.53542 (14012908)	367.11131 (15011607)	402.93931 (15011607)
4191345.2	453.27299 (17112408)	419.62865 (17112408)	356.75497 (14012908)	375.14155 (15011607)	413.74715 (15011607)
4191325.2	468.43974 (17112408)	439.56692 (17112408)	373.65976 (14012908)	383.44142 (15011607)	425.01448 (15011607)
4191305.2	483.32362 (17112408)	459.98808 (17112408)	395.61233 (17112408)	392.02674 (15011607)	436.77080 (15011607)
4191285.2	497.80427 (17112408)	480.83499 (17112408)	418.63360 (17112408)	400.91520 (15011607)	449.04855 (15011607)
4191265.2	511.74831 (17112408)	502.04013 (17112408)	442.70395 (17112408)	410.12660 (15011607)	461.88352 (15011607)
4191245.2	525.00840 (17112408)	523.52485 (17112408)	467.82168 (17112408)	419.68328 (15011607)	475.31538 (15011607)
4191225.2	537.42211 (17112408)	545.19887 (17112408)	493.97785 (17112408)	429.61055 (15011607)	489.38827 (15011607)
4191205.2	549.00467 (17112408)	567.17491 (17112408)	521.25836 (17112408)	439.93723 (15011607)	504.15154 (15011607)
4191185.2	558.75423 (17112408)	588.52006 (17112408)	549.53912 (17112408)	459.55585 (14012908)	519.66064 (15011607)
4191165.2	579.62420 (13040307)	609.91854 (17112408)	577.94404 (17112408)	489.24694 (17112408)	535.97821 (15011607)
4191145.2	616.71183 (13040307)	631.20149 (17112408)	608.00928 (17112408)	521.75105 (17112408)	553.17537 (15011607)
4191125.2	653.79040 (13040307)	652.02320 (17112408)	638.96657 (17112408)	556.07877 (17112408)	571.33330 (15011607)
4191105.2	690.39262 (13040307)	672.20171 (17112408)	670.77114 (17112408)	592.28039 (17112408)	590.54527 (15011607)
4191085.2	725.96258 (13040307)	691.53069 (17112408)	703.37742 (17112408)	630.40820 (17112408)	610.91906 (15011607)
4191065.2	759.83354 (13040307)	709.77334 (17112408)	736.74168 (17112408)	670.52102 (17112408)	632.57998 (15011607)

 4191045.2 | 791.19492 (13040307)   759.62914 (13040307)   770.82493 (17112408)   712.49602 (17112408)
655.67479 (15011607)
 4191025.2 | 819.04580 (13040307)   810.68998 (13040307)   805.59570 (17112408)   755.93336 (17112408)
681.20435 (15011607)
 4191005.2 | 842.13325 (13040307)   862.23165 (13040307)   839.54077 (17112408)   801.08756 (17112408)
707.11656 (15011607)
 4190985.2 | 858.87843 (13040307)   913.25041 (13040307)   871.66263 (17112408)   847.21121 (17112408)
735.76882 (15011607)
 4190965.2 | 867.30192 (13040307)   964.05853 (13040307)   907.74247 (17112408)   895.53033 (17112408)
778.41485 (17112408)
 4190945.2 | 863.75569 (13040307)   1009.89938 (13040307)   957.67884 (13040307)   948.08048 (17112408)
834.20627 (17112408)
 4190925.2 | 845.26213 (13040307)   1048.92648 (13040307)   1031.43588 (13040307)   1005.01351 (17112408)
895.53546 (17112408)
 4190905.2 | 812.50186 (13040307)   1088.07429 (13040307)   1110.71472 (13040307)   1065.86463 (17112408)
962.70392 (17112408)
 4190885.2 | 762.58588 (13040307)   1118.05494 (13040307)   1194.94025 (13040307)   1131.41419 (17112408)
1035.43782 (17112408)
 4190865.2 | 835.79326 (14122308)   1133.53344 (13040307)   1284.69454 (13040307)   1202.70196 (17112408)
1114.88596 (17112408)
 4190845.2 | 903.71910 (16010407)   1127.00451 (13040307)   1380.08231 (13040307)   1281.13838 (17112408)
1202.67760 (17112408)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: SEAWALL
***
                               INCLUDING SOURCE(S):   L0000369   , L0000370   , L0000371   , L0000372   ,
L0000373   ,
                L0000374   , L0000375   , L0000376   , L0000377   , L0000378   , L0000379   , L0000380   ,
L0000381   ,
                L0000382   , L0000383   , L0000384   , L0000385   , L0000386   , L0000387   , L0000388   ,
L0000389   ,
                L0000390   , L0000391   , L0000392   , L0000393   , L0000394   , L0000395   , L0000396   ,
. . .   ,

                               *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                    ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560017.30   560037.30   560057.30   560077.30
560097.30
 -
- - - - - - - -

 4190825.2 | 990.55200 (16010407)   1098.58927 (13040307)   1483.77652 (13040307)   1398.15883 (13040307)
1301.09695 (17112408)
 4190805.2 | 1019.15683 (16010407)   1147.58609 (14122308)   1589.27886 (13040307)   1548.43656 (13040307)
1413.29116 (17112408)
 4190785.2 | 983.30097 (16010407)   1174.20093 (16010407)   1528.43612 (13040307)   1674.86307 (13040307)
1543.48056 (17112408)
 4190765.2 | 1092.69351 (13032907)   1248.28596 (16010407)   1407.96266 (13040307)   1782.14144 (13040307)
1692.50031 (17112408)
 4190745.2 | 1144.75205 (13032907)   1220.31541 (13032907)   1397.92731 (16010407)   1949.25003 (13040307)
1861.33059 (17112408)
 4190725.2 | 1107.73955 (13032907)   1386.67152 (13032907)   1446.46128 (16010407)   2019.78970 (13040307)
2065.19005 (13040307)
 4190705.2 | 1041.97551 (15102707)   1351.59056 (13032907)   1620.15544 (13032907)   1865.89885 (13040307)
2241.63036 (13040307)
 4190685.2 | 1021.89945 (15020308)   1232.32365 (13032907)   1539.58691 (13032907)   1756.12003 (13040307)
2158.03929 (13040307)
 4190665.2 | 993.50575 (13121108)   1180.00698 (15020308)   1442.97114 (13032907)   1647.35828 (13032907)
2246.00827 (13040307)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: SEAWALL
***
                                INCLUDING SOURCE(S):   L0000369   , L0000370   , L0000371   , L0000372   ,
L0000373   ,
                L0000374   , L0000375   , L0000376   , L0000377   , L0000378   , L0000379   , L0000380   ,
L0000381   ,
                L0000382   , L0000383   , L0000384   , L0000385   , L0000386   , L0000387   , L0000388   ,
L0000389   ,
                L0000390   , L0000391   , L0000392   , L0000393   , L0000394   , L0000395   , L0000396   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560117.30   560137.30   560157.30   560177.30
560197.30
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 4191625.2 | 284.87406 (15011607)   257.26366 (15011607)   216.37752 (15011607)   174.49045 (16020608)
194.35091 (16020608)
 4191605.2 | 291.83168 (15011607)   263.68610 (15011607)   221.61540 (15011607)   179.66077 (16020608)
199.12241 (16020608)
 4191585.2 | 299.05616 (15011607)   270.36534 (15011607)   227.06131 (15011607)   185.00159 (16020608)
204.00040 (16020608)
 4191565.2 | 305.83553 (15011607)   276.52281 (15011607)   232.05141 (15011607)   190.03319 (16020608)
208.69948 (16020608)
 4191545.2 | 313.73945 (15011607)   283.57818 (15011607)   237.54823 (15011607)   195.43680 (16020608)
215.65494 (15010517)
 4191525.2 | 322.47649 (15011607)   291.61870 (15011607)   243.76641 (15011607)   201.37588 (16020608)
225.83569 (15010517)
 4191505.2 | 330.91929 (15011607)   300.16828 (15011607)   251.52705 (15011607)   208.43686 (16020608)
237.44694 (15010517)
 4191485.2 | 340.55039 (15011607)   309.06856 (15011607)   258.82866 (15011607)   215.13313 (16020608)
248.71625 (15010517)
 4191465.2 | 350.10708 (15011607)   317.90763 (15011607)   265.90003 (15011607)   221.59642 (16020608)
260.12154 (15010517)
 4191445.2 | 359.72307 (15011607)   326.91738 (15011607)   273.24957 (15011607)   228.34022 (16020608)
272.13271 (15010517)
 4191425.2 | 369.75605 (15011607)   336.33781 (15011607)   280.93592 (15011607)   235.30854 (16020608)
284.64080 (15010517)
 4191405.2 | 380.23124 (15011607)   346.19505 (15011607)   288.98122 (15011607)   244.13160 (14012008)
297.65814 (15010517)
 4191385.2 | 391.17588 (15011607)   356.51738 (15011607)   297.40954 (15011607)   254.14957 (14012008)
311.19645 (15010517)
 4191365.2 | 402.61950 (15011607)   367.33548 (15011607)   306.24709 (15011607)   264.66027 (14012008)
325.26663 (15010517)
 4191345.2 | 414.59410 (15011607)   378.68269 (15011607)   315.52248 (15011607)   275.69032 (14012008)
339.87859 (15010517)
 4191325.2 | 427.13451 (15011607)   390.59528 (15011607)   325.26697 (15011607)   290.08512 (15010517)
355.04090 (15010517)
 4191305.2 | 440.27867 (15011607)   403.11279 (15011607)   335.51481 (15011607)   305.50287 (15010517)
370.76050 (15010517)
 4191285.2 | 454.06805 (15011607)   416.27839 (15011607)   346.30357 (15011607)   321.71953 (15010517)
387.04228 (15010517)
 4191265.2 | 468.54810 (15011607)   430.13935 (15011607)   357.67455 (15011607)   338.77328 (15010517)
403.88858 (15010517)

 4191245.2 | 483.76878 (15011607)   444.74749 (15011607)   369.67330 (15011607)   356.70387 (15010517)
421.29871 (15010517)
 4191225.2 | 499.78523 (15011607)   460.15980 (15011607)   382.35012 (15011607)   375.55243 (15010517)
439.26831 (15010517)
 4191205.2 | 516.65848 (15011607)   476.43905 (15011607)   395.76071 (15011607)   395.36108 (15010517)
457.78891 (15010517)
 4191185.2 | 534.45641 (15011607)   493.65463 (15011607)   409.96691 (15011607)   416.17231 (15010517)
476.84740 (15010517)
 4191165.2 | 553.25486 (15011607)   511.88341 (15011607)   425.03758 (15011607)   438.02816 (15010517)
496.42579 (15010517)
 4191145.2 | 573.13899 (15011607)   531.21085 (15011607)   441.04961 (15011607)   460.96910 (15010517)
516.50123 (15010517)
 4191125.2 | 594.20494 (15011607)   551.73223 (15011607)   458.08914 (15011607)   485.03277 (15010517)
537.04644 (15010517)
 4191105.2 | 616.56194 (15011607)   573.55423 (15011607)   476.25299 (15011607)   510.25261 (15010517)
558.03078 (15010517)
 4191085.2 | 640.33492 (15011607)   596.79674 (15011607)   495.65043 (15011607)   536.65670 (15010517)
579.42186 (15010517)
 4191065.2 | 665.66776 (15011607)   621.59511 (15011607)   516.40525 (15011607)   564.26690 (15010517)
601.18806 (15010517)
 4191045.2 | 692.72752 (15011607)   648.10287 (15011607)   538.65838 (15011607)   593.09896 (15010517)
623.30179 (15010517)
 4191025.2 | 722.02041 (15011607)   676.49522 (15011607)   562.57101 (15011607)   623.16375 (15010517)
645.74347 (15010517)
 4191005.2 | 753.46476 (15011607)   706.97325 (15011607)   588.32861 (15011607)   654.47019 (15010517)
668.50631 (15010517)
 4190985.2 | 787.12148 (15011607)   739.76952 (15011607)   616.14588 (15011607)   687.03020 (15010517)
691.60154 (15010517)
 4190965.2 | 822.72282 (15011607)   775.73351 (15011607)   646.63697 (15010517)   720.86611 (15010517)
715.53285 (15010517)
 4190945.2 | 858.62972 (15011607)   811.51053 (15011607)   690.20321 (15010517)   756.21143 (15010517)
737.15506 (15010517)
 4190925.2 | 896.32462 (15011607)   844.92058 (15011607)   726.99452 (15010517)   783.06017 (15010517)
752.63168 (15010517)
 4190905.2 | 942.67817 (15011607)   888.93358 (15011607)   774.29983 (15010517)   819.66200 (15010517)
776.23779 (15010517)
 4190885.2 | 993.89061 (15011607)   939.79176 (15011607)   828.53129 (15010517)   859.10721 (15010517)
803.08846 (15010517)
 4190865.2 | 1050.89947 (15011607)   995.85530 (15011607)   888.52899 (15010517)   900.50910 (15010517)
840.84391 (14112517)
 4190845.2 | 1114.91003 (15011607)   1049.83973 (15011607)   940.19818 (15010517)   948.86925 (15010517)
909.27539 (14112517)
 *** AERMOD - VERSION 24142 ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION 18081 ***   ***   ***
  09:59:03

PAGE 1391
 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: SEAWALL
***
                               INCLUDING SOURCE(S):   L0000369   , L0000370   , L0000371   , L0000372   ,
L0000373   ,
               L0000374   , L0000375   , L0000376   , L0000377   , L0000378   , L0000379   , L0000380   ,
L0000381   ,
               L0000382   , L0000383   , L0000384   , L0000385   , L0000386   , L0000387   , L0000388   ,
L0000389   ,
               L0000390   , L0000391   , L0000392   , L0000393   , L0000394   , L0000395   , L0000396   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560117.30   560137.30   560157.30   560177.30
560197.30
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 4190825.2 | 1187.48667 (15011607)   1116.95036 (15011607)   1005.27662 (15010517)   998.85741 (15010517)
978.50404 (14112517)
 4190805.2 | 1270.66710 (15011607)   1197.01839 (15011607)   1080.22018 (15010517)   1050.11951 (15010517)
1047.78829 (14112517)
 4190785.2 | 1367.09933 (15011607)   1281.21442 (15011607)   1153.78794 (15010517)   1104.70500 (15010517)
1119.67592 (14112517)
 4190765.2 | 1480.25993 (15011607)   1377.79386 (15011607)   1234.34782 (15010517)   1193.12625 (14112517)
1195.17789 (14112517)
 4190745.2 | 1615.06687 (15011607)   1490.24482 (15011607)   1323.84335 (15010517)   1299.45543 (14112517)
1275.29031 (14112517)
 4190725.2 | 1795.29790 (17112408)   1623.62974 (15011607)   1425.06380 (15010517)   1416.44838 (14112517)
1360.70383 (14112517)
 4190705.2 | 2034.01831 (17112408)   1785.24443 (15011607)   1570.71098 (14112517)   1548.52069 (14112517)
1458.75094 (14112517)
 4190685.2 | 2128.16199 (17112408)   1823.23128 (15011607)   1760.98904 (14112517)   1699.61701 (14112517)
1569.02283 (14112517)
 4190665.2 | 2045.01855 (17112408)   1837.32505 (15011607)   1663.76390 (14012008)   1752.92667 (14112517)
1678.53482 (14112517)
 4190645.2 | 1919.59231 (17112408)   1730.82633 (15011607)   1679.17473 (14012008)   1661.04466 (14112517)
1791.90423 (14112517)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: SEAWALL
***
                               INCLUDING SOURCE(S):   L0000369   , L0000370   , L0000371   , L0000372   ,
L0000373   ,
                L0000374   , L0000375   , L0000376   , L0000377   , L0000378   , L0000379   , L0000380   ,
L0000381   ,
                L0000382   , L0000383   , L0000384   , L0000385   , L0000386   , L0000387   , L0000388   ,
L0000389   ,
                L0000390   , L0000391   , L0000392   , L0000393   , L0000394   , L0000395   , L0000396   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560217.30   560237.30   560257.30   560277.30
560297.30
 -
- - - - - - - -

 4191625.2 | 225.04940 (15010517)   261.13322 (15010517)   281.28512 (15010517)   281.36705 (15010517)
261.26477 (15010517)
 4191605.2 | 234.21526 (15010517)   269.85273 (15010517)   288.34046 (15010517)   285.78898 (15010517)
262.62099 (15010517)
 4191585.2 | 243.69048 (15010517)   278.73143 (15010517)   295.36112 (15010517)   289.99019 (15010517)
263.63169 (15010517)
 4191565.2 | 253.47724 (15010517)   287.75791 (15010517)   302.32465 (15010517)   293.94420 (15010517)
264.27519 (15010517)
 4191545.2 | 263.57676 (15010517)   296.91903 (15010517)   309.20676 (15010517)   297.62347 (15010517)
264.53004 (15010517)
 4191525.2 | 274.09485 (15010517)   306.31831 (15010517)   316.10497 (15010517)   300.99955 (15010517)
264.37525 (15010517)
 4191505.2 | 285.75429 (15010517)   316.75511 (15010517)   323.69283 (15010517)   304.69939 (15010517)
263.90032 (15010517)
 4191485.2 | 296.75420 (15010517)   326.21809 (15010517)   330.42815 (15010517)   307.66442 (15010517)
262.97657 (15010517)
 4191465.2 | 308.16448 (15010517)   335.82292 (15010517)   336.79321 (15010517)   309.99098 (15010517)
261.47989 (15010517)

 4191445.2 | 319.87952 (15010517)   345.47090 (15010517)   342.87420 (15010517)   312.27128 (15010517)
273.37249 (15112108)
 4191425.2 | 331.89189 (15010517)   355.13588 (15010517)   348.69081 (15010517)   313.77718 (15010517)
289.58825 (15112108)
 4191405.2 | 344.19200 (15010517)   364.78900 (15010517)   354.25331 (15010517)   314.75187 (15010517)
305.98864 (15112108)
 4191385.2 | 356.76786 (15010517)   374.39871 (15010517)   359.47890 (15010517)   315.20104 (15010517)
322.22143 (15112108)
 4191365.2 | 369.60478 (15010517)   383.93067 (15010517)   364.32781 (15010517)   315.13238 (15010517)
338.18338 (15112108)
 4191345.2 | 382.68511 (15010517)   393.34775 (15010517)   368.75913 (15010517)   314.48964 (15010517)
354.06079 (15112108)
 4191325.2 | 395.98800 (15010517)   402.61012 (15010517)   372.73094 (15010517)   331.61147 (15112108)
369.57398 (15112108)
 4191305.2 | 409.48916 (15010517)   411.67535 (15010517)   376.20064 (15010517)   350.79862 (15112108)
384.54996 (15112108)
 4191285.2 | 423.16062 (15010517)   420.49861 (15010517)   379.12509 (15010517)   370.07547 (15112108)
398.80419 (15112108)
 4191265.2 | 436.97070 (15010517)   429.03294 (15010517)   381.46091 (15010517)   389.27481 (15112108)
412.14304 (15112108)
 4191245.2 | 450.88391 (15010517)   437.22960 (15010517)   383.16463 (15010517)   408.21012 (15112108)
424.36664 (15112108)
 4191225.2 | 464.86117 (15010517)   445.03840 (15010517)   384.48399 (15112108)   426.67806 (15112108)
435.27156 (15112108)
 4191205.2 | 478.86010 (15010517)   452.40813 (15010517)   407.80716 (15112108)   444.46185 (15112108)
444.65336 (15112108)
 4191185.2 | 492.83556 (15010517)   459.28692 (15010517)   431.24623 (15112108)   461.33495 (15112108)
461.62400 (14112517)
 4191165.2 | 506.74042 (15010517)   465.62250 (15010517)   454.58265 (15112108)   477.06479 (15112108)
478.74560 (14112517)
 4191145.2 | 520.52653 (15010517)   471.36236 (15010517)   477.57952 (15112108)   491.41572 (15112108)
494.29598 (14112517)
 4191125.2 | 534.14587 (15010517)   476.45364 (15010517)   499.98769 (15112108)   505.90790 (14112517)
507.95210 (14112517)
 4191105.2 | 547.55180 (15010517)   482.57158 (15112108)   521.55195 (15112108)   528.24567 (14112517)
519.38867 (14112517)
 4191085.2 | 560.70033 (15010517)   511.70223 (15112108)   542.01613 (15112108)   549.13808 (14112517)
528.28172 (14112517)
 4191065.2 | 573.55119 (15010517)   540.71048 (15112108)   561.12592 (15112108)   568.21330 (14112517)
534.31082 (14112517)
 4191045.2 | 586.06858 (15010517)   569.32300 (15112108)   585.64864 (14112517)   585.09454 (14112517)
537.16069 (14112517)
 4191025.2 | 598.22145 (15010517)   597.27484 (15112108)   613.44077 (14112517)   599.40049 (14112517)
536.52308 (14112517)
 4191005.2 | 609.98298 (15010517)   624.31743 (15112108)   639.66029 (14112517)   610.74200 (14112517)
532.11509 (14112517)
 4190985.2 | 622.03462 (15112108)   653.93639 (14112517)   664.08819 (14112517)   618.85333 (14112517)
529.77184 (15021907)
 4190965.2 | 659.42177 (15112108)   688.33691 (14112517)   682.55581 (14112517)   619.08295 (14112517)
561.81168 (13121417)
 4190945.2 | 692.56239 (15112108)   719.56195 (14112517)   696.93451 (14112517)   615.49343 (14112517)
596.78279 (13121417)
 4190925.2 | 729.55398 (14112517)   751.90240 (14112517)   711.77056 (14112517)   610.15423 (14112517)
629.55429 (13121417)
 4190905.2 | 778.16675 (14112517)   788.61520 (14112517)   728.44134 (14112517)   653.28526 (13121417)
662.68420 (13121417)
 4190885.2 | 829.69962 (14112517)   820.56498 (14112517)   737.37905 (14112517)   695.56820 (13121417)
687.07224 (13121417)
 4190865.2 | 881.64464 (14112517)   848.56666 (14112517)   739.32360 (14112517)   731.89627 (13121417)
702.56507 (13121417)
 4190845.2 | 929.23130 (14112517)   872.68790 (14112517)   768.31725 (13121417)   762.70493 (13121417)
709.07942 (13121417)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                          *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: SEAWALL
***
                              INCLUDING SOURCE(S):   L0000369   , L0000370   , L0000371   , L0000372   ,
L0000373   ,
               L0000374   , L0000375   , L0000376   , L0000377   , L0000378   , L0000379   , L0000380   ,
L0000381   ,
               L0000382   , L0000383   , L0000384   , L0000385   , L0000386   , L0000387   , L0000388   ,
L0000389   ,
               L0000390   , L0000391   , L0000392   , L0000393   , L0000394   , L0000395   , L0000396   ,
. . .   ,

                               *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                    ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560217.30   560237.30   560257.30   560277.30
560297.30
 -
- - - - - - - -

 4190825.2 | 976.31439 (14112517)   892.80515 (14112517)   814.50423 (13121417)   786.43315 (13121417)
706.16473 (13121308)
 4190805.2 | 1022.76999 (14112517)   907.87409 (14112517)   855.93431 (13121417)   801.07278 (13121417)
706.43201 (13121308)
 4190785.2 | 1068.23730 (14112517)   919.48456 (13121417)   893.90896 (13121417)   808.84819 (13121417)
715.34263 (15012009)
 4190765.2 | 1111.98757 (14112517)   979.54039 (13121417)   923.28928 (13121417)   810.02629 (13121308)
784.11074 (15012009)
 4190745.2 | 1154.77432 (14112517)   1035.13239 (13121417)   939.00989 (13121417)   854.51215 (15012009)
837.96941 (15012009)
 4190725.2 | 1191.45640 (14112517)   1080.50787 (13121417)   944.50381 (13121308)   917.43006 (15012009)
876.93270 (15012009)
 4190705.2 | 1230.18296 (14112517)   1115.25126 (13121417)   1017.66908 (15012009)   963.18024 (15012009)
906.77302 (15012009)
 4190685.2 | 1305.23605 (13121417)   1148.52592 (15012009)   1072.93911 (15012009)   999.69206 (15012009)
930.41442 (15012009)
 4190665.2 | 1373.24729 (13121417)   1218.11128 (15012009)   1118.58370 (15012009)   1032.32638 (15012009)
939.47911 (15012009)
 4190645.2 | 1435.12010 (13121308)   1277.14377 (15012009)   1163.44679 (15012009)   1051.94225 (15012009)
915.31392 (15012009)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                          *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: SEAWALL
***
                              INCLUDING SOURCE(S):   L0000369   , L0000370   , L0000371   , L0000372   ,
L0000373   ,
               L0000374   , L0000375   , L0000376   , L0000377   , L0000378   , L0000379   , L0000380   ,
L0000381   ,
               L0000382   , L0000383   , L0000384   , L0000385   , L0000386   , L0000387   , L0000388   ,
L0000389   ,
               L0000390   , L0000391   , L0000392   , L0000393   , L0000394   , L0000395   , L0000396   ,
. . .   ,

                               *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                    ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560317.30   560337.30   560357.30   560377.30
560397.30
 -

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 4191625.2 | 224.99586 (15010517)   227.94598 (15112108)   256.11555 (15112108)   269.39739 (15112108)
265.77255 (15112108)
 4191605.2 | 223.51111 (15010517)   239.61108 (15112108)   265.65007 (15112108)   275.76627 (15112108)
267.87273 (15112108)
 4191585.2 | 221.65073 (15010517)   251.21306 (15112108)   274.25614 (15112108)   281.08282 (15112108)
271.22502 (14112517)
 4191565.2 | 228.63330 (15112108)   262.93132 (15112108)   283.09420 (15112108)   285.38182 (15112108)
278.91198 (14112517)
 4191545.2 | 241.88675 (15112108)   274.51875 (15112108)   291.36845 (15112108)   288.89400 (15112108)
285.76394 (14112517)
 4191525.2 | 255.35192 (15112108)   285.87658 (15112108)   298.97014 (15112108)   291.70121 (15112108)
292.26027 (14112517)
 4191505.2 | 268.95203 (15112108)   296.89701 (15112108)   305.78744 (15112108)   296.47616 (14112517)
297.82538 (14112517)
 4191485.2 | 282.59850 (15112108)   307.46382 (15112108)   311.70696 (15112108)   305.55740 (14112517)
302.34012 (14112517)
 4191465.2 | 296.19062 (15112108)   317.45324 (15112108)   316.61550 (15112108)   313.82662 (14112517)
305.68798 (14112517)
 4191445.2 | 309.61542 (15112108)   326.73514 (15112108)   320.40199 (15112108)   321.14057 (14112517)
307.75779 (14112517)
 4191425.2 | 323.02191 (15112108)   335.17458 (15112108)   326.94497 (14112517)   327.35381 (14112517)
308.44662 (14112517)
 4191405.2 | 336.24184 (15112108)   342.78912 (15112108)   337.48310 (14112517)   332.45285 (14112517)
307.66289 (14112517)
 4191385.2 | 349.15605 (15112108)   350.53344 (15112108)   348.13355 (14112517)   337.04466 (14112517)
306.08323 (14112517)
 4191365.2 | 360.53741 (15112108)   355.70489 (15112108)   356.51330 (14112517)   339.41154 (14112517)
302.63188 (14112517)
 4191345.2 | 371.16878 (15112108)   364.45020 (14112517)   363.61930 (14112517)   339.83893 (14112517)
297.13378 (14112517)
 4191325.2 | 380.74681 (15112108)   376.62556 (14112517)   369.24048 (14112517)   338.56594 (14112517)
289.91491 (14112517)
 4191305.2 | 389.10173 (15112108)   387.67686 (14112517)   373.20337 (14112517)   335.44451 (14112517)
287.44252 (16112517)
 4191285.2 | 396.06383 (15112108)   397.38713 (14112517)   375.34347 (14112517)   330.40576 (14112517)
288.13420 (16112517)
 4191265.2 | 408.18371 (14112517)   405.53636 (14112517)   375.50981 (14112517)   323.40759 (14112517)
308.99287 (15021907)
 4191245.2 | 422.50503 (14112517)   411.90601 (14112517)   373.56964 (14112517)   314.43886 (14112517)
330.19734 (15021907)
 4191225.2 | 435.49501 (14112517)   416.28371 (14112517)   369.41337 (14112517)   320.83680 (15021907)
350.10778 (15021907)
 4191205.2 | 446.88688 (14112517)   418.46822 (14112517)   362.95957 (14112517)   344.85879 (15021907)
368.16437 (15021907)
 4191185.2 | 456.41112 (14112517)   418.27452 (14112517)   354.16026 (14112517)   367.75422 (15021907)
389.96443 (13121417)
 4191165.2 | 463.80049 (14112517)   415.53904 (14112517)   360.40085 (15021907)   388.90584 (15021907)
409.40824 (13121417)
 4191145.2 | 468.79473 (14112517)   410.12529 (14112517)   386.65619 (15021907)   411.55289 (13121417)
425.52002 (13121417)
 4191125.2 | 471.14520 (14112517)   401.93008 (14112517)   411.32602 (15021907)   434.14065 (13121417)
437.62404 (13121417)
 4191105.2 | 470.61940 (14112517)   407.07795 (15021907)   435.24955 (13121417)   453.36481 (13121417)
445.07292 (13121417)
 4191085.2 | 467.00607 (14112517)   435.75924 (15021907)   461.42806 (13121417)   468.47971 (13121417)
447.26062 (13121417)
 4191065.2 | 460.12155 (14112517)   462.30598 (15021907)   484.25239 (13121417)   478.75191 (13121417)
443.64460 (13121417)
 4191045.2 | 462.69277 (15021907)   491.82639 (13121417)   502.91494 (13121417)   483.46393 (13121417)
443.08018 (13121308)
 4191025.2 | 494.05722 (15021907)   518.83065 (13121417)   516.60100 (13121417)   481.93025 (13121417)
441.72445 (13121308)
 4191005.2 | 526.53026 (13121417)   541.90872 (13121417)   524.54700 (13121417)   478.88372 (13121308)
443.69317 (15020707)
 4190985.2 | 557.18628 (13121417)   558.41376 (13121417)   524.48943 (13121417)   476.66031 (13121308)
439.12112 (15020707)
 4190965.2 | 581.72316 (13121417)   567.10571 (13121417)   517.52988 (13121308)   472.78828 (15020707)

433.63355 (13122017)
 4190945.2 | 602.03987 (13121417)   569.74534 (13121417)   517.25982 (13121308)   470.94119 (15020707)
424.14616 (13122017)
 4190925.2 | 618.08734 (13121417)   566.03548 (13121417)   510.12524 (13121308)   463.74895 (13122017)
434.63181 (15020708)
 4190905.2 | 631.72250 (13121417)   570.25751 (13121308)   511.60222 (15020707)   456.15531 (13122017)
480.69520 (15020708)
 4190885.2 | 633.94347 (13121417)   565.66927 (13121308)   503.93309 (13122017)   503.67016 (15020708)
526.59849 (15012009)
 4190865.2 | 631.93832 (13121308)   557.41432 (15020707)   528.44359 (15020708)   554.12639 (15012009)
567.14033 (15012009)
 4190845.2 | 628.54255 (13121308)   556.56597 (15020708)   585.36954 (15012009)   598.37217 (15012009)
597.45448 (15012009)

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: SEAWALL
***
                               INCLUDING SOURCE(S):   L0000369   , L0000370   , L0000371   , L0000372   ,
L0000373   ,
               L0000374   , L0000375   , L0000376   , L0000377   , L0000378   , L0000379   , L0000380   ,
L0000381   ,
               L0000382   , L0000383   , L0000384   , L0000385   , L0000386   , L0000387   , L0000388   ,
L0000389   ,
               L0000390   , L0000391   , L0000392   , L0000393   , L0000394   , L0000395   , L0000396   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560317.30   560337.30   560357.30   560377.30
560397.30
 -
- - - - - - - -

 4190825.2 | 614.54312 (13121308)   623.04629 (15012009)   635.82320 (15012009)   633.49090 (15012009)
619.46543 (15012009)
 4190805.2 | 665.45762 (15012009)   677.54544 (15012009)   673.40536 (15012009)   657.10607 (15012009)
630.67142 (15012009)
 4190785.2 | 726.68802 (15012009)   719.24449 (15012009)   699.64373 (15012009)   670.73014 (15012009)
629.86258 (15012009)
 4190765.2 | 773.21645 (15012009)   748.93091 (15012009)   716.42927 (15012009)   673.24522 (15012009)
612.17568 (15012009)
 4190745.2 | 807.02756 (15012009)   769.33289 (15012009)   722.85509 (15012009)   658.73334 (15012009)
587.59360 (14012907)
 4190725.2 | 831.67865 (15012009)   780.40293 (15012009)   712.35501 (15012009)   626.02168 (14012907)
592.96692 (14012907)
 4190705.2 | 848.35792 (15012009)   774.95709 (15012009)   673.92601 (15012009)   631.40063 (14012907)
587.96175 (13011717)
 4190685.2 | 849.29332 (15012009)   739.67931 (15012009)   676.30255 (14012907)   627.50081 (13011717)
597.48117 (13011717)
 4190665.2 | 818.60235 (15012009)   729.60250 (14012907)   673.57505 (13011717)   635.79664 (13011717)
593.51057 (13011717)
 4190645.2 | 794.00602 (14012907)   727.76242 (13011717)   678.62576 (13011717)   630.19442 (13010717)
601.53663 (13010717)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SEAWALL ***

INCLUDING SOURCE(S): L0000369 , L0000370 , L0000371 , L0000372 , L0000373 ,
L0000374 , L0000375 , L0000376 , L0000377 , L0000378 , L0000379 , L0000380 , L0000381 ,
L0000382 , L0000383 , L0000384 , L0000385 , L0000386 , L0000387 , L0000388 , L0000389 ,
L0000390 , L0000391 , L0000392 , L0000393 , L0000394 , L0000395 , L0000396 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 560417.30	560437.30	560457.30	560477.30	560497.30
4191625.2	262.32684 (14112517)	257.99837 (14112517)	241.07183 (14112517)	213.96470 (14112517)	204.39453 (16112517)
4191605.2	268.18706 (14112517)	260.07621 (14112517)	239.39260 (14112517)	210.85690 (16112517)	205.09052 (16112517)
4191585.2	273.27949 (14112517)	261.17915 (14112517)	236.69575 (14112517)	214.67015 (16112517)	204.37012 (16112517)
4191565.2	277.06863 (14112517)	260.81457 (14112517)	232.56872 (14112517)	216.78320 (16112517)	201.81055 (16112517)
4191545.2	279.75873 (14112517)	259.25839 (14112517)	227.34690 (14112517)	217.34193 (16112517)	202.34918 (15021907)
4191525.2	281.82424 (14112517)	256.97231 (14112517)	227.51142 (16112517)	216.71148 (16112517)	216.42837 (15021907)
4191505.2	282.72247 (14112517)	253.48965 (14112517)	230.39216 (16112517)	214.43805 (16112517)	230.10789 (15021907)
4191485.2	282.37587 (14112517)	248.79182 (14112517)	231.66658 (16112517)	221.71785 (15021907)	243.25099 (15021907)
4191465.2	280.71820 (14112517)	242.87704 (14112517)	231.21624 (16112517)	236.83115 (15021907)	255.43513 (15021907)
4191445.2	277.69716 (14112517)	245.98228 (16112517)	228.94921 (16112517)	251.37257 (15021907)	266.00677 (15021907)
4191425.2	273.27697 (14112517)	247.67878 (16112517)	243.58625 (15021907)	265.02236 (15021907)	279.15760 (13121417)
4191405.2	267.44092 (14112517)	247.47692 (16112517)	259.79641 (15021907)	277.43969 (15021907)	292.11637 (13121417)
4191385.2	264.13229 (16112517)	250.66860 (15021907)	275.21462 (15021907)	290.39501 (13121417)	303.05904 (13121417)
4191365.2	266.82348 (16112517)	269.04439 (15021907)	289.83452 (15021907)	305.55120 (13121417)	311.82684 (13121417)
4191345.2	267.04854 (16112517)	286.72310 (15021907)	303.24521 (13121417)	318.78579 (13121417)	317.89419 (13121417)
4191325.2	278.00544 (15021907)	302.99655 (15021907)	319.26278 (13121417)	328.28636 (13121417)	320.11384 (13121417)
4191305.2	297.61121 (15021907)	317.86431 (15021907)	333.85675 (13121417)	335.22477 (13121417)	318.96777 (13121417)
4191285.2	316.28205 (15021907)	335.08765 (13121417)	346.60010 (13121417)	339.24725 (13121417)	314.47580 (13121417)
4191265.2	333.53523 (15021907)	351.88467 (13121417)	356.06465 (13121417)	339.59845 (13121417)	315.85225 (13121308)
4191245.2	350.81719 (13121417)	366.08375 (13121417)	361.60554 (13121417)	336.41091 (13121417)	316.62579 (13121308)
4191225.2	370.14028 (13121417)	377.16516 (13121417)	363.16386 (13121417)	336.19312 (13121308)	323.52736 (15020707)
4191205.2	386.82441 (13121417)	384.53749 (13121417)	360.44478 (13121417)	337.43689 (13121308)	328.68634 (15020707)
4191185.2	400.24094 (13121417)	387.71952 (13121417)	357.70905 (13121308)	342.52183 (15020707)	328.91557 (15020707)
4191165.2	409.78677 (13121417)	386.30034 (13121417)	359.37842 (13121308)	347.52147 (15020707)	

328.42772 (13122017)
 4191145.2 | 414.89978 (13121417)   381.54117 (13121308)   362.62378 (15020707)   347.34669 (15020707)
325.32246 (13122017)
 4191125.2 | 415.07680 (13121417)   383.97570 (13121308)   367.80439 (15020707)   346.30768 (13122017)
315.94004 (13122017)
 4191105.2 | 409.89813 (13121417)   384.91986 (15020707)   367.40243 (15020707)   341.84912 (13122017)
300.48278 (13122017)
 4191085.2 | 411.66946 (13121308)   390.36014 (15020707)   365.63022 (13122017)   330.98672 (13122017)
320.49821 (17031607)
 4191065.2 | 409.82052 (15020707)   389.77173 (15020707)   360.10341 (13122017)   327.03401 (17031607)
337.59029 (17031607)
 4191045.2 | 415.63330 (15020707)   387.07819 (13122017)   347.58254 (13122017)   346.65061 (17031607)
348.66236 (17031607)
 4191025.2 | 414.73615 (15020707)   380.05201 (13122017)   355.96133 (17031607)   361.23304 (17031607)
368.98389 (15020708)
 4191005.2 | 409.49014 (13122017)   364.21892 (13122017)   372.65942 (17031607)   380.24766 (15020708)
396.51633 (15020708)
 4190985.2 | 399.13144 (13122017)   383.16457 (17031607)   390.92536 (15020708)   409.60859 (15020708)
423.04992 (15012009)
 4190965.2 | 395.46515 (17031607)   404.00586 (15020708)   424.54187 (15020708)   439.25240 (15012009)
450.24435 (15012009)
 4190945.2 | 419.30523 (15020708)   442.15294 (15020708)   458.54388 (15012009)   470.12008 (15012009)
470.80634 (15012009)
 4190925.2 | 461.24982 (15020708)   480.16186 (15012009)   492.26617 (15012009)   493.03254 (15012009)
482.87177 (15012009)
 4190905.2 | 501.80353 (15012009)   514.64612 (15012009)   515.37516 (15012009)   505.05502 (15012009)
483.19915 (15012009)
 4190885.2 | 539.44117 (15012009)   539.92182 (15012009)   529.23850 (15012009)   507.03987 (15012009)
471.76230 (15012009)
 4190865.2 | 567.09895 (15012009)   555.77195 (15012009)   533.06201 (15012009)   497.06474 (15012009)
446.23154 (15012009)
 4190845.2 | 585.10219 (15012009)   561.63070 (15012009)   525.14981 (15012009)   473.63658 (15012009)
448.76642 (14012907)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: SEAWALL
***
                               INCLUDING SOURCE(S):   L0000369   , L0000370   , L0000371   , L0000372   ,
L0000373   ,
               L0000374   , L0000375   , L0000376   , L0000377   , L0000378   , L0000379   , L0000380   ,
L0000381   ,
               L0000382   , L0000383   , L0000384   , L0000385   , L0000386   , L0000387   , L0000388   ,
L0000389   ,
               L0000390   , L0000391   , L0000392   , L0000393   , L0000394   , L0000395   , L0000396   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560417.30   560437.30   560457.30   560477.30
560497.30
 -
- - - - - - - -

 4190825.2 | 594.71902 (15012009)   556.76881 (15012009)   502.52094 (15012009)   471.75534 (14012907)
458.23998 (14012907)
 4190805.2 | 591.48343 (15012009)   535.08899 (15012009)   496.57269 (14012907)   480.03183 (14012907)
457.94591 (14012907)
 4190785.2 | 571.30204 (15012009)   523.78290 (14012907)   503.83539 (14012907)   478.17952 (14012907)
455.99006 (13011717)
 4190765.2 | 553.86634 (14012907)   530.13781 (14012907)   500.40677 (14012907)   480.13451 (13011717)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: SEAWALL
***
                               INCLUDING SOURCE(S):   L0000369   , L0000370   , L0000371   , L0000372   ,
L0000373   ,
                L0000374   , L0000375   , L0000376   , L0000377   , L0000378   , L0000379   , L0000380   ,
L0000381   ,
                L0000382   , L0000383   , L0000384   , L0000385   , L0000386   , L0000387   , L0000388   ,
L0000389   ,
                L0000390   , L0000391   , L0000392   , L0000393   , L0000394   , L0000395   , L0000396   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560517.30   560537.30   560557.30   560577.30
560597.30
 -
- - - - - - - -

 4191625.2 | 190.36060 (16112517)   194.41021 (15021907)   210.73890 (15021907)   220.37019 (13121417)
231.21024 (13121417)
 4191605.2 | 186.80467 (16112517)   206.17004 (15021907)   219.88851 (15021907)   230.82697 (13121417)
237.82921 (13121417)
 4191585.2 | 198.70729 (15021907)   217.02220 (15021907)   227.49167 (15021907)   239.41180 (13121417)
242.10287 (13121417)
 4191565.2 | 211.28249 (15021907)   226.87260 (15021907)   237.70024 (13121417)   246.40041 (13121417)
244.39726 (13121417)
 4191545.2 | 223.37106 (15021907)   236.03748 (15021907)   248.08545 (13121417)   252.29685 (13121417)
245.27853 (13121417)
 4191525.2 | 235.03313 (15021907)   246.72248 (13121417)   257.39355 (13121417)   256.62997 (13121417)
244.35385 (13121417)
 4191505.2 | 245.61608 (15021907)   258.31973 (13121417)   264.27719 (13121417)   258.13763 (13121417)
240.53325 (13121417)
 4191485.2 | 255.80175 (13121417)   268.66890 (13121417)   269.19147 (13121417)   257.21656 (13121417)
241.18114 (13121308)
 4191465.2 | 269.21443 (13121417)   277.16849 (13121417)   271.78106 (13121417)   253.75654 (13121417)
242.93621 (13121308)
 4191445.2 | 280.17571 (13121417)   282.53517 (13121417)   271.27702 (13121417)   253.00276 (13121308)
245.25086 (15020707)
 4191425.2 | 289.31206 (13121417)   285.84610 (13121417)   268.45365 (13121417)   255.37236 (13121308)
253.08484 (15020707)
 4191405.2 | 296.51449 (13121417)   286.79931 (13121417)   266.45447 (13121308)   257.60188 (15020707)
258.02313 (15020707)
 4191385.2 | 300.81304 (13121417)   283.84553 (13121417)   268.75798 (13121308)   265.38973 (15020707)
259.24588 (15020707)
 4191365.2 | 302.26578 (13121417)   279.78513 (13121308)   269.63787 (15020707)   269.68846 (15020707)

259.44322 (13122017)
 4191345.2 | 300.53216 (13121417)   282.73807 (13121308)   277.32751 (15020707)   270.07209 (15020707)
259.08376 (13122017)
 4191325.2 | 295.46459 (13121417)   282.85262 (15020707)   281.90292 (15020707)   270.50573 (13122017)
255.32446 (13122017)
 4191305.2 | 298.51924 (13121308)   291.16366 (15020707)   282.64714 (15020707)   270.11078 (13122017)
247.44076 (13122017)
 4191285.2 | 298.68412 (13121308)   295.78009 (15020707)   282.99272 (13122017)   265.43827 (13122017)
235.45162 (13122017)
 4191265.2 | 306.20154 (15020707)   296.27489 (15020707)   281.91453 (13122017)   256.33943 (13122017)
224.33441 (17031607)
 4191245.2 | 310.87045 (15020707)   296.43220 (13122017)   276.23221 (13122017)   242.84639 (13122017)
243.75655 (17031607)
 4191225.2 | 311.10321 (15020707)   294.59945 (13122017)   265.78771 (13122017)   245.10155 (17031607)
260.32197 (17031607)
 4191205.2 | 310.95641 (13122017)   287.80067 (13122017)   250.62554 (13122017)   263.77729 (17031607)
273.22739 (17031607)
 4191185.2 | 308.29365 (13122017)   275.86216 (13122017)   266.71826 (17031607)   278.95571 (17031607)
281.75004 (17031607)
 4191165.2 | 300.44342 (13122017)   269.13883 (17031607)   284.22450 (17031607)   289.86718 (17031607)
285.23557 (17031607)
 4191145.2 | 288.28961 (13122017)   289.51298 (17031607)   297.59837 (17031607)   295.80996 (17031607)
296.96740 (15020708)
 4191125.2 | 295.12415 (17031607)   306.04929 (17031607)   306.10020 (17031607)   303.04072 (15020708)
318.90557 (15020708)
 4191105.2 | 313.84213 (17031607)   317.85682 (17031607)   310.96237 (15020708)   326.33223 (15020708)
335.26940 (15020708)
 4191085.2 | 327.89903 (17031607)   323.92947 (17031607)   338.94674 (15020708)   348.51596 (15020708)
358.84402 (15012009)
 4191065.2 | 336.66159 (17031607)   348.92043 (15020708)   360.77455 (15020708)   371.17802 (15012009)
378.30167 (15012009)
 4191045.2 | 358.65030 (15020708)   372.24584 (15020708)   383.39644 (15012009)   391.37374 (15012009)
388.94300 (15012009)
 4191025.2 | 383.42520 (15020708)   395.08238 (15012009)   404.06652 (15012009)   403.31467 (15012009)
393.22076 (15012009)
 4191005.2 | 408.11257 (15012009)   418.69180 (15012009)   418.64800 (15012009)   408.36073 (15012009)
388.49085 (15012009)
 4190985.2 | 433.75436 (15012009)   435.79134 (15012009)   425.80640 (15012009)   404.74405 (15012009)
373.18020 (15012009)
 4190965.2 | 451.09499 (15012009)   443.02209 (15012009)   422.11964 (15012009)   389.54656 (15012009)
357.33761 (16120517)
 4190945.2 | 461.07361 (15012009)   440.74066 (15012009)   407.60070 (15012009)   371.07454 (16120517)
365.00358 (16120517)
 4190925.2 | 461.24887 (15012009)   427.27196 (15012009)   386.04996 (16120517)   378.12434 (16120517)
369.04716 (14012907)
 4190905.2 | 448.58618 (15012009)   402.22854 (16120517)   392.53007 (16120517)   384.44170 (14012907)
376.37712 (14012907)
 4190885.2 | 422.53752 (15012009)   408.16704 (16120517)   400.93964 (14012907)   390.25381 (14012907)
374.38341 (14012907)
 4190865.2 | 426.42225 (14012907)   418.52093 (14012907)   405.23021 (14012907)   386.50136 (14012907)
364.86666 (13011717)
 4190845.2 | 438.18000 (14012907)   422.17023 (14012907)   400.17939 (14012907)   385.04538 (13011717)
380.98230 (13011717)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: SEAWALL
***
                                INCLUDING SOURCE(S):   L0000369   , L0000370   , L0000371   , L0000372   ,
L0000373   ,
               L0000374   , L0000375   , L0000376   , L0000377   , L0000378   , L0000379   , L0000380   ,
L0000381   ,
               L0000382   , L0000383   , L0000384   , L0000385   , L0000386   , L0000387   , L0000388   ,
L0000389   ,

208.98209 (13122017)
 4191545.2 | 227.49461 (13121417)   220.49094 (13121308)   220.88045 (15020707)   218.31038 (15020707)
212.36984 (13122017)
 4191525.2 | 230.25590 (13121308)   224.52475 (15020707)   226.39917 (15020707)   219.46122 (13122017)
213.18530 (13122017)
 4191505.2 | 231.72153 (13121308)   231.53285 (15020707)   228.11646 (15020707)   221.56832 (13122017)
209.90255 (13122017)
 4191485.2 | 234.51365 (15020707)   235.96854 (15020707)   228.16741 (13122017)   220.53269 (13122017)
203.43453 (13122017)
 4191465.2 | 241.75008 (15020707)   237.52996 (15020707)   229.87371 (13122017)   216.24010 (13122017)
193.87794 (13122017)
 4191445.2 | 246.22228 (15020707)   237.76322 (13122017)   228.35541 (13122017)   209.20262 (13122017)
183.11631 (17011317)
 4191425.2 | 247.95753 (15020707)   239.37313 (13122017)   223.78753 (13122017)   199.08500 (13122017)
184.60627 (17011317)
 4191405.2 | 248.74602 (13122017)   237.58135 (13122017)   215.86282 (13122017)   190.63176 (17011317)
190.77931 (17031607)
 4191385.2 | 249.54909 (13122017)   231.79792 (13122017)   204.30036 (13122017)   190.96466 (17011317)
206.31528 (17031607)
 4191365.2 | 246.50838 (13122017)   222.39386 (13122017)   198.11984 (17011317)   206.76489 (17031607)
219.33260 (17031607)
 4191345.2 | 239.50193 (13122017)   209.51907 (13122017)   206.83407 (17031607)   221.46950 (17031607)
229.17359 (17031607)
 4191325.2 | 228.86576 (13122017)   206.29178 (17031607)   223.38712 (17031607)   233.50871 (17031607)
235.80119 (17031607)
 4191305.2 | 214.39135 (13122017)   224.27007 (17031607)   237.03933 (17031607)   241.88670 (17031607)
238.32636 (17031607)
 4191285.2 | 224.32889 (17031607)   239.45409 (17031607)   246.97927 (17031607)   246.04156 (17031607)
236.34720 (17031607)
 4191265.2 | 241.87057 (17031607)   251.90741 (17031607)   253.42666 (17031607)   245.92895 (17031607)
247.54645 (15020708)
 4191245.2 | 256.36103 (17031607)   260.44072 (17031607)   255.31039 (17031607)   251.96572 (15020708)
266.06811 (15020708)
 4191225.2 | 267.04970 (17031607)   264.43788 (17031607)   256.45588 (15020708)   271.92470 (15020708)
280.69206 (15020708)
 4191205.2 | 273.26406 (17031607)   263.37587 (17031607)   277.92451 (15020708)   287.98842 (15020708)
291.88611 (15012009)
 4191185.2 | 274.40913 (17031607)   284.08402 (15020708)   295.50755 (15020708)   299.27957 (15012009)
310.16497 (15012009)
 4191165.2 | 290.42345 (15020708)   303.27047 (15020708)   308.16752 (15020708)   318.77787 (15012009)
322.83135 (15012009)
 4191145.2 | 311.30300 (15020708)   317.48967 (15020708)   327.82446 (15012009)   332.54305 (15012009)
328.80976 (15012009)
 4191125.2 | 325.80390 (15020708)   334.72152 (15012009)   340.97040 (15012009)   338.39079 (15012009)
326.92490 (15012009)
 4191105.2 | 342.18057 (15012009)   349.78693 (15012009)   344.87068 (15012009)   335.51056 (15012009)
316.89755 (15012009)
 4191085.2 | 365.28206 (15012009)   362.22983 (15012009)   350.18172 (15012009)   330.05724 (15012009)
301.59019 (15012009)
 4191065.2 | 376.41681 (15012009)   365.03329 (15012009)   343.65231 (15012009)   314.06785 (15012009)
295.40783 (16120517)
 4191045.2 | 377.76341 (15012009)   357.01867 (15012009)   326.98175 (15012009)   306.25039 (16120517)
305.81751 (16120517)
 4191025.2 | 372.90206 (15012009)   342.46774 (15012009)   319.12605 (16120517)   317.48649 (16120517)
310.16234 (16120517)
 4191005.2 | 357.36118 (15012009)   331.14419 (16120517)   328.42744 (16120517)   319.80993 (16120517)
312.47852 (14012907)
 4190985.2 | 343.82067 (16120517)   339.91231 (16120517)   329.95748 (16120517)   324.34342 (14012907)
318.47944 (14012907)
 4190965.2 | 352.05150 (16120517)   340.66587 (16120517)   336.61026 (14012907)   328.93055 (14012907)
316.25058 (14012907)
 4190945.2 | 353.77922 (14012907)   349.32023 (14012907)   339.68955 (14012907)   324.91065 (14012907)
305.16100 (14012907)
 4190925.2 | 362.52780 (14012907)   350.80077 (14012907)   333.75958 (14012907)   311.58132 (14012907)
313.61823 (13011717)
 4190905.2 | 362.32072 (14012907)   342.82966 (14012907)   328.18111 (13011717)   329.42221 (13011717)
327.65306 (13011717)
 4190885.2 | 352.15898 (14012907)   346.12150 (13011717)   344.76724 (13011717)   340.52078 (13011717)
333.44611 (13011717)

 4190865.2 | 363.68777 (13011717)   359.66786 (13011717)   352.86963 (13011717)   343.21633 (13011717)
330.49589 (13011717)
 4190845.2 | 374.19007 (13011717)   364.73998 (13011717)   352.31082 (13011717)   336.58043 (13011717)
317.36494 (13011717)

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: SEAWALL
***
                                INCLUDING SOURCE(S):   L0000369   , L0000370   , L0000371   , L0000372   ,
L0000373   ,
                L0000374   , L0000375   , L0000376   , L0000377   , L0000378   , L0000379   , L0000380   ,
L0000381   ,
                L0000382   , L0000383   , L0000384   , L0000385   , L0000386   , L0000387   , L0000388   ,
L0000389   ,
                L0000390   , L0000391   , L0000392   , L0000393   , L0000394   , L0000395   , L0000396   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560617.30   560637.30   560657.30   560677.30
560697.30
 -
- - - - - - - -

 4190825.2 | 376.16638 (13011717)   360.65995 (13011717)   341.53172 (13011717)   318.67915 (13011717)
298.96484 (13121117)
 4190805.2 | 368.11899 (13011717)   345.09590 (13011717)   318.49323 (13121117)   315.01804 (13121117)
311.73077 (13012308)
 4190785.2 | 346.92538 (13011717)   337.67995 (13012308)   336.53981 (13012308)   334.15632 (13012308)
330.68685 (13012308)
 4190765.2 | 363.47530 (13012308)   358.90426 (13012308)   353.42496 (13012308)   347.10511 (13012308)
339.94617 (13012308)
 4190745.2 | 378.15401 (13012308)   369.77358 (13012308)   363.14861 (13010717)   356.29651 (13010717)
348.88293 (13010717)
 4190725.2 | 388.86966 (13010717)   379.76279 (13010717)   370.21819 (13010717)   360.12003 (13010717)
349.35630 (13010717)
 4190705.2 | 393.37901 (13010717)   380.90206 (13010717)   367.72250 (13010717)   353.73145 (13010717)
338.88213 (13010717)
 4190685.2 | 387.65504 (13010717)   370.63584 (13010717)   352.71473 (13010717)   333.96002 (13010717)
314.51190 (13010717)
 4190665.2 | 366.97703 (13010717)   344.50276 (13010717)   321.50777 (13010717)   313.81785 (14091907)
306.40214 (14091907)
 4190645.2 | 351.68077 (13020407)   343.19585 (13020407)   335.18659 (13020407)   327.60311 (13020407)
320.40104 (13020407)

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: SEAWALL
***
                                INCLUDING SOURCE(S):   L0000369   , L0000370   , L0000371   , L0000372   ,
L0000373   ,
                L0000374   , L0000375   , L0000376   , L0000377   , L0000378   , L0000379   , L0000380   ,
L0000381   ,
                L0000382   , L0000383   , L0000384   , L0000385   , L0000386   , L0000387   , L0000388   ,
L0000389   ,

L0000390 , L0000391 , L0000392 , L0000393 , L0000394 , L0000395 , L0000396 ,
. . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	560717.30	560737.30	560757.30	560777.30	560797.30
4191625.2	203.69031 (15020707)	198.23529 (13122017)	190.65226 (13122017)	175.67728 (13122017)	154.77658 (13122017)
4191605.2	202.71681 (15020707)	197.89504 (13122017)	185.87109 (13122017)	167.09443 (13122017)	155.65791 (17011317)
4191585.2	203.63094 (13122017)	194.68748 (13122017)	178.41162 (13122017)	158.33187 (17011317)	156.11608 (17011317)
4191565.2	204.16597 (13122017)	190.34176 (13122017)	169.49388 (13122017)	160.19530 (17011317)	154.00163 (17011317)
4191545.2	202.19109 (13122017)	183.67941 (13122017)	164.45980 (17011317)	160.05616 (17011317)	163.23200 (17031607)
4191525.2	197.37674 (13122017)	174.49683 (13122017)	166.64048 (17011317)	162.68140 (17031607)	175.61305 (17031607)
4191505.2	189.41370 (13122017)	171.72076 (17011317)	165.56367 (17011317)	177.05952 (17031607)	187.01889 (17031607)
4191485.2	178.56654 (13122017)	172.41035 (17011317)	177.17999 (17031607)	189.38277 (17031607)	195.72312 (17031607)
4191465.2	178.21944 (17011317)	176.65777 (17031607)	190.71534 (17031607)	199.10429 (17031607)	201.47182 (17031607)
4191445.2	177.58271 (17011317)	191.09597 (17031607)	201.89450 (17031607)	206.24646 (17031607)	203.72595 (17031607)
4191425.2	190.90281 (17031607)	203.52262 (17031607)	210.16587 (17031607)	209.82798 (17031607)	202.19013 (17031607)
4191405.2	204.93761 (17031607)	213.26828 (17031607)	214.91694 (17031607)	209.65596 (17031607)	196.84657 (17031607)
4191385.2	216.50361 (17031607)	220.01886 (17031607)	216.25669 (17031607)	205.29097 (17031607)	210.55563 (15020708)
4191365.2	224.89166 (17031607)	223.08700 (17031607)	213.68488 (17031607)	213.98079 (15020708)	225.56596 (15020708)
4191345.2	229.61657 (17031607)	222.09606 (17031607)	217.03169 (15020708)	230.42386 (15020708)	238.11362 (15020708)
4191325.2	230.32763 (17031607)	220.07761 (15020708)	234.54986 (15020708)	243.27456 (15020708)	246.26014 (15020708)
4191305.2	226.62280 (17031607)	238.88611 (15020708)	249.14729 (15020708)	252.59108 (15020708)	258.14711 (15012009)
4191285.2	243.18896 (15020708)	254.73406 (15020708)	259.78586 (15020708)	264.35993 (15012009)	271.11878 (15012009)
4191265.2	260.34144 (15020708)	266.37752 (15020708)	270.67280 (15012009)	278.12091 (15012009)	279.07943 (15012009)
4191245.2	273.60138 (15020708)	277.39999 (15012009)	285.07197 (15012009)	286.72817 (15012009)	281.34085 (15012009)
4191225.2	284.82455 (15012009)	293.52518 (15012009)	294.70474 (15012009)	289.64374 (15012009)	277.43311 (15012009)
4191205.2	301.94774 (15012009)	304.60105 (15012009)	299.39210 (15012009)	286.36529 (15012009)	267.15648 (15012009)
4191185.2	313.57655 (15012009)	308.88685 (15012009)	296.27788 (15012009)	276.26979 (15012009)	250.96894 (15012009)
4191165.2	318.84547 (15012009)	305.98349 (15012009)	285.49447 (15012009)	259.45215 (15012009)	254.17860 (16122217)
4191145.2	315.98694 (15012009)	295.81654 (15012009)	268.93656 (15012009)	261.46114 (16122217)	260.50365 (16120517)
4191125.2	306.08461 (15012009)	278.98678 (15012009)	268.77624 (16122217)	268.83109 (16120517)	266.72619 (16120517)
4191105.2	289.01338 (15012009)	276.61621 (16122217)	277.51306 (16120517)	274.39840 (16120517)	266.20706 (16120517)
4191085.2	285.23856 (16122217)	286.12169 (16120517)	282.37285 (16120517)	273.08260 (16120517)	268.87529 (14012907)

 4191065.2 | 296.19239 (16120517)   291.47239 (16120517)   281.16417 (16120517)   278.83245 (14012907)
274.67931 (14012907)
 4191045.2 | 300.42403 (16120517)   289.87598 (14012907)   288.67493 (14012907)   283.05104 (14012907)
273.09614 (14012907)
 4191025.2 | 301.04804 (14012907)   298.42207 (14012907)   291.16647 (14012907)   279.51170 (14012907)
263.72032 (14012907)
 4191005.2 | 308.30221 (14012907)   299.39676 (14012907)   285.92485 (14012907)   268.23427 (14012907)
262.65600 (14010709)
 4190985.2 | 307.75290 (14012907)   292.33600 (14012907)   276.24658 (14010709)   271.03982 (13011717)
275.15409 (13011717)
 4190965.2 | 298.74705 (14012907)   284.21776 (14010709)   285.87441 (13011717)   287.98649 (13011717)
287.27809 (13011717)
 4190945.2 | 297.39330 (13011717)   300.30265 (13011717)   300.27462 (13011717)   297.42010 (13011717)
291.77706 (13011717)
 4190925.2 | 314.24401 (13011717)   311.96442 (13011717)   306.85654 (13011717)   298.90970 (13011717)
288.08972 (13011717)
 4190905.2 | 323.02583 (13011717)   315.54761 (13011717)   305.14362 (13011717)   291.75560 (13011717)
275.44059 (13011717)
 4190885.2 | 323.44918 (13011717)   310.38972 (13011717)   294.21078 (13011717)   275.04484 (13011717)
253.26766 (13011717)
 4190865.2 | 314.52237 (13011717)   295.28664 (13011717)   273.05298 (13011717)   265.03061 (13121117)
264.98692 (13121117)
 4190845.2 | 294.77151 (13011717)   281.23381 (13121117)   280.21671 (13121117)   277.86689 (13121117)
274.24876 (13121117)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: SEAWALL
***
                               INCLUDING SOURCE(S):   L0000369   , L0000370   , L0000371   , L0000372   ,
L0000373   ,
               L0000374   , L0000375   , L0000376   , L0000377   , L0000378   , L0000379   , L0000380   ,
L0000381   ,
               L0000382   , L0000383   , L0000384   , L0000385   , L0000386   , L0000387   , L0000388   ,
L0000389   ,
               L0000390   , L0000391   , L0000392   , L0000393   , L0000394   , L0000395   , L0000396   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560717.30   560737.30   560757.30   560777.30
560797.30
 -
- - - - - - - -

 4190825.2 | 296.81258 (13121117)   293.38070 (13121117)   289.87416 (13012308)   289.73887 (13012308)
288.45596 (13012308)
 4190805.2 | 311.23382 (13012308)   309.54317 (13012308)   306.76200 (13012308)   302.95463 (13012308)
298.15327 (13012308)
 4190785.2 | 326.22841 (13012308)   320.82487 (13012308)   314.48072 (13012308)   309.57398 (13010717)
305.17210 (13010717)
 4190765.2 | 334.25149 (13010717)   328.79841 (13010717)   322.65746 (13010717)   315.81075 (13010717)
308.23211 (13010717)
 4190745.2 | 340.86023 (13010717)   332.16703 (13010717)   322.74521 (13010717)   312.55371 (13010717)
301.57833 (13010717)
 4190725.2 | 337.83815 (13010717)   325.51353 (13010717)   312.37494 (13010717)   298.46140 (13010717)
283.85567 (13010717)
 4190705.2 | 323.19243 (13010717)   306.74096 (13010717)   289.65799 (13010717)   272.11299 (13010717)
261.53619 (14091907)
 4190685.2 | 294.56526 (13010717)   286.77287 (14091907)   281.24857 (14091907)   275.75208 (14091907)
270.26202 (14091907)

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: SEAWALL
***
                                INCLUDING SOURCE(S):   L0000369   , L0000370   , L0000371   , L0000372   ,
L0000373   ,
                L0000374   , L0000375   , L0000376   , L0000377   , L0000378   , L0000379   , L0000380   ,
L0000381   ,
                L0000382   , L0000383   , L0000384   , L0000385   , L0000386   , L0000387   , L0000388   ,
L0000389   ,
                L0000390   , L0000391   , L0000392   , L0000393   , L0000394   , L0000395   , L0000396   ,
. . .   ,

                               *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                    ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560817.30   560837.30   560857.30   560877.30
560897.30
 -
- - - - - - - -

 4191625.2 | 151.94519 (17011317)   145.34780 (17011317)   154.53491 (17031607)   164.74936 (17031607)
170.51008 (17031607)
 4191605.2 | 151.10316 (17011317)   153.52900 (17031607)   165.25749 (17031607)   172.63691 (17031607)
174.88715 (17031607)
 4191585.2 | 151.97148 (17031607)   164.98395 (17031607)   174.06397 (17031607)   178.21139 (17031607)
176.58418 (17031607)
 4191565.2 | 164.30183 (17031607)   175.06828 (17031607)   180.64120 (17031607)   180.69327 (17031607)
174.98278 (17031607)
 4191545.2 | 175.23571 (17031607)   183.00707 (17031607)   184.69873 (17031607)   180.41842 (17031607)
170.58541 (17031607)
 4191525.2 | 184.48944 (17031607)   188.43864 (17031607)   185.86790 (17031607)   177.26787 (17031607)
167.58236 (15020708)
 4191505.2 | 191.24988 (17031607)   190.90550 (17031607)   184.09342 (17031607)   171.41950 (17031607)
182.19197 (15020708)
 4191485.2 | 195.83825 (17031607)   190.48247 (17031607)   178.96170 (17031607)   184.70317 (15020708)
195.21063 (15020708)
 4191465.2 | 197.37704 (17031607)   186.88654 (17031607)   186.86748 (15020708)   198.12539 (15020708)
205.90669 (15020708)
 4191445.2 | 194.43866 (17031607)   189.22985 (15020708)   201.66172 (15020708)   209.80213 (15020708)
213.41789 (15020708)
 4191425.2 | 191.32722 (15020708)   204.60107 (15020708)   213.86901 (15020708)   218.31404 (15020708)
219.33676 (15012009)
 4191405.2 | 207.73015 (15020708)   217.42362 (15020708)   222.78411 (15020708)   223.64681 (15012009)
231.72349 (15012009)
 4191385.2 | 220.72735 (15020708)   226.57744 (15020708)   227.76366 (15020708)   236.81910 (15012009)
240.63899 (15012009)
 4191365.2 | 231.58342 (15020708)   232.76868 (15020708)   240.96873 (15012009)   246.21152 (15012009)
245.09146 (15012009)
 4191345.2 | 239.74158 (15020708)   245.77540 (15012009)   251.39642 (15012009)   251.37569 (15012009)
244.73609 (15012009)
 4191325.2 | 252.30766 (15012009)   256.95617 (15012009)   257.16479 (15012009)   251.46487 (15012009)
239.20747 (15012009)
 4191305.2 | 264.39150 (15012009)   263.37383 (15012009)   257.71839 (15012009)   246.18893 (15012009)
228.52250 (15012009)
 4191285.2 | 271.58016 (15012009)   264.43233 (15012009)   252.56350 (15012009)   235.52975 (15012009)
216.50209 (16122217)

 4191265.2 | 273.22995 (15012009)   259.75964 (15012009)   241.76482 (15012009)   221.44687 (16122217)
222.18468 (16122217)
 4191245.2 | 268.91952 (15012009)   249.25774 (15012009)   227.08729 (16122217)   227.29601 (16122217)
222.99694 (16120517)
 4191225.2 | 258.50144 (15012009)   233.47328 (16122217)   233.18994 (16122217)   229.83266 (16120517)
231.15737 (16120517)
 4191205.2 | 242.46911 (15012009)   240.58732 (16122217)   237.06212 (16120517)   237.51882 (16120517)
233.93153 (16120517)
 4191185.2 | 247.36825 (16122217)   245.16125 (16120517)   245.00032 (16120517)   240.23854 (16120517)
231.49345 (16120517)
 4191165.2 | 252.85638 (16120517)   252.20433 (16120517)   246.92607 (16120517)   237.16315 (16120517)
235.83969 (14012907)
 4191145.2 | 259.33443 (16120517)   253.14559 (16120517)   242.52728 (14012907)   243.24974 (14012907)
240.27955 (14012907)
 4191125.2 | 259.56742 (16120517)   251.11407 (14012907)   250.76764 (14012907)   246.59672 (14012907)
238.73901 (14012907)
 4191105.2 | 259.89704 (14012907)   258.38820 (14012907)   252.92778 (14012907)   243.68757 (14012907)
231.06870 (14012907)
 4191085.2 | 266.21273 (14012907)   259.79658 (14012907)   249.12135 (14012907)   234.92072 (14012907)
232.46819 (14010709)
 4191065.2 | 266.32168 (14012907)   254.22194 (14012907)   242.13321 (14010709)   238.30828 (14010709)
231.37161 (14010709)
 4191045.2 | 259.08664 (14012907)   249.21074 (14010709)   243.79514 (14010709)   240.84080 (13011717)
244.89118 (13011717)
 4191025.2 | 256.05075 (14010709)   248.97629 (14010709)   253.17069 (13011717)   255.54077 (13011717)
255.33040 (13011717)
 4191005.2 | 261.85686 (13011717)   265.08214 (13011717)   265.62987 (13011717)   263.53962 (13011717)
258.84536 (13011717)
 4190985.2 | 276.47797 (13011717)   275.07715 (13011717)   270.99188 (13011717)   264.25286 (13011717)
254.91534 (13011717)
 4190965.2 | 283.81318 (13011717)   277.61700 (13011717)   268.71193 (13011717)   257.16723 (13011717)
243.14535 (13011717)
 4190945.2 | 283.34333 (13011717)   272.13533 (13011717)   258.25120 (13011717)   241.91869 (13011717)
223.51458 (13011717)
 4190925.2 | 274.42000 (13011717)   258.05272 (13011717)   239.30971 (13011717)   220.27710 (13121117)
223.71574 (13121117)
 4190905.2 | 256.44035 (13011717)   235.20431 (13011717)   236.41964 (13121117)   237.91800 (13121117)
238.08613 (13121117)
 4190885.2 | 250.14724 (13121117)   250.93620 (13121117)   250.37340 (13121117)   248.51766 (13121117)
245.40606 (13121117)
 4190865.2 | 263.58876 (13121117)   260.90042 (13121117)   256.95426 (13121117)   254.74471 (13012308)
254.83399 (13012308)
 4190845.2 | 271.11125 (13012308)   271.15028 (13012308)   270.08721 (13012308)   267.97029 (13012308)
264.83506 (13012308)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: SEAWALL
***
                               INCLUDING SOURCE(S):   L0000369   , L0000370   , L0000371   , L0000372   ,
L0000373   ,
               L0000374   , L0000375   , L0000376   , L0000377   , L0000378   , L0000379   , L0000380   ,
L0000381   ,
               L0000382   , L0000383   , L0000384   , L0000385   , L0000386   , L0000387   , L0000388   ,
L0000389   ,
               L0000390   , L0000391   , L0000392   , L0000393   , L0000394   , L0000395   , L0000396   ,
. . .   ,

                              *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                   ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560817.30   560837.30   560857.30   560877.30

560897.30
- -

Y-COORD (METERS)					
4190825.2	286.09449 (13012308)	282.70000 (13012308)	278.30041 (13012308)	272.91403 (13012308)	269.41734 (13010717)
4190805.2	292.36880 (13012308)	288.18296 (13010717)	284.58825 (13010717)	280.20907 (13010717)	275.05783 (13010717)
4190785.2	300.01494 (13010717)	294.10329 (13010717)	287.43378 (13010717)	280.00709 (13010717)	271.83453 (13010717)
4190765.2	299.89895 (13010717)	290.80188 (13010717)	280.95159 (13010717)	270.38250 (13010717)	259.15367 (13010717)
4190745.2	289.83718 (13010717)	277.38207 (13010717)	264.29642 (13010717)	250.69040 (13010717)	236.69434 (13010717)
4190725.2	268.67766 (13010717)	253.07536 (13010717)	237.47252 (14091907)	235.08698 (14091907)	232.55929 (14091907)
4190705.2	257.67522 (14091907)	253.74851 (14091907)	249.75094 (14091907)	245.67652 (14091907)	241.51912 (14091907)
4190685.2	264.75876 (14091907)	259.22508 (14091907)	253.64671 (14091907)	248.01264 (14091907)	242.31529 (14091907)
4190665.2	265.47412 (13020407)	261.30084 (13020407)	257.24409 (13020407)	253.29333 (13020407)	249.43889 (13020407)
4190645.2	283.26438 (13020407)	277.83866 (13020407)	272.57691 (13020407)	267.46393 (13020407)	262.48630 (13020407)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SEAWALL ***
INCLUDING SOURCE(S): L0000369 , L0000370 , L0000371 , L0000372 , L0000373 ,
L0000374 , L0000375 , L0000376 , L0000377 , L0000378 , L0000379 , L0000380 , L0000381 ,
L0000382 , L0000383 , L0000384 , L0000385 , L0000386 , L0000387 , L0000388 , L0000389 ,
L0000390 , L0000391 , L0000392 , L0000393 , L0000394 , L0000395 , L0000396 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 560917.30	560937.30	560957.30	560977.30	560997.30
4191625.2	171.26181 (17031607)	166.85530 (17031607)	157.58374 (17031607)	149.03253 (15020708)	160.33864 (15020708)
4191605.2	171.82010 (17031607)	163.60633 (17031607)	150.87037 (17031607)	161.98708 (15020708)	171.24813 (15020708)
4191585.2	169.55255 (17031607)	157.63213 (17031607)	163.59188 (15020708)	173.58671 (15020708)	180.19656 (15020708)
4191565.2	164.04346 (17031607)	164.87877 (15020708)	175.86276 (15020708)	183.28831 (15020708)	186.78597 (15020708)
4191545.2	166.14765 (15020708)	177.72392 (15020708)	186.09534 (15020708)	190.37778 (15020708)	190.41381 (15020708)
4191525.2	179.90656 (15020708)	188.82923 (15020708)	193.77617 (15020708)	194.41786 (15020708)	199.46034 (15012009)
4191505.2	191.87521 (15020708)	197.58614 (15020708)	198.87183 (15020708)	203.04586 (15012009)	208.79915 (15012009)
4191485.2	201.59047 (15020708)	203.41083 (15020708)	207.05377 (15012009)	213.40772 (15012009)	215.04342 (15012009)

 4191465.2 | 208.48481 (15020708)   210.84237 (15012009)   218.12906 (15012009)   220.38946 (15012009)
217.52167 (15012009)
 4191445.2 | 215.36961 (15012009)   222.62498 (15012009)   224.94816 (15012009)   222.40807 (15012009)
215.04808 (15012009)
 4191425.2 | 227.25151 (15012009)   230.19618 (15012009)   227.66781 (15012009)   220.32478 (15012009)
208.39746 (15012009)
 4191405.2 | 235.03002 (15012009)   233.19875 (15012009)   226.07802 (15012009)   214.06241 (15012009)
197.86414 (15012009)
 4191385.2 | 239.03640 (15012009)   232.05612 (15012009)   219.96217 (15012009)   203.46862 (15012009)
190.82654 (16122217)
 4191365.2 | 238.27116 (15012009)   226.10995 (15012009)   209.32102 (15012009)   195.57007 (16122217)
196.89752 (16122217)
 4191345.2 | 232.51996 (15012009)   215.43642 (15012009)   200.49853 (16122217)   201.60481 (16122217)
198.77827 (16122217)
 4191325.2 | 221.83106 (15012009)   205.62235 (16122217)   206.48936 (16122217)   203.29262 (16122217)
202.20188 (16120517)
 4191305.2 | 210.95280 (16122217)   211.56128 (16122217)   207.97145 (16122217)   207.63933 (16120517)
207.31066 (16120517)
 4191285.2 | 216.83152 (16122217)   212.82448 (16122217)   213.24639 (16120517)   212.35327 (16120517)
207.73169 (16120517)
 4191265.2 | 217.86235 (16122217)   219.02994 (16120517)   217.53082 (16120517)   212.18478 (16120517)
203.20117 (16120517)
 4191245.2 | 224.99750 (16120517)   222.84877 (16120517)   216.73336 (16120517)   206.88716 (16120517)
208.46141 (14012907)
 4191225.2 | 228.31332 (16120517)   221.38140 (16120517)   213.51441 (14012907)   214.52701 (14012907)
212.40155 (14012907)
 4191205.2 | 226.13353 (16120517)   220.60647 (14012907)   221.19603 (14012907)   217.90306 (14012907)
211.29448 (14012907)
 4191185.2 | 227.83160 (14012907)   226.92000 (14012907)   223.12301 (14012907)   215.72281 (14012907)
205.31597 (14012907)
 4191165.2 | 233.64131 (14012907)   227.71355 (14012907)   219.13506 (14012907)   208.05329 (14012907)
206.43937 (14010709)
 4191145.2 | 233.63835 (14012907)   223.56672 (14012907)   212.75972 (14010709)   212.09314 (14010709)
208.38672 (14010709)
 4191125.2 | 227.62310 (14012907)   219.72595 (14010709)   217.35995 (14010709)   212.22306 (14010709)
205.86131 (13011717)
 4191105.2 | 226.03228 (14010709)   222.46331 (14010709)   215.74274 (14010709)   216.53665 (13011717)
220.33706 (13011717)
 4191085.2 | 227.14588 (14010709)   222.35027 (13011717)   226.97122 (13011717)   229.28378 (13011717)
229.31351 (13011717)
 4191065.2 | 233.77487 (13011717)   236.94720 (13011717)   237.74752 (13011717)   236.09380 (13011717)
232.06158 (13011717)
 4191045.2 | 246.43882 (13011717)   245.53256 (13011717)   241.99145 (13011717)   236.08345 (13011717)
227.96061 (13011717)
 4191025.2 | 252.60612 (13011717)   247.18166 (13011717)   239.04659 (13011717)   229.11042 (13011717)
217.10508 (13011717)
 4191005.2 | 251.59484 (13011717)   241.59638 (13011717)   229.09001 (13011717)   215.16238 (13011717)
199.58790 (13011717)
 4190985.2 | 243.11267 (13011717)   228.73606 (13011717)   212.26274 (13011717)   194.64936 (13011717)
185.56294 (13121117)
 4190965.2 | 226.94656 (13011717)   208.91707 (13011717)   196.20385 (13121117)   200.18382 (13121117)
203.20254 (13121117)
 4190945.2 | 208.04562 (13121117)   211.98487 (13121117)   213.98936 (13121117)   214.99766 (13121117)
215.14377 (13121117)
 4190925.2 | 225.81524 (13121117)   226.66902 (13121117)   225.55413 (13121117)   223.52496 (13121117)
220.58921 (13121117)
 4190905.2 | 236.97416 (13121117)   234.65951 (13121117)   230.38461 (13121117)   225.48501 (13012308)
226.35462 (13012308)
 4190885.2 | 241.06125 (13121117)   240.32318 (13012308)   239.95000 (13012308)   238.59023 (13012308)
236.38354 (13012308)
 4190865.2 | 253.86773 (13012308)   251.90875 (13012308)   248.79506 (13012308)   244.47914 (13012308)
239.09364 (13012308)
 4190845.2 | 260.70911 (13012308)   255.61794 (13012308)   252.83876 (13010717)   250.03439 (13010717)
246.09705 (13010717)

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: SEAWALL
***
                                INCLUDING SOURCE(S):   L0000369   , L0000370   , L0000371   , L0000372   ,
L0000373   ,
                L0000374   , L0000375   , L0000376   , L0000377   , L0000378   , L0000379   , L0000380   ,
L0000381   ,
                L0000382   , L0000383   , L0000384   , L0000385   , L0000386   , L0000387   , L0000388   ,
L0000389   ,
                L0000390   , L0000391   , L0000392   , L0000393   , L0000394   , L0000395   , L0000396   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560917.30   560937.30   560957.30   560977.30
560997.30
 -
- - - - - - - -

 4190825.2 | 266.45362 (13010717)   262.70114 (13010717)   258.17928 (13010717)   252.71880 (13010717)
245.88841 (13010717)
 4190805.2 | 269.14572 (13010717)   262.48834 (13010717)   255.11020 (13010717)   246.85088 (13010717)
237.34035 (13010717)
 4190785.2 | 262.94275 (13010717)   253.37608 (13010717)   243.19709 (13010717)   232.29213 (13010717)
220.38048 (13010717)
 4190765.2 | 247.34709 (13010717)   235.06408 (13010717)   222.42046 (13010717)   209.41017 (13010717)
196.02567 (13010717)
 4190745.2 | 222.45123 (13010717)   213.30620 (14091907)   212.00602 (14091907)   210.56158 (14091907)
208.69944 (14091907)
 4190725.2 | 229.89466 (14091907)   227.09644 (14091907)   224.16675 (14091907)   221.12826 (14091907)
217.92804 (14091907)
 4190705.2 | 237.27314 (14091907)   232.93399 (14091907)   228.49851 (14091907)   223.96519 (14091907)
219.36343 (14091907)
 4190685.2 | 236.55047 (14091907)   230.71730 (14091907)   224.81798 (14091907)   218.85746 (14091907)
214.80462 (13020407)
 4190665.2 | 245.67196 (13020407)   241.98456 (13020407)   238.36945 (13020407)   234.82016 (13020407)
231.37511 (13020407)
 4190645.2 | 257.63227 (13020407)   252.89155 (13020407)   248.25517 (13020407)   243.71533 (13020407)
239.30127 (13020407)

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: SEAWALL
***
                                INCLUDING SOURCE(S):   L0000369   , L0000370   , L0000371   , L0000372   ,
L0000373   ,
                L0000374   , L0000375   , L0000376   , L0000377   , L0000378   , L0000379   , L0000380   ,
L0000381   ,
                L0000382   , L0000383   , L0000384   , L0000385   , L0000386   , L0000387   , L0000388   ,
L0000389   ,
                L0000390   , L0000391   , L0000392   , L0000393   , L0000394   , L0000395   , L0000396   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 561017.30   561037.30   561057.30   561077.30

561097.30
 -

 4191625.2 | 168.81551 (15020708)   173.96966 (15020708)   175.57021 (15020708)   175.76292 (15012009)
182.36905 (15012009)
 4191605.2 | 177.07532 (15020708)   179.25746 (15020708)   178.65753 (15012009)   185.67412 (15012009)
189.13613 (15012009)
 4191585.2 | 182.73296 (15020708)   181.84591 (15020708)   189.45665 (15012009)   192.98994 (15012009)
192.84288 (15012009)
 4191565.2 | 185.88893 (15020708)   192.65822 (15012009)   197.28855 (15012009)   197.47315 (15012009)
193.43215 (15012009)
 4191545.2 | 196.09320 (15012009)   201.08020 (15012009)   201.85832 (15012009)   198.22210 (15012009)
190.27100 (15012009)
 4191525.2 | 205.20393 (15012009)   206.27469 (15012009)   202.83530 (15012009)   195.18653 (15012009)
183.50834 (15012009)
 4191505.2 | 210.28797 (15012009)   207.36233 (15012009)   199.94925 (15012009)   188.12378 (15012009)
173.23222 (15012009)
 4191485.2 | 211.90141 (15012009)   204.54117 (15012009)   193.10955 (15012009)   177.92242 (15012009)
169.69789 (16122217)
 4191465.2 | 209.61732 (15012009)   197.72347 (15012009)   182.47601 (15012009)   174.01451 (16122217)
176.04598 (16122217)
 4191445.2 | 203.03949 (15012009)   187.34398 (15012009)   177.61216 (16122217)   179.81071 (16122217)
178.52881 (16122217)
 4191425.2 | 192.49359 (15012009)   181.85626 (16122217)   183.74971 (16122217)   182.19800 (16122217)
177.35299 (16120517)
 4191405.2 | 186.25827 (16122217)   187.97827 (16122217)   186.13659 (16122217)   182.02870 (16120517)
183.96746 (16120517)
 4191385.2 | 192.35821 (16122217)   190.20810 (16122217)   186.84645 (16120517)   188.39947 (16120517)
186.79613 (16120517)
 4191365.2 | 194.41949 (16122217)   191.81110 (16120517)   192.94633 (16120517)   190.81372 (16120517)
185.34255 (16120517)
 4191345.2 | 196.92776 (16120517)   197.61135 (16120517)   194.91406 (16120517)   188.94647 (16120517)
179.56053 (16120517)
 4191325.2 | 202.39814 (16120517)   199.09901 (16120517)   192.35198 (16120517)   184.47446 (14012907)
186.11191 (14012907)
 4191305.2 | 203.37073 (16120517)   195.79310 (16120517)   190.28899 (14012907)   191.12889 (14012907)
189.58863 (14012907)
 4191285.2 | 199.56508 (16120517)   196.10981 (14012907)   196.12303 (14012907)   193.85004 (14012907)
190.24543 (14012907)
 4191265.2 | 202.46011 (14012907)   201.65725 (14012907)   198.08206 (14012907)   192.21396 (14012907)
185.49741 (14012907)
 4191245.2 | 207.25206 (14012907)   202.62933 (14012907)   195.40171 (14012907)   186.02835 (14012907)
182.83872 (14010709)
 4191225.2 | 207.22761 (14012907)   198.85577 (14012907)   188.03346 (14012907)   187.97834 (14010709)
186.60494 (14010709)
 4191205.2 | 202.16655 (14012907)   194.07112 (14010709)   193.45311 (14010709)   190.17112 (14010709)
185.47429 (14010709)
 4191185.2 | 200.29871 (14010709)   198.65011 (14010709)   194.33800 (14010709)   187.14888 (14010709)
184.74222 (13011717)
 4191165.2 | 203.66510 (14010709)   198.04061 (14010709)   189.70413 (13011717)   194.29336 (13011717)
197.43298 (13011717)
 4191145.2 | 201.27781 (14010709)   200.45111 (13011717)   204.43487 (13011717)   205.96183 (13011717)
205.52537 (13011717)
 4191125.2 | 210.65329 (13011717)   213.16901 (13011717)   213.55743 (13011717)   211.83355 (13011717)
207.97498 (13011717)
 4191105.2 | 221.79624 (13011717)   220.49899 (13011717)   216.59105 (13011717)   211.57827 (13011717)
204.53616 (13011717)
 4191085.2 | 226.91043 (13011717)   221.72978 (13011717)   214.01034 (13011717)   205.33617 (13011717)
194.85080 (13011717)
 4191065.2 | 225.61852 (13011717)   216.78033 (13011717)   205.74901 (13011717)   192.97989 (13011717)
179.39495 (13011717)
 4191045.2 | 217.63815 (13011717)   205.48403 (13011717)   191.48679 (13011717)   175.04983 (13011717)
162.19276 (13011617)
 4191025.2 | 202.55561 (13011717)   187.39675 (13011717)   172.64187 (13011617)   167.05929 (13121117)
171.25388 (13121117)
 4191005.2 | 181.98156 (13011717)   175.89376 (13121117)   180.95171 (13121117)   184.60314 (13121117)
186.53009 (13121117)
 4190985.2 | 190.05860 (13121117)   193.42460 (13121117)   195.65989 (13121117)   196.77165 (13121117)

196.36025 (13121117)
 4190965.2 | 205.03314 (13121117)   205.42408 (13121117)   204.53544 (13121117)   202.93702 (13121117)
200.43931 (13121117)
 4190945.2 | 213.81210 (13121117)   211.18864 (13121117)   207.53363 (13121117)   203.49804 (13121117)
203.50034 (13012308)
 4190925.2 | 215.80569 (13121117)   213.04714 (13012308)   214.10363 (13012308)   214.59929 (13012308)
213.74307 (13012308)
 4190905.2 | 225.55605 (13012308)   224.73864 (13012308)   223.40246 (13012308)   221.17084 (13012308)
217.43514 (13012308)
 4190885.2 | 233.09266 (13012308)   229.68302 (13012308)   225.64080 (13012308)   224.37948 (13010717)
222.41042 (13010717)
 4190865.2 | 236.94406 (13010717)   235.36068 (13010717)   232.87911 (13010717)   229.33812 (13010717)
224.86882 (13010717)
 4190845.2 | 242.60055 (13010717)   238.03951 (13010717)   232.75023 (13010717)   226.67860 (13010717)
219.94111 (13010717)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: SEAWALL
***
                               INCLUDING SOURCE(S):   L0000369   , L0000370   , L0000371   , L0000372   ,
L0000373   ,
               L0000374   , L0000375   , L0000376   , L0000377   , L0000378   , L0000379   , L0000380   ,
L0000381   ,
               L0000382   , L0000383   , L0000384   , L0000385   , L0000386   , L0000387   , L0000388   ,
L0000389   ,
               L0000390   , L0000391   , L0000392   , L0000393   , L0000394   , L0000395   , L0000396   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 561017.30   561037.30   561057.30   561077.30
561097.30
 -
- - - - - - - -

 4190825.2 | 239.86575 (13010717)   232.77167 (13010717)   224.92169 (13010717)   216.45456 (13010717)
207.52536 (13010717)
 4190805.2 | 228.72860 (13010717)   219.31519 (13010717)   209.14942 (13010717)   198.66312 (13010717)
187.95981 (13010717)
 4190785.2 | 209.51328 (13010717)   198.12377 (13010717)   186.30623 (13010717)   174.47625 (13010717)
173.49855 (14091907)
 4190765.2 | 191.97971 (14091907)   191.70155 (14091907)   190.99553 (14091907)   190.12544 (14091907)
189.06744 (14091907)
 4190745.2 | 206.86949 (14091907)   205.01995 (14091907)   202.87203 (14091907)   200.56046 (14091907)
198.09828 (14091907)
 4190725.2 | 214.19023 (14091907)   210.88226 (14091907)   207.57234 (14091907)   203.92353 (14091907)
200.10531 (14091907)
 4190705.2 | 214.03812 (14091907)   209.31897 (14091907)   204.75558 (14091907)   199.92967 (14091907)
194.85496 (14091907)
 4190685.2 | 211.88389 (13020407)   209.62080 (13020407)   207.60943 (13020407)   205.42170 (13020407)
203.06543 (13020407)
 4190665.2 | 227.31360 (13020407)   224.02861 (13020407)   220.95519 (13020407)   217.55996 (13020407)
214.54940 (13020407)
 4190645.2 | 234.50159 (13020407)   230.23311 (13020407)   226.09995 (13020407)   221.29000 (13020407)
217.85524 (13020407)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: SEAWALL
***
                                INCLUDING SOURCE(S):   L0000369   , L0000370   , L0000371   , L0000372   ,
L0000373   ,
                L0000374   , L0000375   , L0000376   , L0000377   , L0000378   , L0000379   , L0000380   ,
L0000381   ,
                L0000382   , L0000383   , L0000384   , L0000385   , L0000386   , L0000387   , L0000388   ,
L0000389   ,
                L0000390   , L0000391   , L0000392   , L0000393   , L0000394   , L0000395   , L0000396   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 561117.30   561137.30   561157.30   561177.30
561197.30
 -
- - - - - - - -

 4191625.2 | 185.51598 (15012009)   184.95255 (15012009)   180.70360 (15012009)   173.00929 (15012009)
162.30558 (15012009)
 4191605.2 | 188.83931 (15012009)   184.72593 (15012009)   177.02828 (15012009)   166.18553 (15012009)
152.80590 (15012009)
 4191585.2 | 188.87905 (15012009)   181.18655 (15012009)   170.20684 (15012009)   156.56216 (15012009)
151.72805 (16122217)
 4191565.2 | 185.49051 (15012009)   174.37644 (15012009)   160.46229 (15012009)   155.05967 (16122217)
157.82423 (16122217)
 4191545.2 | 178.70169 (15012009)   164.51380 (15012009)   158.50389 (16122217)   161.17530 (16122217)
161.02795 (16122217)
 4191525.2 | 168.72476 (15012009)   162.06601 (16122217)   164.63503 (16122217)   164.28927 (16122217)
161.03849 (16122217)
 4191505.2 | 165.75169 (16122217)   168.20840 (16122217)   167.65105 (16122217)   164.09795 (16122217)
163.42729 (16120517)
 4191485.2 | 171.90071 (16122217)   171.11780 (16122217)   167.24560 (16122217)   167.32836 (16120517)
167.89652 (16120517)
 4191465.2 | 174.69436 (16122217)   170.48538 (16122217)   171.33033 (16120517)   171.52238 (16120517)
168.97925 (16120517)
 4191445.2 | 173.82151 (16122217)   175.43572 (16120517)   175.22405 (16120517)   172.18989 (16120517)
166.47002 (16120517)
 4191425.2 | 179.64718 (16120517)   178.78623 (16120517)   175.16395 (16120517)   168.87095 (16120517)
161.58607 (14012907)
 4191405.2 | 182.78602 (16120517)   178.12193 (16120517)   171.21795 (16120517)   166.17249 (14012907)
170.90557 (14012907)
 4191385.2 | 182.10344 (16120517)   174.38605 (16120517)   171.52203 (14012907)   172.71666 (14012907)
171.50425 (14012907)
 4191365.2 | 176.93521 (16120517)   176.39998 (14012907)   176.99426 (14012907)   175.22460 (14012907)
171.17408 (14012907)
 4191345.2 | 180.95597 (14012907)   180.94940 (14012907)   178.50579 (14012907)   173.72999 (14012907)
166.81358 (14012907)
 4191325.2 | 185.27192 (14012907)   182.04991 (14012907)   176.44608 (14012907)   168.68314 (14012907)
164.06475 (14010709)
 4191305.2 | 186.06058 (14012907)   179.66865 (14012907)   170.40050 (14012907)   169.23643 (14010709)
169.26640 (14010709)
 4191285.2 | 187.19778 (14012907)   177.38898 (14012907)   173.44724 (14010709)   173.31633 (14010709)
170.29986 (14010709)
 4191265.2 | 179.86906 (14010709)   182.82607 (14010709)   181.45902 (14010709)   177.32825 (14010709)
169.71500 (14010709)
 4191245.2 | 184.86362 (14010709)   184.05672 (14010709)   179.79872 (14010709)   172.70522 (14010709)
175.39279 (13011717)
 4191225.2 | 184.91906 (14010709)   178.64404 (14010709)   175.88890 (13011717)   183.29769 (13011717)
186.98015 (13011717)
 4191205.2 | 179.93357 (14010709)   183.30414 (13011717)   187.39764 (13011717)   188.55319 (13011717)
188.95511 (13011717)
 4191185.2 | 190.56108 (13011717)   193.59095 (13011717)   193.01351 (13011717)   191.94049 (13011717)

188.98025 (13011717)
 4191165.2 | 198.91570 (13011717)   198.42752 (13011717)   195.98673 (13011717)   191.65295 (13011717)
185.53071 (13011717)
 4191145.2 | 203.18291 (13011717)   199.31730 (13011717)   193.54733 (13011717)   186.10213 (13011717)
177.22925 (13011717)
 4191125.2 | 202.19388 (13011717)   194.86280 (13011717)   185.81676 (13011717)   175.37743 (13011717)
163.94240 (13011717)
 4191105.2 | 195.62744 (13011717)   185.07117 (13011717)   173.13952 (13011717)   160.45579 (13011617)
150.35950 (13011617)
 4191085.2 | 182.81739 (13011717)   169.55270 (13011717)   157.89326 (13011617)   146.62218 (13011617)
142.79634 (13121117)
 4191065.2 | 165.89883 (13011617)   154.36036 (13011617)   150.05899 (13121117)   155.09131 (13121117)
159.27913 (13121117)
 4191045.2 | 157.82515 (13121117)   162.78838 (13121117)   166.83988 (13121117)   169.94911 (13121117)
172.09766 (13121117)
 4191025.2 | 174.26686 (13121117)   177.64503 (13121117)   179.59292 (13121117)   180.43216 (13121117)
180.26291 (13121117)
 4191005.2 | 186.95812 (13121117)   187.85124 (13121117)   187.35582 (13121117)   185.73245 (13121117)
183.11059 (13121117)
 4190985.2 | 194.79354 (13121117)   192.66390 (13121117)   189.50478 (13121117)   185.35951 (13121117)
183.77271 (13012308)
 4190965.2 | 196.85148 (13121117)   192.77460 (13012308)   193.82194 (13012308)   194.01500 (13012308)
194.06011 (13012308)
 4190945.2 | 204.36220 (13012308)   204.11453 (13012308)   202.79048 (13012308)   200.70525 (13012308)
198.28176 (13012308)
 4190925.2 | 211.83765 (13012308)   209.08171 (13012308)   205.51037 (13012308)   201.44144 (13010717)
200.88881 (13010717)
 4190905.2 | 212.65543 (13012308)   211.77246 (13010717)   210.32269 (13010717)   208.18140 (13010717)
205.37369 (13010717)
 4190885.2 | 219.58332 (13010717)   216.44857 (13010717)   212.64497 (13010717)   208.20629 (13010717)
203.17160 (13010717)
 4190865.2 | 219.52151 (13010717)   214.09722 (13010717)   208.00555 (13010717)   201.38333 (13010717)
194.28874 (13010717)
 4190845.2 | 212.64280 (13010717)   205.10309 (13010717)   196.93941 (13010717)   188.38574 (13010717)
179.54962 (13010717)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: SEAWALL
***
                               INCLUDING SOURCE(S):   L0000369   , L0000370   , L0000371   , L0000372   ,
L0000373   ,
               L0000374   , L0000375   , L0000376   , L0000377   , L0000378   , L0000379   , L0000380   ,
L0000381   ,
               L0000382   , L0000383   , L0000384   , L0000385   , L0000386   , L0000387   , L0000388   ,
L0000389   ,
               L0000390   , L0000391   , L0000392   , L0000393   , L0000394   , L0000395   , L0000396   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 561117.30   561137.30   561157.30   561177.30
561197.30
 -
- - - - - - - -

 4190825.2 | 198.24011 (13010717)   188.64737 (13010717)   178.81467 (13010717)   168.87381 (13010717)
158.89851 (13010717)
 4190805.2 | 177.13867 (13010717)   166.29701 (13010717)   157.45025 (14122717)   157.01646 (14091907)
157.63557 (14091907)
 4190785.2 | 173.65306 (14091907)   173.60182 (14091907)   173.35176 (14091907)   172.90937 (14091907)

172.28083 (14091907)
 4190765.2 | 187.82820 (14091907)   186.41384 (14091907)   184.83014 (14091907)   183.08268 (14091907)
181.17705 (14091907)
 4190745.2 | 195.48994 (14091907)   192.74015 (14091907)   189.85402 (14091907)   186.83720 (14091907)
183.69591 (14091907)
 4190725.2 | 196.19304 (14091907)   192.17680 (14091907)   188.06400 (14091907)   183.86297 (14091907)
179.58280 (14091907)
 4190705.2 | 189.74425 (14091907)   184.58465 (14091907)   180.29554 (13020407)   178.91373 (13020407)
177.51053 (13020407)
 4190685.2 | 200.75869 (13020407)   198.45910 (13020407)   196.16569 (13020407)   193.87769 (13020407)
191.59448 (13020407)
 4190665.2 | 211.40749 (13020407)   208.22517 (13020407)   205.07627 (13020407)   201.95931 (13020407)
198.87312 (13020407)
 4190645.2 | 214.17572 (13020407)   210.23026 (13020407)   206.34593 (13020407)   202.52117 (13020407)
198.75467 (13020407)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: SEAWALL
***
                               INCLUDING SOURCE(S):   L0000369   , L0000370   , L0000371   , L0000372   ,
L0000373   ,
               L0000374   , L0000375   , L0000376   , L0000377   , L0000378   , L0000379   , L0000380   ,
L0000381   ,
               L0000382   , L0000383   , L0000384   , L0000385   , L0000386   , L0000387   , L0000388   ,
L0000389   ,
               L0000390   , L0000391   , L0000392   , L0000393   , L0000394   , L0000395   , L0000396   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 561217.30   561237.30   561257.30   561277.30
561297.30
 -
- - - - - - - -

 4191625.2 | 149.18641 (15012009)   145.38284 (16122217)   148.37738 (16122217)   148.90599 (16122217)
146.94307 (16122217)
 4191605.2 | 148.50401 (16122217)   151.42957 (16122217)   151.80551 (16122217)   149.61234 (16122217)
145.35192 (16120517)
 4191585.2 | 154.57712 (16122217)   154.78995 (16122217)   152.35358 (16122217)   148.78396 (16120517)
150.86630 (16120517)
 4191565.2 | 157.86284 (16122217)   155.16963 (16122217)   152.30528 (16120517)   154.12933 (16120517)
153.63742 (16120517)
 4191545.2 | 158.06353 (16122217)   155.91809 (16120517)   157.46282 (16120517)   156.61042 (16120517)
153.40433 (16120517)
 4191525.2 | 159.62465 (16120517)   160.86781 (16120517)   159.63125 (16120517)   155.97467 (16120517)
150.06332 (16120517)
 4191505.2 | 164.34536 (16120517)   162.69976 (16120517)   158.56765 (16120517)   152.13534 (16120517)
147.33625 (14012907)
 4191485.2 | 165.92800 (16120517)   161.34114 (16120517)   154.25570 (16120517)   151.49105 (14012907)
153.15690 (14012907)
 4191465.2 | 164.03441 (16120517)   156.64954 (16120517)   155.78567 (14012907)   156.84965 (14012907)
156.04621 (14012907)
 4191445.2 | 158.20393 (16120517)   159.68518 (14012907)   160.26463 (14012907)   158.86402 (14012907)
156.00947 (14012907)
 4191425.2 | 163.74739 (14012907)   163.87057 (14012907)   162.30429 (14012907)   161.53169 (14012907)
156.47207 (14012907)
 4191405.2 | 168.44463 (14012907)   165.11753 (14012907)   163.93441 (14012907)   158.45544 (14012907)
149.72179 (14012907)
 4191385.2 | 168.16177 (14012907)   165.59572 (14012907)   155.37994 (14012907)   152.26567 (14010709)

153.64407 (14010709)
 4191365.2 | 164.75319 (14012907)   157.08119 (14012907)   156.94194 (14010709)   157.66182 (14010709)
156.29527 (14010709)
 4191345.2 | 159.46347 (14010709)   161.48065 (14010709)   161.20676 (14010709)   158.96020 (14010709)
154.81364 (14010709)
 4191325.2 | 165.35694 (14010709)   164.52430 (14010709)   161.34902 (14010709)   156.25554 (14010709)
149.50247 (13121017)
 4191305.2 | 167.25448 (14010709)   163.25023 (14010709)   157.30324 (14010709)   152.40969 (13011717)
157.36753 (13011717)
 4191285.2 | 164.86481 (14010709)   157.58267 (14010709)   159.82687 (13011717)   164.21724 (13011717)
166.91076 (13011717)
 4191265.2 | 161.57840 (13011717)   167.18096 (13011717)   169.87005 (13011717)   171.94229 (13011717)
172.54671 (13011717)
 4191245.2 | 176.01244 (13011717)   176.56633 (13011717)   180.06547 (13011717)   178.87151 (13011717)
173.30821 (13011717)
 4191225.2 | 185.00239 (13011717)   181.62786 (13011717)   186.08881 (13011717)   183.08960 (13011717)
177.33388 (13011717)
 4191205.2 | 187.46123 (13011717)   185.12791 (13011717)   181.37680 (13011717)   177.37440 (13011717)
169.89380 (13011717)
 4191185.2 | 184.44665 (13011717)   180.15749 (13011717)   173.94860 (13011717)   167.00061 (13011717)
156.58394 (13011717)
 4191165.2 | 177.77156 (13011717)   168.88352 (13011717)   163.45661 (13011717)   152.16619 (13011617)
143.08372 (13011617)
 4191145.2 | 166.54963 (13011717)   155.19166 (13011717)   149.30493 (13011617)   138.53373 (13011617)
126.63958 (13011617)
 4191125.2 | 152.84069 (13011617)   142.91395 (13011617)   132.99356 (13011617)   128.61476 (13121117)
134.25533 (13121117)
 4191105.2 | 139.12068 (13011617)   135.46007 (13121117)   140.94805 (13121117)   145.43073 (13121117)
149.02283 (13121117)
 4191085.2 | 147.79668 (13121117)   151.93976 (13121117)   155.54913 (13121117)   158.23142 (13121117)
160.03974 (13121117)
 4191065.2 | 162.58532 (13121117)   164.98510 (13121117)   166.46480 (13121117)   167.02119 (13121117)
166.73177 (13121117)
 4191045.2 | 173.27775 (13121117)   173.49140 (13121117)   172.75020 (13121117)   171.07558 (13121117)
168.64188 (13121117)
 4191025.2 | 179.10149 (13121117)   176.97360 (13121117)   173.91528 (13121117)   170.19263 (13121117)
167.85534 (13012308)
 4191005.2 | 179.69825 (13121117)   175.35375 (13121117)   176.28656 (13012308)   177.31881 (13012308)
177.58365 (13012308)
 4190985.2 | 185.22758 (13012308)   185.81792 (13012308)   185.31161 (13012308)   184.04859 (13012308)
182.05367 (13012308)
 4190965.2 | 193.02312 (13012308)   191.18724 (13012308)   188.47373 (13012308)   185.04762 (13012308)
182.10687 (13010717)
 4190945.2 | 194.97145 (13012308)   191.52260 (13010717)   191.00278 (13010717)   189.89420 (13010717)
188.22130 (13010717)
 4190925.2 | 199.90279 (13010717)   198.19534 (13010717)   195.36678 (13010717)   192.11705 (13010717)
188.41619 (13010717)
 4190905.2 | 201.78294 (13010717)   197.58773 (13010717)   193.20071 (13010717)   188.13058 (13010717)
182.52133 (13010717)
 4190885.2 | 197.51500 (13010717)   191.36156 (13010717)   184.90242 (13010717)   178.04675 (13010717)
170.80436 (13010717)
 4190865.2 | 187.01254 (13010717)   179.28368 (13010717)   170.88078 (13010717)   162.46235 (13010717)
153.97651 (13010717)
 4190845.2 | 170.36867 (13010717)   160.97379 (13010717)   151.70077 (13010717)   142.12425 (13010717)
138.73574 (14122717)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: SEAWALL
***
                                INCLUDING SOURCE(S):   L0000369   , L0000370   , L0000371   , L0000372   ,
L0000373   ,
              L0000374   , L0000375   , L0000376   , L0000377   , L0000378   , L0000379   , L0000380   ,
L0000381   ,

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                L0000382    , L0000383    , L0000384    , L0000385    , L0000386    , L0000387    , L0000388    ,
L0000389    ,
                L0000390    , L0000391    , L0000392    , L0000393    , L0000394    , L0000395    , L0000396    ,
. . .      ,

                                *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10    IN MICROGRAMS/M**3                         **

  Y-COORD  |                                              X-COORD (METERS)
  (METERS) |       561217.30              561237.30              561257.30              561277.30
561297.30
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

 4190825.2 |    148.94688 (13010717)    147.25434 (14122717)    145.36672 (14122717)    143.05980 (14122717)
143.22025 (14091907)
 4190805.2 |    158.05688 (14091907)    158.31360 (14091907)    158.06839 (14091907)    157.76424 (14091907)
157.35773 (14091907)
 4190785.2 |    171.47201 (14091907)    170.51379 (14091907)    169.04256 (14091907)    167.55424 (14091907)
166.09334 (14091907)
 4190765.2 |    179.11891 (14091907)    176.93436 (14091907)    174.37053 (14091907)    171.69393 (14091907)
169.05493 (14091907)
 4190745.2 |    180.43699 (14091907)    177.07960 (14091907)    173.54087 (14091907)    169.79827 (14091907)
165.95177 (14091907)
 4190725.2 |    175.23328 (14091907)    170.82468 (14091907)    166.38356 (14091907)    161.74285 (14091907)
156.84529 (14091907)
 4190705.2 |    176.08650 (13020407)    174.64222 (13020407)    173.17828 (13020407)    171.70026 (13020407)
169.95091 (13020407)
 4190685.2 |    189.31559 (13020407)    187.04074 (13020407)    184.76975 (13020407)    182.50260 (13020407)
180.26372 (13020407)
 4190665.2 |    195.81674 (13020407)    192.78948 (13020407)    189.79080 (13020407)    186.82035 (13020407)
183.89807 (13020407)
 4190645.2 |    195.04535 (13020407)    191.39230 (13020407)    187.79473 (13020407)    184.25202 (13020407)
180.77534 (13020407)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                  ***
  09:59:03

PAGE  1414
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

                            *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  SEAWALL
***
                                INCLUDING SOURCE(S):     L0000369    , L0000370    , L0000371    , L0000372    ,
L0000373    ,
                L0000374    , L0000375    , L0000376    , L0000377    , L0000378    , L0000379    , L0000380    ,
L0000381    ,
                L0000382    , L0000383    , L0000384    , L0000385    , L0000386    , L0000387    , L0000388    ,
L0000389    ,
                L0000390    , L0000391    , L0000392    , L0000393    , L0000394    , L0000395    , L0000396    ,
. . .      ,

                                *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10    IN MICROGRAMS/M**3                         **

  Y-COORD  |                                              X-COORD (METERS)
  (METERS) |       561317.30              561337.30              561357.30              561377.30
561397.30
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

 4191625.2 |    142.58308 (16122217)    144.31693 (16120517)    144.56758 (16120517)    142.97512 (16120517)
139.37129 (16120517)
 4191605.2 |    147.67269 (16120517)    147.59597 (16120517)    145.42895 (16120517)    141.41840 (16120517)
135.52124 (16120517)
 4191585.2 |    150.71232 (16120517)    148.09277 (16120517)    143.47112 (16120517)    137.11664 (16120517)
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134.41030 (14012907)
 4191565.2 | 150.85781 (16120517)   145.67442 (16120517)   138.69609 (16120517)   138.00668 (14012907)
139.61112 (14012907)
 4191545.2 | 147.98994 (16120517)   140.36837 (16120517)   141.64017 (14012907)   142.85045 (14012907)
142.38243 (14012907)
 4191525.2 | 143.23789 (14012907)   145.50967 (14012907)   146.08812 (14012907)   145.13248 (14012907)
142.48681 (14012907)
 4191505.2 | 149.42980 (14012907)   149.49249 (14012907)   147.84044 (14012907)   144.63433 (14012907)
139.82443 (14012907)
 4191485.2 | 152.80416 (14012907)   150.63669 (14012907)   146.70459 (14012907)   141.32185 (14012907)
134.44984 (14012907)
 4191465.2 | 153.07560 (14012907)   148.77546 (14012907)   142.86743 (14012907)   137.09423 (14010709)
139.24794 (14010709)
 4191445.2 | 150.64897 (14012907)   144.04779 (14012907)   141.70051 (14010709)   142.99444 (14010709)
142.89701 (14010709)
 4191425.2 | 144.89105 (14012907)   145.73887 (14010709)   146.65402 (14010709)   145.72322 (14010709)
143.24322 (14010709)
 4191405.2 | 149.35283 (14010709)   149.72326 (14010709)   148.22016 (14010709)   144.98870 (14010709)
140.13399 (14010709)
 4191385.2 | 153.22345 (14010709)   150.85717 (14010709)   146.73804 (14010709)   141.00153 (14010709)
136.74395 (13121017)
 4191365.2 | 153.05715 (14010709)   148.05339 (14010709)   142.27873 (13121017)   141.43964 (13011717)
145.57794 (13011717)
 4191345.2 | 148.90121 (14010709)   143.87892 (13121017)   148.12164 (13011717)   151.83784 (13011717)
153.93872 (13011717)
 4191325.2 | 150.31789 (13011717)   154.63970 (13011717)   157.58734 (13011717)   159.10094 (13011717)
158.87350 (13011717)
 4191305.2 | 160.92614 (13011717)   163.01116 (13011717)   163.58424 (13011717)   162.64376 (13011717)
160.05715 (13011717)
 4191285.2 | 168.04165 (13011717)   167.59498 (13011717)   165.59381 (13011717)   162.09895 (13011717)
157.20769 (13011717)
 4191265.2 | 170.66407 (13011717)   167.69589 (13011717)   163.33816 (13011717)   157.35763 (13011717)
150.16684 (13011717)
 4191245.2 | 169.32858 (13011717)   163.43928 (13011717)   156.81625 (13011717)   148.59682 (13011717)
139.35214 (13011717)
 4191225.2 | 167.41993 (13011717)   155.28373 (13011717)   146.32708 (13011717)   138.07681 (13011617)
130.31992 (13011617)
 4191205.2 | 159.15979 (13011717)   144.19517 (13011617)   136.23379 (13011617)   127.80317 (13011617)
118.51382 (13011617)
 4191185.2 | 146.02224 (13011617)   134.26785 (13011617)   124.33896 (13011617)   114.65088 (13011617)
112.70764 (13121117)
 4191165.2 | 133.14708 (13011617)   120.55623 (13011617)   118.07309 (13121117)   123.32590 (13121117)
127.68178 (13121117)
 4191145.2 | 123.16465 (13121117)   127.82003 (13121117)   133.19172 (13121117)   137.41567 (13121117)
140.42280 (13121117)
 4191125.2 | 138.24452 (13121117)   142.33269 (13121117)   145.87922 (13121117)   148.55798 (13121117)
149.89900 (13121117)
 4191105.2 | 151.81503 (13121117)   153.78393 (13121117)   155.09308 (13121117)   155.93497 (13121117)
155.38671 (13121117)
 4191085.2 | 161.19893 (13121117)   161.06660 (13121117)   160.12332 (13121117)   158.96513 (13121117)
156.49036 (13121117)
 4191065.2 | 165.89057 (13121117)   163.69265 (13121117)   160.65975 (13121117)   157.33317 (13121117)
154.03571 (13012308)
 4191045.2 | 165.55886 (13121117)   161.39389 (13121117)   161.47228 (13012308)   162.81533 (13012308)
163.31100 (13012308)
 4191025.2 | 169.30122 (13012308)   169.98815 (13012308)   169.97448 (13012308)   169.47500 (13012308)
168.11105 (13012308)
 4191005.2 | 176.95519 (13012308)   175.61683 (13012308)   173.63955 (13012308)   171.21207 (13012308)
167.96028 (13012308)
 4190985.2 | 179.35806 (13012308)   175.99940 (13012308)   173.66142 (13010717)   173.73456 (13010717)
173.01632 (13010717)
 4190965.2 | 181.81937 (13010717)   180.92369 (13010717)   179.48813 (13010717)   177.70943 (13010717)
175.15802 (13010717)
 4190945.2 | 185.94748 (13010717)   183.10001 (13010717)   179.76178 (13010717)   176.14290 (13010717)
171.82181 (13010717)
 4190925.2 | 184.18006 (13010717)   179.45022 (13010717)   174.32269 (13010717)   169.01456 (13010717)
163.12731 (13010717)
 4190905.2 | 176.49060 (13010717)   170.09401 (13010717)   163.38974 (13010717)   156.52503 (13010717)
149.51937 (13010717)

 4190885.2 | 163.30350 (13010717)   155.60983 (13010717)   147.78856 (13010717)   139.90318 (13010717)
132.18378 (13010717)
 4190865.2 | 145.53609 (13010717)   137.05499 (13010717)   131.79024 (14122717)   131.03350 (14122717)
130.19692 (14122717)
 4190845.2 | 138.18817 (14122717)   136.78282 (14122717)   134.99302 (14122717)   133.12766 (14122717)
132.36357 (14091907)

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: SEAWALL
***
                                INCLUDING SOURCE(S):   L0000369   , L0000370   , L0000371   , L0000372   ,
L0000373   ,
                L0000374   , L0000375   , L0000376   , L0000377   , L0000378   , L0000379   , L0000380   ,
L0000381   ,
                L0000382   , L0000383   , L0000384   , L0000385   , L0000386   , L0000387   , L0000388   ,
L0000389   ,
                L0000390   , L0000391   , L0000392   , L0000393   , L0000394   , L0000395   , L0000396   ,
. . .   ,

                             *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                  ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 561317.30   561337.30   561357.30   561377.30
561397.30
 -
- - - - - - - -

 4190825.2 | 144.19975 (14091907)   144.75126 (14091907)   145.03579 (14091907)   145.11070 (14091907)
145.18168 (14091907)
 4190805.2 | 156.07560 (14091907)   155.72024 (14091907)   155.45577 (14091907)   154.48425 (14091907)
153.54497 (14091907)
 4190785.2 | 164.52655 (14091907)   162.22680 (14091907)   159.67594 (14091907)   158.27182 (14091907)
156.55449 (14091907)
 4190765.2 | 166.60861 (14091907)   163.32611 (14091907)   159.41787 (14091907)   156.66489 (14091907)
154.08371 (14091907)
 4190745.2 | 162.47589 (14091907)   158.59240 (14091907)   154.46347 (14091907)   149.89735 (14091907)
146.33490 (14091907)
 4190725.2 | 153.00133 (13020407)   151.97602 (13020407)   151.18168 (13020407)   150.65910 (13020407)
149.89659 (13020407)
 4190705.2 | 167.75664 (13020407)   165.65074 (13020407)   163.97565 (13020407)   163.23860 (13020407)
161.79034 (13020407)
 4190685.2 | 177.67588 (13020407)   174.69424 (13020407)   171.75826 (13020407)   170.05477 (13020407)
168.24600 (13020407)
 4190665.2 | 180.86029 (13020407)   177.63027 (13020407)   174.33135 (13020407)   170.94989 (13020407)
168.42775 (13020407)
 4190645.2 | 177.33379 (13020407)   173.75329 (13020407)   170.04225 (13020407)   166.30709 (13020407)
163.05813 (13020407)

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: SEAWALL
***
                                INCLUDING SOURCE(S):   L0000369   , L0000370   , L0000371   , L0000372   ,
L0000373   ,
                L0000374   , L0000375   , L0000376   , L0000377   , L0000378   , L0000379   , L0000380   ,
L0000381   ,

L0000382 , L0000383 , L0000384 , L0000385 , L0000386 , L0000387 , L0000388 , L0000389 ,
L0000390 , L0000391 , L0000392 , L0000393 , L0000394 , L0000395 , L0000396 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
560122.00	4190978.00	797.50317	(15011607)	560142.00	4190978.00	728.81750	(15011607)
560162.00	4190978.00	645.67323	(15010517)	560182.00	4190978.00	706.29452	(15010517)
560202.00	4190978.00	689.28668	(15010517)	560222.00	4190978.00	646.91464	(15112108)
560242.00	4190978.00	673.54990	(14112517)	560262.00	4190978.00	665.00307	(14112517)
560102.00	4190998.00	737.41521	(15011607)	560122.00	4190998.00	761.97465	(15011607)
560142.00	4190998.00	695.76026	(15011607)	560162.00	4190998.00	608.10679	(15010517)
560182.00	4190998.00	675.30374	(15010517)	560202.00	4190998.00	668.40850	(15010517)
560222.00	4190998.00	611.27509	(15112108)	560242.00	4190998.00	638.73503	(14112517)
560262.00	4190998.00	645.33388	(14112517)	560282.00	4190998.00	598.37488	(14112517)
560302.00	4190998.00	515.31328	(15021907)	560322.00	4190998.00	543.42811	(13121417)
560102.00	4191018.00	708.52599	(15011607)	560122.00	4191018.00	729.65852	(15011607)
560142.00	4191018.00	665.28946	(15011607)	560162.00	4191018.00	572.75553	(15010517)
560182.00	4191018.00	645.31847	(15010517)	560202.00	4191018.00	648.01281	(15010517)
560222.00	4191018.00	580.90276	(15010517)	560242.00	4191018.00	610.35559	(15112108)
560262.00	4191018.00	623.17154	(14112517)	560282.00	4191018.00	591.90778	(14112517)
560302.00	4191018.00	513.26192	(14112517)	560322.00	4191018.00	512.04998	(13121417)
560342.00	4191018.00	528.72839	(13121417)	560362.00	4191018.00	513.58845	(13121417)
560382.00	4191018.00	469.54464	(13121308)	560402.00	4191018.00	436.65475	(15020707)
560102.00	4191038.00	681.61420	(15011607)	560122.00	4191038.00	699.54806	(15011607)
560142.00	4191038.00	636.93683	(15011607)	560162.00	4191038.00	539.51893	(15010517)
560182.00	4191038.00	616.32876	(15010517)	560202.00	4191038.00	627.76540	(15010517)
560222.00	4191038.00	571.56565	(15010517)	560242.00	4191038.00	585.41108	(15112108)
560262.00	4191038.00	598.93443	(14112517)	560282.00	4191038.00	582.19704	(14112517)
560302.00	4191038.00	518.64036	(14112517)	560322.00	4191038.00	481.27336	(15021907)
560342.00	4191038.00	506.14936	(13121417)	560362.00	4191038.00	505.47631	(13121417)
560382.00	4191038.00	473.29837	(13121417)	560402.00	4191038.00	434.48198	(13121308)
560422.00	4191038.00	409.40787	(15020707)	560442.00	4191038.00	377.07695	(13122017)
560462.00	4191038.00	345.51263	(17031607)	560082.00	4191058.00	659.46556	(17112408)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SEAWALL ***

INCLUDING SOURCE(S): L0000369 , L0000370 , L0000371 , L0000372 , L0000373 ,
L0000374 , L0000375 , L0000376 , L0000377 , L0000378 , L0000379 , L0000380 , L0000381 ,
L0000382 , L0000383 , L0000384 , L0000385 , L0000386 , L0000387 , L0000388 , L0000389 ,
L0000390 , L0000391 , L0000392 , L0000393 , L0000394 , L0000395 , L0000396 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
560182.00	4191078.00	561.34362	(15010517)	560202.00	4191078.00	587.73252	(15010517)
560222.00	4191078.00	551.34437	(15010517)	560242.00	4191078.00	532.63041	(15112108)
560262.00	4191078.00	548.29036	(15112108)	560282.00	4191078.00	554.20586	(14112517)
560302.00	4191078.00	518.61991	(14112517)	560322.00	4191078.00	444.78065	(14112517)
560342.00	4191078.00	451.13955	(15021907)	560362.00	4191078.00	473.20165	(13121417)
560382.00	4191078.00	469.22207	(13121417)	560402.00	4191078.00	436.45041	(13121417)
560422.00	4191078.00	403.36717	(13121308)	560442.00	4191078.00	384.82840	(15020707)
560462.00	4191078.00	357.02227	(13122017)	560482.00	4191078.00	316.26660	(17031607)
560502.00	4191078.00	329.22673	(17031607)	560082.00	4191098.00	578.98042	(17112408)

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        560102.00   4191098.00      610.58059  (15011607)              560122.00   4191098.00      620.80302
(15011607)
        560142.00   4191098.00      562.66138  (15011607)              560162.00   4191098.00      454.58385
(15011607)
        560182.00   4191098.00      535.35732  (15010517)              560202.00   4191098.00      567.98798
(15010517)
        560222.00   4191098.00      540.54007  (15010517)              560242.00   4191098.00      505.30870
(15112108)
        560262.00   4191098.00      530.90622  (15112108)              560282.00   4191098.00      536.66989
(14112517)
        560302.00   4191098.00      513.76937  (14112517)              560322.00   4191098.00      452.26132
(14112517)
        560342.00   4191098.00      425.19873  (15021907)              560362.00   4191098.00      450.63879
(13121417)
        560382.00   4191098.00      458.78872  (13121417)              560402.00   4191098.00      439.46601
(13121417)
        560422.00   4191098.00      404.68470  (13121308)              560442.00   4191098.00      384.31377
(15020707)
        560462.00   4191098.00      361.16633  (13122017)              560482.00   4191098.00      329.58480
(13122017)
        560502.00   4191098.00      310.97769  (17031607)              560522.00   4191098.00      320.84323
(17031607)
        560062.00   4191118.00      636.53798  (17112408)              560082.00   4191118.00      541.99585
(17112408)
        560102.00   4191118.00      589.87416  (15011607)              560122.00   4191118.00      597.74701
(15011607)
        560142.00   4191118.00      540.96984  (15011607)              560162.00   4191118.00      437.20762
(15011607)
        560182.00   4191118.00      510.37687  (15010517)              560202.00   4191118.00      548.46613
(15010517)
        560222.00   4191118.00      529.32964  (15010517)              560242.00   4191118.00      477.72282
(15112108)
        560262.00   4191118.00      512.07491  (15112108)              560282.00   4191118.00      517.26322
(14112517)
        560302.00   4191118.00      506.08040  (14112517)              560322.00   4191118.00      456.58058
(14112517)
        560342.00   4191118.00      397.21144  (15021907)              560362.00   4191118.00      424.85203
(13121417)
        560382.00   4191118.00      443.67370  (13121417)              560402.00   4191118.00      436.86481
(13121417)
        560422.00   4191118.00      403.87145  (13121417)              560442.00   4191118.00      377.99866
(15020707)
        560462.00   4191118.00      362.97154  (15020707)              560482.00   4191118.00      338.97356
(13122017)
        560502.00   4191118.00      300.59718  (13122017)              560522.00   4191118.00      305.41845
(17031607)
        560062.00   4191138.00      603.79917  (17112408)              560082.00   4191138.00      507.08340
(17112408)
        560102.00   4191138.00      570.33714  (15011607)              560122.00   4191138.00      576.04648
(15011607)
        560142.00   4191138.00      520.59344  (15011607)              560162.00   4191138.00      420.92674
(15011607)
        560182.00   4191138.00      486.39706  (15010517)              560202.00   4191138.00      529.20353
(15010517)
        560222.00   4191138.00      517.75833  (15010517)              560242.00   4191138.00      454.28207
(15010517)
        560262.00   4191138.00      492.04851  (15112108)              560282.00   4191138.00      496.34768
(14112517)
        560302.00   4191138.00      495.85574  (14112517)              560322.00   4191138.00      457.89834
(14112517)
        560342.00   4191138.00      389.24401  (14112517)              560362.00   4191138.00      401.95387
(15021907)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

PAGE  1418
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*
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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SEAWALL ***

INCLUDING SOURCE(S): L0000369 , L0000370 , L0000371 , L0000372 , L0000373 ,
L0000374 , L0000375 , L0000376 , L0000377 , L0000378 , L0000379 , L0000380 , L0000381 ,
L0000382 , L0000383 , L0000384 , L0000385 , L0000386 , L0000387 , L0000388 , L0000389 ,
L0000390 , L0000391 , L0000392 , L0000393 , L0000394 , L0000395 , L0000396 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
560382.00	4191138.00	424.59349	(13121417)	560402.00	4191138.00	429.17272	(13121417)
560422.00	4191138.00	408.43109	(13121417)	560442.00	4191138.00	377.89640	(13121308)
560462.00	4191138.00	362.34054	(15020707)	560482.00	4191138.00	342.16338	(13122017)
560502.00	4191138.00	314.58208	(13122017)	560062.00	4191158.00	572.20240	(17112408)
560082.00	4191158.00	488.82732	(15011607)	560102.00	4191158.00	551.86535	(15011607)
560122.00	4191158.00	555.58649	(15011607)	560142.00	4191158.00	501.42289	(15011607)
560162.00	4191158.00	405.64396	(15011607)	560182.00	4191158.00	463.40666	(15010517)
560202.00	4191158.00	510.23770	(15010517)	560222.00	4191158.00	505.87373	(15010517)
560242.00	4191158.00	450.73869	(15010517)	560262.00	4191158.00	471.07952	(15112108)
560282.00	4191158.00	480.87435	(15112108)	560302.00	4191158.00	483.40412	(14112517)
560322.00	4191158.00	456.40467	(14112517)	560342.00	4191158.00	397.80431	(14112517)
560362.00	4191158.00	377.82483	(15021907)	560382.00	4191158.00	402.28027	(13121417)
560402.00	4191158.00	416.97997	(13121417)	560422.00	4191158.00	407.79938	(13121417)
560442.00	4191158.00	374.89402	(13121417)	560462.00	4191158.00	356.32968	(15020707)
560482.00	4191158.00	343.33099	(15020707)	560502.00	4191158.00	322.21975	(13122017)
560062.00	4191178.00	542.35892	(17112408)	560082.00	4191178.00	475.88499	(15011607)
560102.00	4191178.00	534.36812	(15011607)	560122.00	4191178.00	536.26569	(15011607)
560142.00	4191178.00	483.36056	(15011607)	560162.00	4191178.00	391.27321	(15011607)
560182.00	4191178.00	441.38875	(15010517)	560202.00	4191178.00	491.60497	(15010517)
560222.00	4191178.00	493.72503	(15010517)	560242.00	4191178.00	446.49714	(15010517)
560322.00	4191178.00	452.31321	(14112517)	560342.00	4191178.00	403.68664	(14112517)
560362.00	4191178.00	352.18417	(15021907)	560382.00	4191178.00	380.54691	(15021907)
560402.00	4191178.00	400.91996	(13121417)	560422.00	4191178.00	402.38702	(13121417)
560442.00	4191178.00	380.61204	(13121417)	560462.00	4191178.00	354.04767	(13121308)
560482.00	4191178.00	342.54045	(15020707)	560502.00	4191178.00	324.17711	

(13122017)
       560062.00   4191198.00   513.09465 (17112408)   560082.00   4191198.00   463.33515
(15011607)
       560102.00   4191198.00   517.76605 (15011607)   560122.00   4191198.00   517.99418
(15011607)
       560142.00   4191198.00   466.31894 (15011607)   560162.00   4191198.00   377.73798
(15011607)
       560182.00   4191198.00   420.32151 (15010517)   560202.00   4191198.00   473.33881
(15010517)
       560222.00   4191198.00   481.36230 (15010517)   560362.00   4191198.00   343.53528
(14112517)
       560382.00   4191198.00   359.81040 (15021907)   560402.00   4191198.00   381.65571
(13121417)
       560422.00   4191198.00   392.68669 (13121417)   560442.00   4191198.00   381.55552
(13121417)
       560462.00   4191198.00   351.78932 (13121308)   560482.00   4191198.00   336.78449
(15020707)
       560042.00   4191218.00   546.58253 (17112408)   560062.00   4191218.00   484.96882
(17112408)
       560082.00   4191218.00   451.62876 (15011607)   560102.00   4191218.00   501.98919
(15011607)
       560122.00   4191218.00   500.69180 (15011607)   560142.00   4191218.00   450.21936
(15011607)
       560162.00   4191218.00   364.97006 (15011607)   560182.00   4191218.00   400.17929
(15010517)
       560202.00   4191218.00   455.46883 (15010517)   560222.00   4191218.00   468.83549
(15010517)
       560342.00   4191218.00   407.79493 (14112517)   560362.00   4191218.00   352.54932
(14112517)
       560382.00   4191218.00   337.40539 (15021907)   560402.00   4191218.00   360.68252
(15021907)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                          *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: SEAWALL
***
                              INCLUDING SOURCE(S):   L0000369   , L0000370   , L0000371   , L0000372   ,
L0000373   ,
               L0000374   , L0000375   , L0000376   , L0000377   , L0000378   , L0000379   , L0000380   ,
L0000381   ,
               L0000382   , L0000383   , L0000384   , L0000385   , L0000386   , L0000387   , L0000388   ,
L0000389   ,
               L0000390   , L0000391   , L0000392   , L0000393   , L0000394   , L0000395   , L0000396   ,
. . .   ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                    ** CONC OF PM_10   IN MICROGRAMS/M**3   **

     X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC
(YYMMDDHH)
 -
- - - - - - - -
       560422.00   4191218.00   379.24968 (13121417)   560442.00   4191218.00   378.03743
(13121417)
       560462.00   4191218.00   355.61111 (13121417)   560482.00   4191218.00   332.60982
(13121308)
       560082.00   4191238.00   440.41109 (15011607)   560102.00   4191238.00   486.97557
(15011607)
       560122.00   4191238.00   484.28672 (15011607)   560142.00   4191238.00   434.99088
(15011607)
       560162.00   4191238.00   352.90839 (15011607)   560182.00   4191238.00   380.93367
(15010517)
       560202.00   4191238.00   438.02022 (15010517)   560222.00   4191238.00   456.19357

(15010517)
560342.00 4191238.00 406.28886 (14112517) 560362.00 4191238.00 359.31028
(14112517)
560382.00 4191238.00 313.93058 (15021907) 560402.00 4191238.00 342.93708
(15021907)
560422.00 4191238.00 362.66786 (13121417) 560442.00 4191238.00 370.46262
(13121417)
560462.00 4191238.00 357.80616 (13121417) 560182.00 4191258.00 362.55446
(15010517)
560202.00 4191258.00 421.01352 (15010517) 560322.00 4191258.00 414.77494
(14112517)
560342.00 4191258.00 402.62907 (14112517) 560362.00 4191258.00 363.85377
(14112517)
560382.00 4191258.00 305.44295 (14112517) 560402.00 4191258.00 323.41324
(15021907)
560422.00 4191258.00 343.55752 (13121417) 560442.00 4191258.00 359.32397
(13121417)
560462.00 4191258.00 355.78376 (13121417) 560322.00 4191278.00 401.36384
(14112517)
560342.00 4191278.00 397.00323 (14112517) 560362.00 4191278.00 366.24879
(14112517)
560382.00 4191278.00 314.52769 (14112517) 560402.00 4191278.00 302.65398
(15021907)
560422.00 4191278.00 327.04617 (15021907) 560442.00 4191278.00 345.20289
(13121417)
559982.00 4191298.00 479.29453 (13040307) 560002.00 4191298.00 469.99494
(17112408)
560022.00 4191298.00 488.10720 (17112408) 560042.00 4191298.00 455.70053
(17112408)
560062.00 4191298.00 385.99166 (14012908) 560302.00 4191298.00 393.09528
(15112108)
560322.00 4191298.00 387.57026 (15112108) 560342.00 4191298.00 389.61114
(14112517)
560362.00 4191298.00 366.59261 (14112517) 560382.00 4191298.00 321.72214
(14112517)
560402.00 4191298.00 282.87871 (16112517) 560422.00 4191298.00 310.09235
(15021907)
560442.00 4191298.00 328.28264 (13121417) 559962.00 4191318.00 477.96634
(13040307)
559982.00 4191318.00 455.51207 (13040307) 560002.00 4191318.00 461.84367
(17112408)
560022.00 4191318.00 471.64534 (17112408) 560042.00 4191318.00 434.33451
(17112408)
560062.00 4191318.00 367.88668 (14012908) 560082.00 4191318.00 399.77100
(15011607)
560102.00 4191318.00 433.53172 (15011607) 560122.00 4191318.00 426.43561
(15011607)
560142.00 4191318.00 381.59110 (15011607) 560162.00 4191318.00 310.70641
(15011607)
560302.00 4191318.00 379.79877 (15112108) 560322.00 4191318.00 381.51253
(15112108)
560342.00 4191318.00 380.65989 (14112517) 560362.00 4191318.00 365.00602
(14112517)
560382.00 4191318.00 327.02879 (14112517) 560402.00 4191318.00 282.46494
(16112517)
560422.00 4191318.00 291.78028 (15021907) 559962.00 4191338.00 462.60810
(13040307)
559982.00 4191338.00 431.60616 (13040307) 560002.00 4191338.00 452.79773
(17112408)
560022.00 4191338.00 455.05338 (17112408) 560042.00 4191338.00 413.59185
(17112408)
560062.00 4191338.00 350.56368 (14012908) 560082.00 4191338.00 390.53528
(15011607)
560102.00 4191338.00 421.61078 (15011607) 560122.00 4191338.00 413.66113
(15011607)
560142.00 4191338.00 369.86626 (15011607) 560162.00 4191338.00 301.45403
(15011607)
560182.00 4191338.00 297.07857 (15010517) 560202.00 4191338.00 357.66581
(15010517)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SEAWALL ***

INCLUDING SOURCE(S): L0000369 , L0000370 , L0000371 , L0000372 , L0000373 ,
L0000374 , L0000375 , L0000376 , L0000377 , L0000378 , L0000379 , L0000380 , L0000381 ,
L0000382 , L0000383 , L0000384 , L0000385 , L0000386 , L0000387 , L0000388 , L0000389 ,
L0000390 , L0000391 , L0000392 , L0000393 , L0000394 , L0000395 , L0000396 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
560222.00	4191338.00	392.81230	(15010517)	560242.00	4191338.00	393.59873	(15010517)
560302.00	4191338.00	365.72275	(15112108)	560322.00	4191338.00	374.04656	(15112108)
560342.00	4191338.00	370.35911	(14112517)	560362.00	4191338.00	361.62854	(14112517)
560382.00	4191338.00	330.48055	(14112517)	560402.00	4191338.00	282.27671	(14112517)
560422.00	4191338.00	272.57705	(15021907)	559962.00	4191358.00	445.84491	(13040307)
559982.00	4191358.00	407.67363	(13040307)	560002.00	4191358.00	442.95990	(17112408)
560022.00	4191358.00	438.43085	(17112408)	560042.00	4191358.00	393.50753	(17112408)
560062.00	4191358.00	334.00437	(14012908)	560082.00	4191358.00	381.62553	(15011607)
560102.00	4191358.00	410.19441	(15011607)	560122.00	4191358.00	401.47566	(15011607)
560142.00	4191358.00	358.70529	(15011607)	560162.00	4191358.00	292.64920	(15011607)
560182.00	4191358.00	282.56608	(15010517)	560202.00	4191358.00	343.03120	(15010517)
560222.00	4191358.00	380.36961	(15010517)	560242.00	4191358.00	385.35608	(15010517)
560262.00	4191358.00	356.30553	(15010517)	560282.00	4191358.00	312.43861	(15112108)
560302.00	4191358.00	351.04742	(15112108)	560322.00	4191358.00	365.33367	(15112108)
560342.00	4191358.00	358.91668	(14112517)	560362.00	4191358.00	356.61383	(14112517)
560382.00	4191358.00	332.18476	(14112517)	560402.00	4191358.00	289.62573	(14112517)
559962.00	4191378.00	428.01025	(13040307)	559982.00	4191378.00	401.19841	(17112408)
560002.00	4191378.00	432.45980	(17112408)	560022.00	4191378.00	421.86581	(17112408)
560042.00	4191378.00	374.10804	(17112408)	560062.00	4191378.00	318.18860	(14012908)
560082.00	4191378.00	373.02360	(15011607)	560102.00	4191378.00	399.25236	(15011607)
560122.00	4191378.00	389.84234	(15011607)	560142.00	4191378.00	348.07140	(15011607)

```
       560162.00   4191378.00      284.26166  (15011607)              560182.00   4191378.00      268.73708
(15010517)
       560202.00   4191378.00      328.88005  (15010517)              560222.00   4191378.00      368.07805
(15010517)
       560242.00   4191378.00      376.90365  (15010517)              560262.00   4191378.00      352.80157
(15010517)
       560282.00   4191378.00      301.18184  (15010517)              560302.00   4191378.00      335.98012
(15112108)
       560322.00   4191378.00      355.58437  (15112108)              560342.00   4191378.00      348.43206
(15112108)
       559982.00   4191398.00      397.57874  (17112408)              560002.00   4191398.00      421.41682
(17112408)
       560022.00   4191398.00      405.43561  (17112408)              560042.00   4191398.00      355.41219
(17112408)
       560062.00   4191398.00      311.42982  (15011607)              560082.00   4191398.00      364.71300
(15011607)
       560102.00   4191398.00      388.75690  (15011607)              560122.00   4191398.00      378.72728
(15011607)
       560142.00   4191398.00      337.93087  (15011607)              560162.00   4191398.00      276.26377
(15011607)
       560182.00   4191398.00      256.02969  (14012008)              560202.00   4191398.00      315.20960
(15010517)
       560222.00   4191398.00      355.96217  (15010517)              560242.00   4191398.00      368.28182
(15010517)
       560262.00   4191398.00      348.85306  (15010517)              560282.00   4191398.00      301.97401
(15010517)
       559982.00   4191418.00      393.14074  (17112408)              560002.00   4191418.00      410.08854
(17112408)
       560022.00   4191418.00      389.28057  (17112408)              560042.00   4191418.00      337.43179
(17112408)
       560062.00   4191418.00      306.43457  (15011607)              560082.00   4191418.00      356.67872
(15011607)
       560102.00   4191418.00      378.68254  (15011607)              560122.00   4191418.00      368.09926
(15011607)
       560142.00   4191418.00      328.25268  (15011607)              560162.00   4191418.00      268.63026
(15011607)
       560182.00   4191418.00      246.22814  (14012008)              560202.00   4191418.00      302.01533
(15010517)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

PAGE  1421
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

                           *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  SEAWALL
***
                               INCLUDING SOURCE(S):     L0000369    , L0000370    , L0000371    , L0000372    ,
L0000373    ,
               L0000374    , L0000375    , L0000376    , L0000377    , L0000378    , L0000379    , L0000380    ,
L0000381    ,
               L0000382    , L0000383    , L0000384    , L0000385    , L0000386    , L0000387    , L0000388    ,
L0000389    ,
               L0000390    , L0000391    , L0000392    , L0000393    , L0000394    , L0000395    , L0000396    ,
. . .       ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                     ** CONC OF PM_10    IN MICROGRAMS/M**3                          **

     X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)  Y-COORD (M)        CONC
(YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -
       560222.00   4191418.00      344.04334  (15010517)              560242.00   4191418.00      359.52850
(15010517)
       560262.00   4191418.00      344.49907  (15010517)              560002.00   4191438.00      397.88522
(17112408)
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560022.00 4191438.00 373.32224 (17112408) 560042.00 4191438.00 320.49038 (14012908)
560062.00 4191438.00 301.53077 (15011607) 560082.00 4191438.00 348.90701 (15011607)
560102.00 4191438.00 369.00582 (15011607) 560122.00 4191438.00 357.92949 (15011607)
560142.00 4191438.00 319.00827 (15011607) 560162.00 4191438.00 261.33796 (15011607)
560182.00 4191438.00 236.86479 (14012008) 560202.00 4191438.00 289.29132 (15010517)
560222.00 4191438.00 332.33996 (15010517) 560242.00 4191438.00 350.67910 (15010517)
560262.00 4191438.00 339.79229 (15010517) 560042.00 4191458.00 307.25952 (14012908)
560062.00 4191458.00 296.75608 (15011607) 560082.00 4191458.00 341.38522 (15011607)
560102.00 4191458.00 359.70503 (15011607) 560122.00 4191458.00 348.19134 (15011607)
560142.00 4191458.00 310.17130 (15011607) 560162.00 4191458.00 254.36558 (15011607)
560182.00 4191458.00 229.32975 (16020608) 560202.00 4191458.00 277.03045 (15010517)
560222.00 4191458.00 320.86771 (15010517) 560242.00 4191458.00 341.76645 (15010517)
560262.00 4191458.00 334.79261 (15010517) 560142.00 4191478.00 301.72747 (15011607)
560162.00 4191478.00 247.70563 (15011607) 560182.00 4191478.00 222.94611 (16020608)
560202.00 4191478.00 265.30445 (15010517) 560222.00 4191478.00 309.63974 (15010517)
560242.00 4191478.00 332.82085 (15010517) 560155.00 4190663.00 1703.12645 (14012008)
560175.00 4190663.00 1780.84079 (14112517) 560115.00 4190683.00 2184.77877 (17112408)
560135.00 4190683.00 1870.32945 (15011607) 560155.00 4190683.00 1803.12493 (14012008)
560175.00 4190683.00 1728.27826 (14112517) 560095.00 4190703.00 2269.50673 (13040307)
560115.00 4190703.00 2003.57916 (17112408) 560135.00 4190703.00 1833.33399 (15011607)
560155.00 4190703.00 1599.58456 (14012008) 560175.00 4190703.00 1569.56965 (14112517)
560095.00 4190723.00 2126.19075 (13040307) 560115.00 4190723.00 1863.61216 (17112408)
560135.00 4190723.00 1663.65450 (15011607) 560155.00 4190723.00 1446.07627 (15010517)
560175.00 4190723.00 1431.82283 (14112517) 560195.00 4190723.00 1382.15331 (14112517)
560095.00 4190743.00 1886.57944 (13040307) 560115.00 4190743.00 1662.12081 (17112408)
560135.00 4190743.00 1524.22738 (15011607) 560155.00 4190743.00 1340.05903 (15010517)
560175.00 4190743.00 1310.31069 (14112517) 560195.00 4190743.00 1291.60425 (14112517)
560075.00 4190763.00 1787.64894 (13040307) 560095.00 4190763.00 1725.45645 (17112408)
560115.00 4190763.00 1498.00856 (17112408) 560135.00 4190763.00 1407.20964 (15011607)
560155.00 4190763.00 1246.34783 (15010517) 560175.00 4190763.00 1200.03412 (14112517)
560195.00 4190763.00 1207.39700 (14112517) 560215.00 4190763.00 1132.52070 (14112517)
560075.00 4190783.00 1703.78702 (13040307) 560095.00 4190783.00 1576.16940 (17112408)
560115.00 4190783.00 1377.12426 (15011607) 560135.00 4190783.00 1307.13122 (15011607)
560155.00 4190783.00 1162.05286 (15010517) 560175.00 4190783.00 1121.23905 (15010517)
560195.00 4190783.00 1128.53519 (14112517) 560215.00 4190783.00 1084.20666

(14112517)
        560235.00   4190783.00   940.28255 (14112517)   560075.00   4190803.00   1589.66604
(13040307)
        560095.00   4190803.00   1443.50071 (17112408)   560115.00   4190803.00   1278.61171
(15011607)
        560135.00   4190803.00   1220.21187 (15011607)   560155.00   4190803.00   1085.17829
(15010517)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: SEAWALL
***
                               INCLUDING SOURCE(S):   L0000369   , L0000370   , L0000371   , L0000372   ,
L0000373   ,
                L0000374   , L0000375   , L0000376   , L0000377   , L0000378   , L0000379   , L0000380   ,
L0000381   ,
                L0000382   , L0000383   , L0000384   , L0000385   , L0000386   , L0000387   , L0000388   ,
L0000389   ,
                L0000390   , L0000391   , L0000392   , L0000393   , L0000394   , L0000395   , L0000396   ,
. . .   ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC
(YYMMDDHH)
 -
- - - - - - - -
        560175.00   4190803.00   1064.05850 (15010517)   560195.00   4190803.00   1053.75849
(14112517)
        560215.00   4190803.00   1035.20991 (14112517)   560235.00   4190803.00   927.75444
(14112517)
        560255.00   4190803.00   863.61844 (13121417)   560275.00   4190803.00   812.70541
(13121417)
        560075.00   4190823.00   1435.93455 (13040307)   560095.00   4190823.00   1329.46860
(17112408)
        560115.00   4190823.00   1193.90756 (15011607)   560135.00   4190823.00   1139.25092
(15011607)
        560155.00   4190823.00   1006.90113 (15010517)   560175.00   4190823.00   1009.75036
(15010517)
        560195.00   4190823.00   981.88982 (14112517)   560215.00   4190823.00   985.76738
(14112517)
        560235.00   4190823.00   909.26777 (14112517)   560255.00   4190823.00   819.70092
(13121417)
        560275.00   4190823.00   794.67111 (13121417)   560295.00   4190823.00   716.13072
(13121417)
        560315.00   4190823.00   625.16805 (13121308)   560115.00   4190843.00   1120.23333
(15011607)
        560135.00   4190843.00   1070.35001 (15011607)   560155.00   4190843.00   938.80376
(15010517)
        560175.00   4190843.00   958.50457 (15010517)   560195.00   4190843.00   910.96847
(14112517)
        560215.00   4190843.00   936.10508 (14112517)   560235.00   4190843.00   886.11662
(14112517)
        560255.00   4190843.00   771.71294 (13121417)   560275.00   4190843.00   768.87211
(13121417)
        560295.00   4190843.00   718.35210 (13121417)   560315.00   4190843.00   637.60041
(13121308)
        560335.00   4190843.00   559.68158 (15020708)   560195.00   4190863.00   847.79918
(15010517)
        560215.00   4190863.00   886.24113 (14112517)   560235.00   4190863.00   859.31163
(14112517)
        560255.00   4190863.00   755.79631 (14112517)   560275.00   4190863.00   736.25701

(13121417)
        560295.00   4190863.00   709.84260 (13121417)   560315.00   4190863.00   639.35726
(13121308)
        560335.00   4190863.00   563.55398 (15020707)   560075.00   4190883.00   1140.24396
(17112408)
        560095.00   4190883.00   1060.78086 (17112408)   560115.00   4190883.00   997.88777
(15011607)
        560255.00   4190883.00   751.42309 (14112517)   560275.00   4190883.00   698.34889
(13121417)
        560295.00   4190883.00   692.54996 (13121417)   560315.00   4190883.00   642.23927
(13121417)
        560335.00   4190883.00   573.46458 (13121308)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: UNIPM
***
                                INCLUDING SOURCE(S):   UNIPM   ,

                                 *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                      ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 559917.30   559937.30   559957.30   559977.30
559997.30
 -
- - - - - - - -

 4191625.2 | 88.43285 (13011907)   88.93768 (13011907)   89.44038 (13011907)   89.81537 (13011907)
90.17550 (13011907)
 4191605.2 | 91.19987 (15032407)   90.63105 (15032407)   91.16585 (13011907)   91.67696 (13011907)
92.08359 (13011907)
 4191585.2 | 95.42165 (15032407)   95.28099 (15032407)   95.02823 (15032407)   94.60601 (15032407)
94.08177 (13011907)
 4191565.2 | 98.81243 (15032407)   99.02309 (15032407)   99.14163 (15032407)   99.15706 (15032407)
99.01513 (15032407)
 4191545.2 | 101.65623 (15032407)   102.10306 (15032407)   102.49734 (15032407)   102.84459 (15032407)
103.03656 (15032407)
 4191525.2 | 104.12907 (15032407)   104.76111 (15032407)   105.32436 (15032407)   105.87527 (15032407)
106.33556 (15032407)
 4191505.2 | 106.29653 (15032407)   107.10067 (15032407)   107.86090 (15032407)   108.60532 (15032407)
109.29085 (15032407)
 4191485.2 | 108.16414 (15032407)   109.23321 (15032407)   110.19020 (15032407)   111.07975 (15032407)
111.96036 (15032407)
 4191465.2 | 109.53054 (15032407)   110.98552 (15032407)   112.27417 (15032407)   113.46028 (15032407)
114.54712 (15032407)
 4191445.2 | 110.14423 (15032407)   112.15301 (15032407)   113.93700 (15032407)   115.50665 (15032407)
116.84713 (15032407)
 4191425.2 | 109.55408 (15032407)   112.27243 (15032407)   114.73951 (15032407)   116.86315 (15032407)
118.74352 (15032407)
 4191405.2 | 107.28179 (15032407)   110.87644 (15032407)   114.17559 (15032407)   117.09060 (15032407)
119.71088 (15032407)
 4191385.2 | 116.51441 (13012607)   116.52776 (13012607)   116.34359 (13012607)   116.10730 (13012607)
119.19835 (15032407)
 4191365.2 | 124.88932 (13012607)   125.45980 (13012607)   125.83692 (13012607)   126.22809 (13012607)
126.42738 (13012607)
 4191345.2 | 131.62799 (13012607)   132.64989 (13012607)   133.58382 (13012607)   134.48933 (13012607)
135.22572 (13012607)
 4191325.2 | 136.50952 (13012607)   138.05900 (13012607)   139.52695 (13012607)   140.89642 (13012607)
142.18392 (13012607)
 4191305.2 | 139.48610 (13012607)   141.70328 (13012607)   143.81599 (13012607)   145.82931 (13012607)
147.64005 (13012607)

 4191285.2 | 139.80448 (13012607)   142.84592 (13012607)   145.80942 (13012607)   148.65223 (13012607)
151.26097 (13012607)
 4191265.2 | 136.62381 (13012607)   140.70576 (13012607)   144.57706 (13012607)   148.45715 (13012607)
152.11998 (13012607)
 4191245.2 | 129.60542 (16012008)   134.20909 (13012607)   139.14466 (13012607)   144.04092 (13012607)
148.92408 (13012607)
 4191225.2 | 132.09643 (14010708)   133.44021 (14010708)   134.93038 (14010708)   136.98141 (16012008)
140.49712 (13012607)
 4191205.2 | 154.00654 (14010708)   156.20746 (14010708)   158.45186 (14010708)   160.73722 (14010708)
163.09435 (14010708)
 4191185.2 | 171.38674 (14010708)   174.38218 (14010708)   177.51204 (14010708)   180.66073 (14010708)
183.95175 (14010708)
 4191165.2 | 181.75525 (14010708)   185.57507 (14010708)   189.56641 (14010708)   193.67021 (14010708)
197.86021 (14010708)
 4191145.2 | 190.76175 (14020107)   195.32976 (14020107)   200.09672 (14020107)   205.03005 (14020107)
210.09419 (14020107)
 4191125.2 | 203.04381 (14122907)   208.26896 (14122907)   213.65444 (14122907)   219.32136 (14122907)
225.31845 (14122907)
 4191105.2 | 227.85164 (13030108)   234.42671 (13030108)   241.35109 (13030108)   248.72022 (13030108)
256.48254 (13030108)
 4191085.2 | 242.04630 (13030108)   248.51036 (13030108)   255.37184 (13030108)   262.44694 (13030108)
269.91652 (13030108)
 4191065.2 | 236.14306 (13030108)   241.26753 (13030108)   246.68206 (13030108)   252.41665 (13030108)
258.19876 (13030108)
 4191045.2 | 239.60958 (15032607)   249.38231 (15032607)   259.62931 (15032607)   270.16812 (15032607)
281.18465 (15032607)
 4191025.2 | 257.28726 (15032607)   265.17393 (15032607)   273.03412 (15032607)   281.00236 (15032607)
288.97654 (15032607)
 4191005.2 | 250.20448 (15032607)   254.57999 (15032607)   258.43614 (15032607)   267.41200 (14011808)
276.89748 (14011808)
 4190985.2 | 246.80936 (14012208)   256.16587 (14012208)   265.23544 (14012208)   273.96006 (14012208)
282.26010 (14012208)
 4190965.2 | 247.49742 (14012208)   252.11640 (14012208)   257.71152 (14010608)   269.54640 (14010608)
280.59322 (14010608)
 4190945.2 | 248.27946 (14010608)   255.24258 (14010608)   260.94650 (14010608)   265.25362 (14010608)
267.99194 (14010608)
 4190925.2 | 235.62747 (14010608)   244.93441 (15032407)   265.63912 (15032407)   276.55351 (15032407)
282.54227 (15032407)
 4190905.2 | 268.71942 (13012607)   284.30689 (13012607)   296.85206 (13012607)   313.01171 (15032407)
341.86342 (15032407)
 4190885.2 | 309.51755 (14020107)   326.27945 (14020107)   344.47332 (14020107)   373.73769 (13012607)
406.62270 (13012607)
 4190865.2 | 413.44918 (13030108)   448.17317 (13030108)   489.05545 (13030108)   537.66025 (13030108)
596.60050 (13030108)
 4190845.2 | 489.86192 (15032607)   548.50790 (15032607)   621.50164 (15032607)   715.07721 (15032607)
840.51868 (15032607)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: UNIPM
***
                               INCLUDING SOURCE(S):   UNIPM   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 559917.30   559937.30   559957.30   559977.30
559997.30
 -
- - - - - - - -

 4190825.2 | 529.58569 (14012208)   587.39095 (14012208)   668.89446 (14010608)   763.86228 (14010608)

1038.28302 (13121309)
 4190805.2 | 634.82374 (13121309)   785.62243 (13121309)   970.07527 (13121309)   1159.65538 (13121309)
1282.03894 (13121309)
 4190785.2 | 852.17761 (13121309)   928.32553 (13121309)   941.06560 (13121309)   1274.90027 (15011209)
1515.45679 (15011209)
 4190765.2 | 762.59167 (15011209)   1010.00123 (15011209)   1207.20153 (15011209)   1279.31336 (15011209)
1223.37966 (15011209)
 4190745.2 | 1005.59160 (15011209)   1096.53081 (15011209)   1100.95092 (15011209)   1048.12937 (15011209)
983.60506 (15011209)
 4190725.2 | 989.42884 (15011209)   970.05314 (15011209)   923.09373 (15011209)   871.87704 (15011209)
821.77697 (15011209)
 4190705.2 | 866.12866 (15011209)   824.06163 (15011209)   778.31703 (15011209)   730.05560 (15011209)
677.38606 (15011209)
 4190685.2 | 740.03791 (15011209)   695.90660 (15011209)   648.38948 (15011209)   596.55575 (15011209)
540.56731 (15011209)
 4190665.2 | 622.06834 (15011209)   575.19194 (15011209)   524.65560 (15011209)   471.23342 (15011209)
416.68991 (15011209)
 4190645.2 | 509.30170 (15011209)   460.54655 (15011209)   410.42724 (15011209)   360.50256 (15011209)
346.20101 (13110808)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: UNIPM
***
                               INCLUDING SOURCE(S):   UNIPM   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560017.30   560037.30   560057.30   560077.30
560097.30
 -
- - - - - - - -

 4191625.2 | 90.58924 (13011907)   91.03607 (13011907)   91.45730 (13011907)   92.08489 (13011907)
92.81196 (13011907)
 4191605.2 | 92.51221 (13011907)   92.88182 (13011907)   93.24440 (13011907)   93.72992 (13011907)
94.29231 (13011907)
 4191585.2 | 94.60689 (13011907)   95.01419 (13011907)   95.35251 (13011907)   95.79504 (13011907)
96.12271 (13011907)
 4191565.2 | 98.73843 (15032407)   98.33805 (15032407)   97.65883 (15032407)   98.10544 (13011907)
98.39191 (13011907)
 4191545.2 | 103.21464 (15032407)   103.27281 (15032407)   103.21226 (15032407)   102.93221 (15032407)
102.47298 (15032407)
 4191525.2 | 106.81514 (15032407)   107.22792 (15032407)   107.61134 (15032407)   107.81286 (15032407)
107.92902 (15032407)
 4191505.2 | 109.91527 (15032407)   110.53486 (15032407)   111.15690 (15032407)   111.70339 (15032407)
112.18788 (15032407)
 4191485.2 | 112.76299 (15032407)   113.55019 (15032407)   114.32458 (15032407)   115.00908 (15032407)
115.73582 (15032407)
 4191465.2 | 115.48836 (15032407)   116.40697 (15032407)   117.30262 (15032407)   118.11900 (15032407)
118.98024 (15032407)
 4191445.2 | 118.12177 (15032407)   119.22441 (15032407)   120.23651 (15032407)   121.24753 (15032407)
122.18350 (15032407)
 4191425.2 | 120.41552 (15032407)   121.79111 (15032407)   123.15747 (15032407)   124.36463 (15032407)
125.50021 (15032407)
 4191405.2 | 121.99304 (15032407)   124.02017 (15032407)   125.80729 (15032407)   127.38540 (15032407)
128.85319 (15032407)
 4191385.2 | 122.44632 (15032407)   125.30254 (15032407)   127.76091 (15032407)   130.00390 (15032407)
131.89685 (15032407)
 4191365.2 | 126.72532 (13012607)   126.77062 (13012607)   128.46358 (15032407)   131.56675 (15032407)
134.32244 (15032407)

 4191345.2 | 136.05466 (13012607)   136.67132 (13012607)   137.39448 (13012607)   137.93077 (13012607)
138.48590 (13012607)
 4191325.2 | 143.51828 (13012607)   144.69424 (13012607)   145.93764 (13012607)   147.05183 (13012607)
148.16627 (13012607)
 4191305.2 | 149.47569 (13012607)   151.20903 (13012607)   152.92187 (13012607)   154.50696 (13012607)
156.16295 (13012607)
 4191285.2 | 153.81372 (13012607)   156.21818 (13012607)   158.55598 (13012607)   160.81237 (13012607)
162.89028 (13012607)
 4191265.2 | 155.65957 (13012607)   159.09041 (13012607)   162.29651 (13012607)   165.42233 (13012607)
168.38396 (13012607)
 4191245.2 | 153.68449 (13012607)   158.34266 (13012607)   162.89247 (13012607)   167.23405 (13012607)
171.42626 (13012607)
 4191225.2 | 146.45883 (13012607)   152.43736 (13012607)   158.38555 (13012607)   164.23046 (13012607)
170.00989 (13012607)
 4191205.2 | 165.47685 (14010708)   167.99051 (14010708)   170.43323 (14010708)   173.00589 (14010708)
175.68457 (14010708)
 4191185.2 | 187.24554 (14010708)   190.65584 (14010708)   194.16837 (14010708)   197.70222 (14010708)
201.38273 (14010708)
 4191165.2 | 202.15382 (14010708)   206.63601 (14010708)   211.21446 (14020107)   215.99852 (14020107)
220.94688 (14020107)
 4191145.2 | 215.38349 (14020107)   220.92813 (14020107)   226.74192 (14020107)   232.76537 (14020107)
239.03798 (14020107)
 4191125.2 | 231.59513 (14122907)   238.23680 (14122907)   245.99908 (13030108)   254.22700 (13030108)
262.84156 (13030108)
 4191105.2 | 264.42369 (13030108)   272.84712 (13030108)   281.79987 (13030108)   291.05826 (13030108)
300.84009 (13030108)
 4191085.2 | 277.80734 (13030108)   285.92896 (13030108)   294.53896 (13030108)   303.73038 (13030108)
313.08104 (13030108)
 4191065.2 | 264.26020 (13030108)   270.67086 (13011908)   283.56619 (15032607)   297.77528 (15032607)
312.78773 (15032607)
 4191045.2 | 292.52817 (15032607)   304.19845 (15032607)   316.34248 (15032607)   328.74970 (15032607)
341.42431 (15032607)
 4191025.2 | 296.82080 (15032607)   304.50518 (15032607)   311.98520 (15032607)   319.21119 (15032607)
326.24000 (14011808)
 4191005.2 | 286.13371 (14011808)   298.34719 (14012208)   311.33877 (14012208)   324.02537 (14012208)
336.29377 (14012208)
 4190985.2 | 289.80783 (14012208)   296.60134 (14012208)   304.95715 (14010608)   320.55030 (14010608)
335.09589 (14010608)
 4190965.2 | 290.49738 (14010608)   298.96535 (14010608)   305.50571 (14010608)   310.05832 (14010608)
329.28064 (13011807)
 4190945.2 | 268.78861 (14010608)   267.60234 (14010608)   313.03909 (13040307)   344.92445 (14012908)
377.48527 (13011807)
 4190925.2 | 294.76010 (13112607)   305.49075 (13011808)   335.30542 (13012409)   397.19364 (14012908)
443.47736 (13011807)
 4190905.2 | 355.42640 (15032407)   366.25547 (13112607)   403.30272 (13012409)   470.54928 (14012908)
541.54930 (13011807)
 4190885.2 | 445.33976 (15032407)   484.48673 (15032407)   515.54726 (15032407)   574.44352 (14012908)
699.69296 (13011807)
 4190865.2 | 672.41892 (13030108)   761.34705 (13030108)   889.96793 (13030108)   1083.12174 (13030108)
1397.22079 (15032607)
 4190845.2 | 1025.84243 (15032607)   1294.39145 (15032607)   1823.69934 (14012208)   2394.49348 (13121309)
2713.25052 (15011209)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: UNIPM
***
                               INCLUDING SOURCE(S):   UNIPM   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)

(METERS)	560017.30	560037.30	560057.30	560077.30	560097.30
4190825.2	1460.84358 (13121309)	1921.83687 (13121309)	2949.92477 (15011209)	2789.99750 (15011209)	1999.38915 (15011209)
4190805.2	1770.61391 (15011209)	2047.76302 (15011209)	1743.87548 (15011209)	1476.82435 (15011209)	1348.03880 (15011209)
4190785.2	1507.23591 (15011209)	1346.70144 (15011209)	1222.01406 (15011209)	1142.33690 (15011209)	1073.10103 (15011209)
4190765.2	1128.23214 (15011209)	1055.34317 (15011209)	993.84930 (15011209)	930.74584 (15011209)	861.52011 (15011209)
4190745.2	927.04012 (15011209)	872.91038 (15011209)	812.57968 (15011209)	744.55376 (15011209)	670.28788 (15011209)
4190725.2	768.63255 (15011209)	709.73592 (15011209)	644.51841 (15011209)	574.16414 (15011209)	501.57724 (15011209)
4190705.2	619.50162 (15011209)	557.15613 (15011209)	492.33415 (15011209)	427.33279 (15011209)	398.26621 (13110808)
4190685.2	481.83915 (15011209)	422.48311 (15011209)	383.19005 (13110808)	376.00715 (14100307)	373.99864 (14100307)
4190665.2	365.58859 (13110808)	358.75398 (13110808)	356.92675 (14100307)	358.43718 (14091607)	364.54320 (14091607)
4190645.2	337.96400 (14100307)	338.84531 (14100307)	343.49600 (14091607)	346.36885 (14091607)	335.42581 (14091607)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: UNIPM ***

INCLUDING SOURCE(S): UNIPM ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 560117.30	560137.30	560157.30	560177.30	560197.30
4191625.2	93.68266 (13011907)	94.74610 (13011907)	95.90778 (13011907)	97.16527 (13011907)	98.34325 (13011907)
4191605.2	94.91526 (13011907)	95.81150 (13011907)	96.77181 (13011907)	97.97324 (13011907)	99.33433 (13011907)
4191585.2	96.62369 (13011907)	97.25319 (13011907)	98.00400 (13011907)	99.00128 (13011907)	100.17552 (13011907)
4191565.2	98.78664 (13011907)	99.21621 (13011907)	99.74219 (13011907)	100.42701 (13011907)	101.34906 (13011907)
4191545.2	101.71453 (15032407)	101.65532 (13011907)	102.04791 (13011907)	102.54580 (13011907)	103.19808 (13011907)
4191525.2	107.87988 (15032407)	107.60372 (15032407)	107.08100 (15032407)	106.26862 (15032407)	105.81728 (13011907)
4191505.2	112.64244 (15032407)	112.99529 (15032407)	113.17936 (15032407)	113.19266 (15032407)	112.98279 (15032407)
4191485.2	116.47313 (15032407)	117.16536 (15032407)	117.80765 (15032407)	118.41432 (15032407)	118.85529 (15032407)
4191465.2	119.83008 (15032407)	120.68265 (15032407)	121.55761 (15032407)	122.43528 (15032407)	123.31175 (15032407)
4191445.2	123.15021 (15032407)	124.09698 (15032407)	125.05210 (15032407)	126.06334 (15032407)	127.08089 (15032407)
4191425.2	126.59198 (15032407)	127.62191 (15032407)	128.72937 (15032407)	129.74264 (15032407)	130.83952 (15032407)

 4191405.2 | 130.15457 (15032407)   131.42520 (15032407)   132.56604 (15032407)   133.74705 (15032407)
134.84964 (15032407)
 4191385.2 | 133.68109 (15032407)   135.23924 (15032407)   136.68604 (15032407)   138.02268 (15032407)
139.30382 (15032407)
 4191365.2 | 136.72081 (15032407)   138.84754 (15032407)   140.73370 (15032407)   142.48165 (15032407)
144.05764 (15032407)
 4191345.2 | 138.94651 (13012607)   141.70810 (15032407)   144.30168 (15032407)   146.68477 (15032407)
148.75880 (15032407)
 4191325.2 | 149.19195 (13012607)   150.27286 (13012607)   151.24801 (13012607)   152.27179 (13012607)
153.27149 (13012607)
 4191305.2 | 157.69001 (13012607)   159.22774 (13012607)   160.78582 (13012607)   162.25646 (13012607)
163.83177 (13012607)
 4191285.2 | 165.03002 (13012607)   166.97973 (13012607)   169.00824 (13012607)   171.09079 (13012607)
173.02443 (13012607)
 4191265.2 | 171.16666 (13012607)   173.97050 (13012607)   176.59184 (13012607)   179.15256 (13012607)
181.63041 (13012607)
 4191245.2 | 175.44910 (13012607)   179.30947 (13012607)   182.95119 (13012607)   186.39855 (13012607)
189.73994 (13012607)
 4191225.2 | 175.68998 (13012607)   181.16912 (13012607)   186.37884 (13012607)   191.43846 (13012607)
196.38739 (13012607)
 4191205.2 | 178.39976 (14010708)   181.31051 (14010708)   184.18010 (14010708)   191.33166 (13012607)
198.33616 (13012607)
 4191185.2 | 205.16150 (14010708)   209.09871 (14010708)   213.09621 (14010708)   217.36525 (14010708)
221.68493 (14010708)
 4191165.2 | 226.07496 (14020107)   231.44579 (14020107)   236.96763 (14020107)   242.80444 (14020107)
248.77653 (14020107)
 4191145.2 | 245.60851 (14020107)   252.42937 (14020107)   259.66552 (14020107)   267.18511 (14020107)
275.11136 (14020107)
 4191125.2 | 271.94896 (13030108)   281.60119 (13030108)   291.84791 (13030108)   302.58821 (13030108)
314.03806 (13030108)
 4191105.2 | 311.40391 (13030108)   322.43214 (13030108)   334.26409 (13030108)   346.83609 (13030108)
360.23626 (13030108)
 4191085.2 | 323.24214 (13030108)   333.96835 (13030108)   345.38811 (13030108)   357.63681 (13030108)
370.64418 (13030108)
 4191065.2 | 328.66716 (15032607)   345.53839 (15032607)   363.41215 (15032607)   382.28335 (15032607)
402.42410 (15032607)
 4191045.2 | 354.47023 (15032607)   367.90647 (15032607)   381.42926 (15032607)   395.28273 (15032607)
409.09457 (15032607)
 4191025.2 | 340.41807 (14011808)   354.66590 (14011808)   373.39900 (14012208)   392.87805 (14012208)
412.25321 (14012208)
 4191005.2 | 347.80543 (14012208)   358.24538 (14012208)   370.78383 (14010608)   392.42119 (14010608)
412.46162 (14010608)
 4190985.2 | 347.90191 (14010608)   358.45852 (14010608)   366.43728 (14010608)   371.14113 (14010608)
372.21916 (14010608)
 4190965.2 | 338.21932 (14012008)   373.71352 (14112517)   375.58292 (13121308)   402.18245 (15010507)
407.97891 (15010507)
 4190945.2 | 405.69067 (14112517)   423.76323 (14112517)   448.76214 (15010507)   480.66368 (15010507)
588.17092 (15012009)
 4190925.2 | 473.65656 (14112517)   499.68265 (13121308)   568.14071 (15010507)   678.23208 (15012009)
680.30678 (15012009)
 4190905.2 | 562.36224 (14112517)   696.82899 (15010507)   828.97098 (15012009)   847.54931 (14012907)
934.62987 (14012907)
 4190885.2 | 889.11243 (15010507)   1067.29929 (15012009)   1243.47465 (14012907)   1359.71539 (13011717)
2019.58064 (14121317)
 4190865.2 | 1816.71811 (14122307)   2154.15174 (13121309)   2942.29031 (15011209)   2943.30899 (15011209)
2866.36765 (15011209)
 4190845.2 | 2996.45461 (15011209)   2506.23787 (15011209)   2079.95877 (15011209)   1809.72948 (15011209)
1617.35071 (15011209)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: UNIPM
***
                                INCLUDING SOURCE(S):   UNIPM   ,

Y-COORD (METERS)	X-COORD (METERS)				
	560117.30	560137.30	560157.30	560177.30	560197.30
4190825.2	1690.49409 (15011209)	1531.87928 (15011209)	1408.98504 (15011209)	1298.29407 (15011209)	1186.47282 (15011209)
4190805.2	1256.66544 (15011209)	1173.26171 (15011209)	1085.08578 (15011209)	987.56012 (15011209)	879.11215 (15011209)
4190785.2	1000.06429 (15011209)	919.77377 (15011209)	829.04849 (15011209)	729.75965 (15011209)	626.15177 (15011209)
4190765.2	783.81936 (15011209)	699.11108 (15011209)	609.21555 (15011209)	518.70027 (15011209)	485.86579 (14100307)
4190745.2	591.01535 (15011209)	510.87235 (15011209)	450.79785 (14100307)	450.88015 (14091607)	464.14502 (14091607)
4190725.2	430.76890 (15011209)	423.58391 (14100307)	427.83666 (14091607)	433.62225 (14091607)	415.89224 (14091607)
4190705.2	397.87612 (14100307)	405.49228 (14091607)	405.68876 (14091607)	385.11748 (14091607)	366.92710 (17021408)
4190685.2	384.27173 (14091607)	379.93848 (14091607)	358.05909 (14091607)	343.55569 (17021408)	320.71774 (13021308)
4190665.2	356.47212 (14091607)	336.75809 (17021408)	322.84607 (17021408)	303.07707 (13021308)	284.13371 (13021308)
4190645.2	318.70393 (17021408)	304.43517 (17021408)	287.35345 (13021308)	270.14310 (13021308)	259.73932 (15011408)

Y-COORD (METERS)	X-COORD (METERS)				
	560217.30	560237.30	560257.30	560277.30	560297.30
4191625.2	99.43372 (13011907)	100.18601 (13011907)	100.45033 (13011907)	99.93419 (13011907)	98.44716 (13011907)
4191605.2	100.74655 (13011907)	102.13471 (13011907)	103.39162 (13011907)	104.19430 (13011907)	104.48753 (13011907)
4191585.2	101.52759 (13011907)	103.08022 (13011907)	104.70194 (13011907)	106.29640 (13011907)	107.72585 (13011907)
4191565.2	102.48633 (13011907)	103.83325 (13011907)	105.43886 (13011907)	107.20900 (13011907)	109.05880 (13011907)
4191545.2	104.07702 (13011907)	105.09802 (13011907)	106.34729 (13011907)	107.88025 (13011907)	109.71751 (13011907)
4191525.2	106.37611 (13011907)	107.06489 (13011907)	107.96555 (13011907)	109.09614 (13011907)	110.57859 (13011907)
4191505.2	112.45665 (15032407)	111.55339 (15032407)	110.49968 (13011907)	112.03709 (13032907)	112.26933 (13011907)
4191485.2	119.11698 (15032407)	119.27724 (15032407)	119.03091 (15032407)	118.48934 (15032407)	117.44163 (15032407)

 4191465.2 | 124.16299 (15032407)   124.92157 (15032407)   125.56632 (15032407)   126.04739 (15032407)
126.22446 (15032407)
 4191445.2 | 128.12324 (15032407)   129.27232 (15032407)   130.41864 (15032407)   131.49724 (15032407)
132.46935 (15032407)
 4191425.2 | 131.90153 (15032407)   133.11929 (15032407)   134.37473 (15032407)   135.77198 (15032407)
137.17030 (15032407)
 4191405.2 | 135.97433 (15032407)   137.17615 (15032407)   138.42796 (15032407)   139.82515 (15032407)
141.30234 (15032407)
 4191385.2 | 140.54889 (15032407)   141.77698 (15032407)   143.01401 (15032407)   144.29287 (15032407)
145.81100 (15032407)
 4191365.2 | 145.57426 (15032407)   147.02790 (15032407)   148.39173 (15032407)   149.71440 (15032407)
151.05161 (15032407)
 4191345.2 | 150.79407 (15032407)   152.53693 (15032407)   154.27541 (15032407)   155.83548 (15032407)
157.37960 (15032407)
 4191325.2 | 155.66916 (15032407)   158.10035 (15032407)   160.38781 (15032407)   162.48212 (15032407)
164.47112 (15032407)
 4191305.2 | 165.43436 (13012607)   166.99065 (13012607)   168.60332 (13012607)   170.23924 (13012607)
171.81414 (13012607)
 4191285.2 | 175.04319 (13012607)   177.07484 (13012607)   179.19173 (13012607)   181.29773 (13012607)
183.57682 (13012607)
 4191265.2 | 184.10945 (13012607)   186.61555 (13012607)   189.14641 (13012607)   191.68877 (13012607)
194.26506 (13012607)
 4191245.2 | 193.10502 (13012607)   196.32834 (13012607)   199.36299 (13012607)   202.53844 (13012607)
205.64846 (13012607)
 4191225.2 | 200.92895 (13012607)   205.38304 (13012607)   209.71754 (13012607)   213.86548 (13012607)
217.95941 (13012607)
 4191205.2 | 205.17811 (13012607)   211.74257 (13012607)   218.03675 (13012607)   224.06138 (13012607)
229.88348 (13012607)
 4191185.2 | 226.20368 (14010708)   230.86588 (14010708)   235.71201 (14010708)   240.89527 (14010708)
246.26486 (14010708)
 4191165.2 | 255.04862 (14020107)   261.59658 (14020107)   268.33444 (14020107)   275.50040 (14020107)
282.87178 (14020107)
 4191145.2 | 283.43970 (14020107)   292.07583 (14020107)   301.23859 (14020107)   310.79997 (14020107)
320.77675 (14020107)
 4191125.2 | 326.23299 (13030108)   339.07951 (13030108)   352.83298 (13030108)   367.46594 (13030108)
383.15358 (13030108)
 4191105.2 | 374.72344 (13030108)   390.09099 (13030108)   406.79591 (13030108)   424.75594 (13030108)
444.44414 (13030108)
 4191085.2 | 384.68746 (13030108)   399.80000 (13030108)   416.23959 (13030108)   435.53947 (15032607)
465.40347 (15032607)
 4191065.2 | 423.71318 (15032607)   446.42324 (15032607)   470.41857 (15032607)   496.12292 (15032607)
523.41751 (15032607)
 4191045.2 | 422.87952 (15032607)   436.88850 (14011808)   461.25450 (14011808)   492.71901 (14012208)
525.97844 (14012208)
 4191025.2 | 431.03982 (14012208)   448.84458 (14012208)   468.32859 (14010608)   500.96399 (14010608)
531.26127 (14010608)
 4191005.2 | 430.03246 (14010608)   444.14930 (14010608)   453.90176 (14010608)   457.93479 (14010608)
455.91193 (14010608)
 4190985.2 | 368.69141 (14010608)   444.36958 (15012009)   444.85893 (15012009)   490.06808 (17122807)
543.69533 (17122807)
 4190965.2 | 507.73275 (15012009)   505.83887 (15012009)   521.99705 (13121309)   589.84870 (13121309)
648.33455 (13121309)
 4190945.2 | 584.00047 (15012009)   586.73921 (14012907)   608.31292 (14012907)   647.85069 (13011717)
700.97148 (13011717)
 4190925.2 | 727.88340 (14012907)   756.83376 (13011717)   853.35760 (13011717)   888.53497 (13011717)
974.03642 (13121117)
 4190905.2 | 1097.99630 (13011717)   1233.82357 (13011717)   1869.67260 (14121317)   2598.56580 (14121317)
2642.78409 (15011209)
 4190885.2 | 2299.02790 (14121317)   3327.02271 (15011209)   3574.20667 (15011209)   2531.76443 (15011209)
2056.50875 (15011209)
 4190865.2 | 2297.71325 (15011209)   1936.44516 (15011209)   1689.58601 (15011209)   1486.25172 (15011209)
1290.85053 (15011209)
 4190845.2 | 1460.95243 (15011209)   1314.79812 (15011209)   1164.99154 (15011209)   1003.41114 (15011209)
832.27099 (15011209)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: UNIPM
***
                                INCLUDING SOURCE(S):   UNIPM   ,

                                 *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                      ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560217.30   560237.30   560257.30   560277.30
560297.30
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- - - - - - - -

 4190825.2 | 1067.09084 (15011209)   936.24477 (15011209)   796.38508 (15011209)   654.93600 (15011209)
647.85837 (14091607)
 4190805.2 | 761.94071 (15011209)   641.82877 (15011209)   573.03491 (14091607)   588.51083 (14091607)
555.45169 (14091607)
 4190785.2 | 524.98545 (14100307)   533.49924 (14091607)   536.50913 (14091607)   500.39018 (17021408)
462.68201 (17021408)
 4190765.2 | 497.34476 (14091607)   490.99824 (14091607)   459.41782 (17021408)   421.57667 (17021408)
389.66110 (13021308)
 4190745.2 | 450.93503 (14091607)   424.02678 (17021408)   390.08818 (13021308)   361.84588 (13021308)
360.15282 (15012907)
 4190725.2 | 393.59488 (17021408)   363.65585 (13021308)   338.13287 (13021308)   333.26733 (15012907)
338.04794 (15012907)
 4190705.2 | 340.86200 (13021308)   317.73469 (13021308)   309.79565 (15012907)   318.26950 (15012907)
299.45669 (16110807)
 4190685.2 | 299.79210 (13021308)   289.38387 (15012907)   300.14306 (15012907)   283.61258 (16110807)
259.50070 (15031007)
 4190665.2 | 273.51552 (15011408)   283.73140 (15012907)   272.02194 (15012907)   250.28670 (16110807)
248.46057 (14112407)
 4190645.2 | 268.71752 (15012907)   261.36490 (15012907)   243.32366 (16110807)   226.76807 (14112407)
240.51453 (14112407)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: UNIPM
***
                                INCLUDING SOURCE(S):   UNIPM   ,

                                 *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                      ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560317.30   560337.30   560357.30   560377.30
560397.30
 -
- - - - - - - -

 4191625.2 | 95.72150 (13011907)   100.09578 (13012409)   104.16584 (13012409)   101.03936 (13012409)
103.00682 (17030907)
 4191605.2 | 103.86642 (13011907)   102.08871 (13011907)   106.91576 (13012409)   106.31631 (13012409)
103.58490 (17030907)
 4191585.2 | 108.67105 (13011907)   108.93138 (13011907)   108.13667 (13011907)   111.23607 (13012409)
106.25043 (13012409)
 4191565.2 | 110.93424 (13011907)   112.56991 (13011907)   113.61903 (13011907)   115.09975 (13012409)
112.88236 (13011907)
 4191545.2 | 111.78102 (13011907)   113.95419 (13011907)   116.13414 (13011907)   117.95505 (13011907)
119.13213 (13011907)

 4191525.2 | 112.39733 (13011907)   114.50522 (13011907)   116.89281 (13011907)   119.46096 (13011907)
124.45736 (13012409)
 4191505.2 | 113.60288 (13011907)   115.32108 (13011907)   117.36467 (13011907)   119.85296 (13011907)
128.04689 (13012409)
 4191485.2 | 116.55270 (15010608)   117.25184 (13011808)   118.55757 (13011907)   120.50646 (13011907)
128.86882 (13012409)
 4191465.2 | 126.01647 (15032407)   125.41484 (15032407)   124.19257 (15032407)   123.92893 (15010608)
127.42985 (16121207)
 4191445.2 | 133.33047 (15032407)   134.00397 (15032407)   134.36382 (15032407)   134.19366 (15032407)
133.51878 (15032407)
 4191425.2 | 138.56878 (15032407)   140.00652 (15032407)   141.37110 (15032407)   142.53798 (15032407)
143.46907 (15032407)
 4191405.2 | 142.87770 (15032407)   144.54048 (15032407)   146.34037 (15032407)   148.26846 (15032407)
150.13306 (15032407)
 4191385.2 | 147.27608 (15032407)   148.93815 (15032407)   150.79951 (15032407)   152.82192 (15032407)
155.05906 (15032407)
 4191365.2 | 152.48459 (15032407)   153.96762 (15032407)   155.67204 (15032407)   157.61262 (15032407)
159.75247 (15032407)
 4191345.2 | 158.84699 (15032407)   160.33434 (15032407)   161.93873 (15032407)   163.54461 (15032407)
165.90915 (13032907)
 4191325.2 | 166.23865 (15032407)   167.91477 (15032407)   169.59589 (15032407)   171.27572 (15032407)
175.83621 (13032907)
 4191305.2 | 174.13722 (15032407)   176.45191 (15032407)   178.51765 (15032407)   180.47190 (15032407)
182.43954 (15032407)
 4191285.2 | 185.94065 (13012607)   188.32147 (13012607)   190.80869 (13012607)   193.37034 (13012607)
196.03560 (13012607)
 4191265.2 | 197.01006 (13012607)   199.88992 (13012607)   202.76734 (13012607)   205.95529 (13012607)
209.34323 (13012607)
 4191245.2 | 208.76630 (13012607)   211.98644 (13012607)   215.32599 (13012607)   218.83940 (13012607)
222.50712 (13012607)
 4191225.2 | 222.05762 (13012607)   226.09584 (13012607)   230.16341 (13012607)   234.25989 (13012607)
238.34993 (13012607)
 4191205.2 | 235.59605 (13012607)   241.26960 (13012607)   246.89088 (13012607)   252.47602 (13012607)
258.03206 (13012607)
 4191185.2 | 251.94559 (14010708)   257.87776 (14010708)   264.19926 (14010708)   271.32501 (13012607)
279.43235 (13012607)
 4191165.2 | 290.70330 (14020107)   299.01425 (14020107)   307.65308 (14020107)   316.93018 (14020107)
326.79949 (14020107)
 4191145.2 | 331.43164 (14020107)   342.81269 (14122907)   355.50926 (14122907)   369.10492 (14122907)
383.70874 (14122907)
 4191125.2 | 400.04255 (13030108)   418.12897 (13030108)   437.64210 (13030108)   458.80927 (13030108)
481.76821 (13030108)
 4191105.2 | 465.84525 (13030108)   489.58170 (13030108)   515.72935 (13030108)   544.96194 (13030108)
577.91931 (13030108)
 4191085.2 | 498.22362 (15032607)   534.57004 (15032607)   575.31848 (15032607)   621.09710 (15032607)
673.28702 (15032607)
 4191065.2 | 552.57623 (15032607)   583.74305 (15032607)   616.81344 (15032607)   651.97288 (15032607)
712.48028 (14012208)
 4191045.2 | 559.84894 (14012208)   593.57066 (14012208)   627.92070 (14010608)   684.37907 (14010608)
737.41098 (14010608)
 4191025.2 | 557.48351 (14010608)   577.75384 (14010608)   589.35209 (14010608)   594.92418 (14021508)
709.67321 (17122807)
 4191005.2 | 501.47428 (17122807)   580.28735 (17122807)   655.63343 (17122807)   780.99103 (13121309)
896.48309 (13121309)
 4190985.2 | 627.72267 (13121309)   714.63676 (13121309)   786.20424 (13121309)   832.65168 (13121309)
847.93066 (13121309)
 4190965.2 | 691.43061 (13121309)   714.15306 (13121309)   717.82943 (15011209)   929.93984 (15011209)
1134.04271 (15011209)
 4190945.2 | 719.64689 (13011717)   801.03837 (15011209)   970.51459 (15011209)   1148.60369 (14121317)
1480.45615 (14121317)
 4190925.2 | 1394.37845 (14121317)   1928.95121 (14121317)   2183.44221 (14121317)   2394.18937 (15011209)
2792.32158 (15011209)
 4190905.2 | 3257.66984 (15011209)   2781.72766 (15011209)   2167.48777 (15011209)   1739.12175 (15011209)
1330.16711 (15011209)
 4190885.2 | 1737.46571 (15011209)   1465.90174 (15011209)   1188.77959 (15011209)   952.16630 (14091607)
889.67619 (17021408)
 4190865.2 | 1084.86193 (15011209)   868.49209 (15011209)   817.14891 (14091607)   753.83130 (17021408)
661.20269 (13021308)
 4190845.2 | 716.51946 (14091607)   711.16923 (14091607)   652.35355 (17021408)   576.54543 (13021308)

590.73704 (15012907)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: UNIPM
***

INCLUDING SOURCE(S): UNIPM ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	560317.30	560337.30	560357.30	560377.30	560397.30
4190825.2	625.49764 (14091607)	574.31918 (17021408)	512.94698 (13021308)	525.65086 (15012907)	486.52854 (16110807)
4190805.2	512.55197 (17021408)	462.56650 (13021308)	471.92600 (15012907)	447.75191 (16110807)	425.18289 (14112407)
4190785.2	422.79177 (13021308)	428.09544 (15012907)	410.95164 (16110807)	369.93912 (14112407)	377.90711 (14112407)
4190765.2	391.39806 (15012907)	383.31190 (15012907)	344.47068 (15031007)	358.12212 (14112407)	358.40447 (15011208)
4190745.2	359.66736 (15012907)	329.15506 (16110807)	329.42073 (14112407)	328.70633 (15011208)	315.18533 (15011208)
4190725.2	314.87384 (16110807)	297.17732 (14112407)	300.18168 (14112407)	306.96868 (15011208)	276.63803 (15011207)
4190705.2	269.34496 (14022007)	287.41377 (14112407)	289.19503 (15011208)	271.05838 (15011207)	243.40405 (13101607)
4190685.2	269.32318 (14112407)	265.69085 (15011208)	267.51004 (15011208)	242.17216 (15011207)	232.47814 (13101607)
4190665.2	249.42636 (14112407)	256.88627 (15011208)	239.62124 (15011207)	215.94830 (13101607)	213.71614 (13101607)
4190645.2	241.14779 (15011208)	236.66676 (15011208)	215.33165 (15011207)	208.79638 (13101607)	205.60262 (14021507)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: UNIPM
***

INCLUDING SOURCE(S): UNIPM ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	560417.30	560437.30	560457.30	560477.30	560497.30
4191625.2	105.09876 (13112607)	132.43717 (13040307)	153.14629 (13040307)	152.33842 (13040307)	154.50923 (17112408)
4191605.2	106.06607 (17030907)	129.06675 (13040307)	155.11353 (13040307)	159.54394 (13040307)	157.74892 (17112408)

 4191585.2 | 106.24066 (17030907)   124.72879 (13040307)   155.75364 (13040307)   166.48093 (13040307)
160.46194 (17112408)
 4191565.2 | 110.28089 (13011907)   119.58147 (13040307)   154.80608 (13040307)   172.69215 (13040307)
162.42375 (17112408)
 4191545.2 | 119.29943 (13011907)   117.99566 (13011907)   151.75796 (13040307)   177.25625 (13040307)
172.13809 (13040307)
 4191525.2 | 123.97861 (13011907)   125.30989 (13011907)   147.48876 (13040307)   180.69125 (13040307)
182.56238 (13040307)
 4191505.2 | 127.84219 (13012409)   128.44372 (13011907)   141.81407 (13040307)   182.18424 (13040307)
192.82548 (13040307)
 4191485.2 | 135.30168 (13012409)   129.09758 (13011907)   135.04167 (13040307)   181.43443 (13040307)
202.66785 (13040307)
 4191465.2 | 140.81881 (13012409)   137.78625 (13012409)   132.67718 (13011907)   178.26159 (13040307)
211.14718 (13040307)
 4191445.2 | 143.07354 (13012409)   147.91799 (13012409)   135.73683 (13012409)   172.67377 (13040307)
216.94247 (13040307)
 4191425.2 | 143.98105 (15032407)   156.12011 (13012409)   149.03526 (13012409)   164.98487 (13040307)
220.17941 (13040307)
 4191405.2 | 151.99562 (15032407)   160.52793 (13012409)   162.71826 (13012409)   155.76583 (13040307)
220.18642 (13040307)
 4191385.2 | 157.44350 (15032407)   159.85862 (15032407)   174.73850 (13012409)   164.76497 (15032407)
216.37295 (13040307)
 4191365.2 | 162.06817 (15032407)   164.76577 (15032407)   182.66949 (13012409)   180.52932 (13012409)
209.14424 (13040307)
 4191345.2 | 167.50745 (13011808)   170.05732 (15032407)   183.83696 (13012409)   198.30871 (13012409)
198.64650 (13040307)
 4191325.2 | 176.05029 (13011808)   177.92143 (13011808)   184.06868 (16121207)   210.99951 (13012409)
201.75438 (13012409)
 4191305.2 | 191.13041 (13032907)   192.53858 (13011808)   188.51587 (15032407)   215.20865 (13012409)
227.16956 (13012409)
 4191285.2 | 198.81139 (13012607)   207.91780 (13032907)   209.14600 (13011808)   214.04458 (16121207)
248.57134 (13012409)
 4191265.2 | 212.80632 (13012607)   217.05647 (13032907)   225.47946 (13032907)   225.08320 (13011808)
259.35473 (13012409)
 4191245.2 | 226.31890 (13012607)   230.43698 (13012607)   244.97019 (13032907)   252.00525 (13011808)
256.40662 (16121207)
 4191225.2 | 242.62040 (13012607)   247.16652 (13012607)   251.98688 (13012607)   278.20672 (13032907)
282.26787 (13011808)
 4191205.2 | 263.58049 (13012607)   269.26526 (13012607)   275.08564 (13012607)   281.24549 (13012607)
316.91882 (13032907)
 4191185.2 | 287.77284 (13012607)   296.32276 (13012607)   304.78136 (13012607)   313.31919 (13012607)
336.62143 (13032907)
 4191165.2 | 337.23319 (14020107)   348.56990 (14020107)   360.55335 (14020107)   373.74567 (14020107)
387.99467 (14020107)
 4191145.2 | 399.31036 (14122907)   416.76781 (13030108)   438.34244 (13030108)   461.74356 (13030108)
487.80422 (13030108)
 4191125.2 | 506.85238 (13030108)   534.44599 (13030108)   565.06056 (13030108)   599.01615 (13030108)
637.61190 (13030108)
 4191105.2 | 615.34327 (13030108)   658.46433 (13030108)   708.89664 (13030108)   768.80376 (13030108)
841.45340 (13030108)
 4191085.2 | 733.51726 (15032607)   804.38145 (15032607)   889.43360 (15032607)   995.00825 (15032607)
1131.30551 (15032607)
 4191065.2 | 784.58267 (14012208)   863.62525 (14012208)   948.60148 (14012208)   1075.43036 (14010608)
1206.10283 (14010608)
 4191045.2 | 782.96093 (14010608)   815.51288 (14010608)   916.72071 (17122807)   1164.76195 (13121309)
1463.31151 (13121309)
 4191025.2 | 839.08722 (13121309)   1023.15266 (13121309)   1184.98545 (13121309)   1299.20206 (13121309)
1798.59157 (15011209)
 4191005.2 | 984.50748 (13121309)   1032.71778 (13121309)   1371.58918 (15011209)   1708.84753 (15011209)
1971.64550 (15011209)
 4190985.2 | 1105.81885 (15011209)   1361.56307 (15011209)   1566.45126 (15011209)   1731.44651 (15011209)
1994.23769 (15011209)
 4190965.2 | 1306.21901 (15011209)   1437.75087 (15011209)   1565.46368 (15011209)   1810.44570 (15011209)
2110.86353 (15011209)
 4190945.2 | 1942.72083 (14121317)   2162.98812 (14121317)   2684.83656 (15011209)   1955.56972 (17021408)
1526.02609 (15011208)
 4190925.2 | 2292.87658 (15011209)   1561.69838 (15011209)   1289.05479 (13021308)   1157.24977 (16110807)
910.61090 (15011208)
 4190905.2 | 1114.50463 (14091607)   963.15415 (13021308)   938.81307 (16110807)   845.71516 (15011208)

612.08875 (13101607)
 4190885.2 | 780.41367 (13021308)   780.19927 (15012907)   719.15118 (14112407)   624.86206 (15011208)
523.67569 (14112008)
 4190865.2 | 673.28289 (15012907)   605.16058 (14112407)   599.80756 (15011208)   478.05213 (13101607)
491.80984 (14112008)
 4190845.2 | 521.59824 (16110807)   526.04282 (15011208)   475.27613 (15011207)   416.51702 (14021507)
452.85808 (14040707)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: UNIPM
***
                                INCLUDING SOURCE(S):   UNIPM   ,

                                 *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                      ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560417.30   560437.30   560457.30   560477.30
560497.30
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- - - - - - - -

 4190825.2 | 477.72068 (14112407)   464.02663 (15011208)   388.65342 (13101607)   396.36458 (14112008)
431.84256 (14040707)
 4190805.2 | 427.63934 (15011208)   384.35065 (15011207)   346.21163 (13101607)   379.16211 (14112008)
405.51873 (14040707)
 4190785.2 | 375.91060 (15011208)   324.84281 (13101607)   321.96871 (14112008)   354.36031 (14040707)
374.36185 (14040707)
 4190765.2 | 322.12704 (15011207)   298.72175 (13101607)   319.40816 (14112008)   344.76648 (14040707)
340.89763 (14040707)
 4190745.2 | 278.60746 (13101607)   274.88448 (14021507)   308.21363 (14112008)   329.88737 (14040707)
307.63395 (14040707)
 4190725.2 | 261.83159 (13101607)   269.21279 (14112008)   290.45989 (14112008)   311.00852 (14040707)
276.42973 (14040707)
 4190705.2 | 239.16712 (14021507)   267.41088 (14112008)   285.44176 (14040707)   289.61476 (14040707)
248.33341 (14040707)
 4190685.2 | 229.87946 (14021507)   259.23719 (14112008)   277.00732 (14040707)   267.34566 (14040707)
223.93577 (14040707)
 4190665.2 | 231.59129 (14112008)   246.07573 (14112008)   265.21724 (14040707)   245.48098 (14040707)
205.05207 (13040207)
 4190645.2 | 229.86458 (14112008)   242.46572 (14040707)   251.08856 (14040707)   224.95752 (14040707)
189.93026 (13040207)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: UNIPM
***
                                INCLUDING SOURCE(S):   UNIPM   ,

                                 *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                      ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560517.30   560537.30   560557.30   560577.30
560597.30
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 4191625.2 | 154.80665 (14012908)   144.70719 (14012908)   148.96834 (15011607)   155.55849 (15011607)
160.34785 (13011807)
 4191605.2 | 160.18307 (14012908)   151.47705 (14012908)   153.43644 (15011607)   161.34156 (15011607)
166.21351 (13011807)
 4191585.2 | 166.45212 (17112408)   158.38791 (14012908)   157.39240 (15011607)   166.76164 (15011607)
172.14152 (13011807)
 4191565.2 | 173.48235 (17112408)   165.47963 (14012908)   161.25778 (15011607)   172.26106 (15011607)
178.43102 (13011807)
 4191545.2 | 180.16340 (17112408)   173.51443 (14012908)   166.20594 (15011607)   179.22230 (15011607)
185.61533 (13011807)
 4191525.2 | 187.13807 (17112408)   182.68423 (14012908)   171.98076 (15011607)   187.41730 (15011607)
193.76566 (13011807)
 4191505.2 | 193.57137 (17112408)   191.85262 (14012908)   177.33371 (15011607)   195.47271 (15011607)
202.29047 (13011807)
 4191485.2 | 199.78896 (17112408)   201.88248 (14012908)   183.18426 (15011607)   204.26312 (15011607)
211.53547 (13011807)
 4191465.2 | 205.05867 (17112408)   212.19134 (14012908)   190.85891 (14012908)   213.83377 (15011607)
221.71684 (13011807)
 4191445.2 | 213.81298 (13040307)   221.97558 (14012908)   203.37051 (14012908)   224.32506 (15011607)
232.95574 (13011807)
 4191425.2 | 229.25242 (13040307)   234.85660 (17112408)   217.78390 (14012908)   236.50502 (15011607)
245.61827 (13011807)
 4191405.2 | 245.00264 (13040307)   248.65864 (17112408)   234.11104 (14012908)   249.97465 (15011607)
259.79324 (13011807)
 4191385.2 | 258.95986 (13040307)   260.52110 (17112408)   251.38864 (14012908)   264.30144 (15011607)
275.31497 (13011807)
 4191365.2 | 270.54770 (13040307)   271.89880 (17112408)   270.21258 (14012908)   279.79233 (15011607)
292.57407 (13011807)
 4191345.2 | 278.17047 (13040307)   282.33133 (17112408)   290.52189 (14012908)   295.99394 (15011607)
311.53626 (13011807)
 4191325.2 | 280.41298 (13040307)   308.35292 (13040307)   313.24525 (14012908)   315.92605 (15011607)
333.93533 (13011807)
 4191305.2 | 276.22559 (13040307)   334.65019 (13040307)   337.75851 (14012908)   338.61670 (15011607)
359.73234 (13011807)
 4191285.2 | 265.18653 (13040307)   358.58241 (13040307)   363.98176 (14012908)   364.79173 (15011607)
389.67805 (13011807)
 4191265.2 | 265.73466 (13012409)   377.45652 (13040307)   394.65629 (17112408)   395.30401 (15011607)
424.84187 (13011807)
 4191245.2 | 301.50360 (13012409)   387.49146 (13040307)   427.70669 (17112408)   431.40392 (15011607)
473.26661 (14012008)
 4191225.2 | 325.33061 (13012409)   384.64891 (13040307)   468.38709 (13040307)   474.95497 (15011607)
538.45176 (14012008)
 4191205.2 | 325.20592 (13012409)   380.91801 (13012409)   527.74512 (13040307)   528.67727 (15011607)
617.33009 (14012008)
 4191185.2 | 370.00305 (13011808)   434.71148 (13012409)   587.43708 (13040307)   597.08217 (14012908)
712.99560 (14012008)
 4191165.2 | 412.48560 (13032907)   452.82278 (13012409)   635.63305 (13040307)   702.64394 (13011807)
829.57769 (14012008)
 4191145.2 | 516.57109 (13030108)   547.58866 (13030108)   652.34758 (13012409)   859.97574 (13011807)
1087.98917 (14112517)
 4191125.2 | 681.99403 (13030108)   732.57112 (13030108)   789.25127 (13030108)   1086.15343 (13011807)
1299.14729 (14112517)
 4191105.2 | 932.91130 (13030108)   1054.40677 (13030108)   1208.22056 (15032607)   1439.87554 (15032607)
1773.27762 (15032607)
 4191085.2 | 1317.26771 (15032607)   1634.10689 (14012208)   2202.48827 (14012208)   2396.39646 (14012208)
2703.18595 (13121309)
 4191065.2 | 1327.70443 (17122807)   1928.65777 (13121309)   2988.52546 (15011209)   4226.36149 (15011209)
2937.34633 (15011209)
 4191045.2 | 1761.07653 (15011209)   2640.64132 (15011209)   3848.32995 (15011209)   2898.98645 (15011209)
1434.03530 (15011209)
 4191025.2 | 2288.22808 (15011209)   2775.95569 (15011209)   2382.17658 (15011209)   1663.23636 (13040207)
1116.57923 (14121317)
 4191005.2 | 2245.58955 (15011209)   2342.49207 (15011209)   1814.54640 (14040707)   1324.61338 (14121317)
1123.74165 (14121317)
 4190985.2 | 2198.64464 (15011209)   1973.05707 (14121317)   1535.78065 (13010717)   1182.39179 (13010717)
774.09576 (13010717)
 4190965.2 | 1773.87355 (13010717)   1205.35335 (14122717)   951.51167 (14091907)   810.90618 (14091907)

700.52344 (14091907)
 4190945.2 | 863.59107 (15011208)   880.22323 (14040707)   695.75508 (14040707)   546.82749 (13012408)
482.29715 (15101407)
 4190925.2 | 702.61542 (14112008)   745.76297 (14040707)   538.75796 (14040707)   467.42434 (13012408)
429.59072 (15101407)
 4190905.2 | 624.04110 (14040707)   625.86517 (14040707)   476.30050 (13012408)   413.09011 (15011308)
388.41965 (15011308)
 4190885.2 | 578.14030 (14040707)   521.79138 (14040707)   428.79759 (13012408)   370.37055 (15011308)
355.88509 (15011308)
 4190865.2 | 526.11213 (14040707)   434.42675 (14040707)   388.46682 (13012408)   344.67678 (17111317)
331.15813 (17111317)
 4190845.2 | 469.56466 (14040707)   363.58618 (14040707)   353.55851 (13012408)   313.36208 (17111317)
304.19771 (15011308)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: UNIPM
***
                                INCLUDING SOURCE(S):   UNIPM   ,

                                 *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                      ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560517.30   560537.30   560557.30   560577.30
560597.30
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 4190825.2 | 412.86214 (14040707)   312.02089 (13040207)   322.87657 (13012408)   282.68279 (15011308)
283.33268 (15011308)
 4190805.2 | 360.82068 (14040707)   287.36979 (13012408)   296.54401 (13012408)   262.39088 (15011308)
265.23816 (15011308)
 4190785.2 | 314.75452 (14040707)   273.65748 (13012408)   273.33894 (13012408)   244.89849 (15011308)
249.23647 (15011308)
 4190765.2 | 275.69834 (14040707)   260.27761 (13012408)   252.91747 (13012408)   229.61408 (15011308)
234.97647 (15011308)
 4190745.2 | 246.53040 (13040207)   247.33912 (13012408)   234.77059 (13012408)   216.23485 (15011308)
222.25878 (15011308)
 4190725.2 | 223.45023 (13040207)   234.93684 (13012408)   218.74670 (13012408)   204.32445 (15011308)
210.81620 (15011308)
 4190705.2 | 204.77314 (17031407)   223.13695 (13012408)   204.43827 (13012408)   193.72372 (15011308)
200.47071 (15011308)
 4190685.2 | 196.90940 (13012408)   211.97797 (13012408)   191.75023 (13012408)   184.21328 (15011308)
191.10507 (15011308)
 4190665.2 | 191.47752 (13012408)   201.40586 (13012408)   180.42776 (13012408)   175.60159 (15011308)
182.55527 (15011308)
 4190645.2 | 185.82479 (13012408)   191.52568 (13012408)   170.32579 (13012408)   167.78934 (15011308)
174.76770 (15011308)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: UNIPM
***
                                INCLUDING SOURCE(S):   UNIPM   ,

                                 *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 560617.30	560637.30	560657.30	560677.30	560697.30
4191625.2	158.68869 (13011807)	165.96244 (14012008)	169.94682 (14012008)	156.00442 (14012008)	156.79451 (15112108)
4191605.2	163.72790 (13011807)	173.49668 (14012008)	174.93589 (14012008)	158.23245 (14012008)	169.62030 (15112108)
4191585.2	168.39414 (13011807)	180.16767 (14012008)	178.56934 (14012008)	159.15157 (14012008)	179.66352 (15112108)
4191565.2	173.33537 (13011807)	187.25928 (14012008)	182.27888 (14012008)	160.10120 (14012008)	192.74579 (14112517)
4191545.2	179.40634 (13011807)	196.20970 (14012008)	187.30863 (14012008)	173.51334 (15112108)	213.98296 (14112517)
4191525.2	186.27891 (13011807)	206.09356 (14012008)	192.77493 (14012008)	193.02224 (15112108)	235.46848 (14112517)
4191505.2	197.05625 (14012008)	215.04764 (14012008)	196.79888 (14012008)	210.35354 (15112108)	254.18746 (14112517)
4191485.2	209.33825 (14012008)	224.30041 (14012008)	200.55317 (14012008)	230.61396 (14112517)	270.46055 (14112517)
4191465.2	222.71449 (14012008)	233.71291 (14012008)	203.95896 (14012008)	257.10225 (14112517)	282.76112 (14112517)
4191445.2	237.25684 (14012008)	243.25895 (14012008)	222.44694 (15112108)	284.57675 (14112517)	291.68806 (14112517)
4191425.2	253.50795 (14012008)	253.19632 (14012008)	248.65315 (15112108)	310.68122 (14112517)	294.76819 (14112517)
4191405.2	271.19376 (14012008)	263.17331 (14012008)	281.05005 (14112517)	332.94078 (14112517)	292.01804 (14112517)
4191385.2	290.05760 (14012008)	272.51027 (14012008)	320.36490 (14112517)	349.37902 (14112517)	284.42795 (14112517)
4191365.2	310.39821 (14012008)	281.62962 (14012008)	360.44231 (14112517)	357.90894 (14112517)	336.66510 (15021907)
4191345.2	332.12662 (14012008)	304.04049 (15112108)	398.24015 (14112517)	357.63091 (14112517)	393.72401 (15021907)
4191325.2	355.85914 (14012008)	357.59103 (14112517)	429.90962 (14112517)	361.10503 (15021907)	435.87055 (13121417)
4191305.2	380.78359 (14012008)	419.79501 (14112517)	450.51968 (14112517)	444.14478 (15021907)	482.71143 (13121308)
4191285.2	406.58586 (14012008)	481.94915 (14112517)	455.98473 (14112517)	510.17011 (15021907)	530.57859 (13121308)
4191265.2	434.96486 (14012008)	542.34636 (14112517)	498.84857 (15021907)	573.59714 (13121308)	539.28750 (15010507)
4191245.2	485.92563 (14112517)	590.51297 (14112517)	608.67276 (15021907)	642.41212 (13121308)	634.68217 (15010507)
4191225.2	602.87992 (14112517)	620.55853 (14112517)	703.26436 (13121308)	698.42417 (15010507)	663.98689 (15010507)
4191205.2	727.28956 (14112517)	742.19943 (15021907)	808.13673 (13121308)	807.80117 (15010507)	829.45335 (15020708)
4191185.2	839.87350 (14112517)	903.22851 (13121308)	952.22790 (15010507)	879.03186 (15020708)	1221.91473 (15012009)
4191165.2	938.33680 (15021907)	1076.20555 (13121308)	1079.96875 (15010507)	1408.35620 (15012009)	1355.84802 (15012009)
4191145.2	1254.46712 (13121308)	1415.62388 (15010507)	1644.77356 (15012009)	1674.43634 (15012009)	1639.64623 (14012907)
4191125.2	1698.71487 (15010507)	1639.66970 (15020708)	1788.87889 (15012009)	1836.87150 (15032607)	2185.06590 (14122307)
4191105.2	1945.26223 (14122307)	1854.77711 (14012208)	1837.50246 (14012208)	2166.23494 (13121309)	2483.46701 (15011209)
4191085.2	2805.85018 (15011209)	2665.25068 (15011209)	2577.21992 (15011209)	2303.65213 (15011209)	1945.05269 (15011209)
4191065.2	1877.77888 (15011209)	1785.96643 (15011209)	1592.11964 (15011209)	1409.20351 (15011209)	1257.44896 (15011209)
4191045.2	1345.21770 (15011209)	1224.98338 (15011209)	1108.73708 (15011209)	1002.85093 (15011209)	904.25469 (15011209)
4191025.2	1017.96239 (14121317)	918.41368 (14121317)	833.86485 (13010717)	772.59176 (13010717)	

661.64012 (13010717)
 4191005.2 | 1018.84929 (13010717)   836.63774 (13010717)   626.73657 (13010717)   527.77558 (15011209)
468.98173 (14122717)
 4190985.2 | 670.04621 (14122717)   595.37733 (14122717)   523.54449 (14091907)   506.16062 (14091907)
480.78398 (14091907)
 4190965.2 | 613.35060 (14091907)   542.37216 (14091907)   480.95560 (14091907)   426.91675 (14091907)
378.78986 (14091907)
 4190945.2 | 449.10222 (15012807)   418.68076 (13020407)   395.59652 (13020407)   375.10015 (13020407)
356.61678 (13020407)
 4190925.2 | 402.56344 (13112107)   366.46642 (13020407)   345.25898 (13020407)   328.34262 (13121617)
315.05987 (13121617)
 4190905.2 | 362.68023 (13112107)   345.81296 (13121617)   331.84563 (13121617)   318.95745 (13121617)
307.12126 (13121617)
 4190885.2 | 326.70740 (17111317)   314.17586 (15012807)   301.00206 (17111317)   289.55493 (17111317)
278.81199 (17111317)
 4190865.2 | 318.65653 (17111317)   307.41193 (17111317)   296.85246 (17111317)   287.08028 (17111317)
277.77615 (17111317)
 4190845.2 | 294.35539 (17111317)   285.80911 (17111317)   277.80556 (17111317)   270.12873 (17111317)
262.86241 (17111317)

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: UNIPM
***
                               INCLUDING SOURCE(S):   UNIPM   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560617.30   560637.30   560657.30   560677.30
560697.30
 -
- - - - - - - -

 4190825.2 | 247.22538 (15101407)   256.78720 (13112107)   240.37246 (15012807)   234.69832 (13121217)
225.92252 (17111317)
 4190805.2 | 234.75580 (15101407)   237.94582 (13112107)   228.80574 (15012807)   212.18390 (13121217)
216.17476 (13121217)
 4190785.2 | 223.12067 (15101407)   219.01562 (13112107)   216.53015 (13112107)   204.01797 (15010907)
206.34600 (13121217)
 4190765.2 | 212.26830 (15101407)   200.64551 (13112107)   208.42885 (13112107)   196.17624 (15010907)
191.75256 (13121217)
 4190745.2 | 202.12969 (15101407)   184.63229 (16120508)   198.84106 (13112107)   188.02573 (15012807)
174.32381 (13121217)
 4190725.2 | 192.67982 (15101407)   174.20843 (16021108)   188.24370 (13112107)   180.37518 (15012807)
171.17947 (15010907)
 4190705.2 | 183.87651 (15101407)   164.05493 (16021108)   177.11538 (13112107)   172.73920 (13112107)
166.47340 (15010907)
 4190685.2 | 175.66201 (15101407)   159.05796 (15101407)   165.88684 (13112107)   168.05589 (13112107)
159.65217 (15012807)
 4190665.2 | 167.99732 (15101407)   154.58212 (15101407)   155.25091 (16120508)   162.30961 (13112107)
154.90279 (15012807)
 4190645.2 | 160.83755 (15101407)   150.18602 (15101407)   145.90750 (16120508)   155.77044 (13112107)
149.38114 (15012807)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: UNIPM ***

INCLUDING SOURCE(S): UNIPM ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	560717.30	560737.30	560757.30	560777.30	560797.30
4191625.2	185.12409 (14112517)	204.50203 (14112517)	193.10454 (14112517)	167.34665 (14112517)	169.66227 (15021907)
4191605.2	199.24363 (14112517)	209.98042 (14112517)	190.69527 (14112517)	163.47745 (14112517)	191.17359 (15021907)
4191585.2	210.93604 (14112517)	211.78681 (14112517)	185.62749 (14112517)	171.92707 (15021907)	210.14347 (15021907)
4191565.2	224.31369 (14112517)	214.33527 (14112517)	181.34371 (14112517)	196.97729 (15021907)	224.03494 (15021907)
4191545.2	236.11936 (14112517)	214.84020 (14112517)	178.50073 (14112517)	221.33187 (15021907)	234.14127 (13121417)
4191525.2	244.99785 (14112517)	212.92153 (14112517)	206.26144 (15021907)	242.06010 (15021907)	243.73923 (13121417)
4191505.2	249.58451 (14112517)	208.27746 (14112517)	237.42123 (15021907)	257.71763 (13121417)	263.33797 (13121308)
4191485.2	249.90741 (14112517)	212.68942 (15021907)	265.08985 (15021907)	273.17788 (13121417)	278.71776 (13121308)
4191465.2	246.37804 (14112517)	251.59653 (15021907)	284.95325 (15021907)	292.15332 (13121308)	281.16102 (13121308)
4191445.2	239.59780 (14112517)	287.72100 (15021907)	303.75647 (13121417)	309.99306 (13121308)	271.35500 (13121308)
4191425.2	263.33322 (15021907)	315.43039 (15021907)	325.18539 (13121308)	310.95621 (13121308)	305.22107 (15010507)
4191405.2	311.16446 (15021907)	338.06603 (13121417)	345.54165 (13121308)	308.23215 (15010507)	331.70759 (15010507)
4191385.2	351.66106 (15021907)	364.53721 (13121308)	345.30458 (13121308)	349.02899 (15010507)	341.60287 (15010507)
4191365.2	382.03810 (13121417)	391.22476 (13121308)	358.81747 (15010507)	373.48351 (15010507)	336.68250 (15010507)
4191345.2	415.67451 (13121308)	390.01591 (13121308)	403.04214 (15010507)	377.27127 (15010507)	369.65664 (17031607)
4191325.2	450.72039 (13121308)	425.24672 (15010507)	422.45260 (15010507)	402.39106 (17031607)	449.34098 (15020708)
4191305.2	448.15313 (13121308)	470.58983 (15010507)	431.21170 (17031607)	460.22199 (15020708)	562.43872 (15020708)
4191285.2	513.62958 (15010507)	479.53667 (15010507)	470.77545 (15020708)	609.08659 (15020708)	693.85643 (15012009)
4191265.2	555.48573 (15010507)	518.22915 (17031607)	659.05581 (15020708)	760.91448 (15012009)	682.06317 (15012009)
4191245.2	581.10544 (17031607)	713.93142 (15020708)	836.68210 (15012009)	752.15281 (15012009)	693.93050 (16120517)
4191225.2	775.42971 (15020708)	944.95475 (15012009)	838.70423 (15012009)	779.46041 (16120517)	844.66859 (14012907)
4191205.2	1073.22256 (15012009)	977.26898 (15012009)	897.75541 (16120517)	967.72984 (14012907)	943.73231 (14012907)
4191185.2	1137.05455 (15012009)	1052.78210 (14012907)	1124.13097 (14012907)	1051.85615 (13011717)	1208.42783 (13011717)
4191165.2	1305.24824 (14012907)	1302.68516 (14012907)	1349.02176 (13011717)	1462.84992 (13011717)	1602.75290 (13011717)
4191145.2	1594.07974 (13011717)	1698.72551 (13011717)	1831.65350 (14121317)	2514.02864 (14121317)	2715.16793 (14121317)
4191125.2	2104.83637 (14012208)	2079.50415 (14121317)	2364.89991 (13121309)	2921.37814 (15011209)	2931.10732 (15011209)
4191105.2	2681.62831 (15011209)	2533.62421 (15011209)	2141.04466 (15011209)	1796.53209 (15011209)	1541.02356 (15011209)
4191085.2	1673.37981 (15011209)	1464.31924 (15011209)	1294.95948 (15011209)	1147.05257 (15011209)	

1014.66336 (15011209)
 4191065.2 | 1128.55311 (15011209)   1011.50752 (15011209)   900.34349 (15011209)   789.59069 (15011209)
672.81192 (15011209)
 4191045.2 | 810.44996 (15011209)   714.24465 (15011209)   612.10764 (15011209)   504.60863 (15011209)
465.53362 (14091607)
 4191025.2 | 566.05621 (15011209)   472.63058 (15011209)   430.47803 (14091607)   421.04025 (14091607)
406.84613 (14091607)
 4191005.2 | 442.08624 (14122717)   400.90886 (14122717)   383.03237 (14091607)   364.59713 (14091607)
357.66119 (14091907)
 4190985.2 | 450.93240 (14091907)   419.09177 (14091907)   386.75120 (14091907)   354.73784 (14091907)
323.81750 (14091907)
 4190965.2 | 335.56509 (14091907)   319.68860 (13020407)   308.45619 (13020407)   298.01570 (13020407)
288.28581 (13020407)
 4190945.2 | 339.69107 (13020407)   324.11714 (13020407)   309.54208 (13020407)   295.94003 (13020407)
282.95319 (13020407)
 4190925.2 | 303.00495 (13121617)   291.90052 (13121617)   281.63377 (13121617)   272.12437 (13121617)
263.30945 (13121617)
 4190905.2 | 296.02714 (13121617)   285.74278 (13121617)   276.14107 (13121617)   267.12580 (13121617)
258.64070 (13121617)
 4190885.2 | 268.87980 (17111317)   259.51937 (17111317)   250.68755 (17111317)   242.32614 (17111317)
234.43856 (17111317)
 4190865.2 | 269.03883 (17111317)   260.78593 (17111317)   252.92681 (17111317)   245.50198 (17111317)
238.48961 (17111317)
 4190845.2 | 255.98349 (17111317)   249.35703 (17111317)   243.08141 (17111317)   237.03988 (17111317)
231.23033 (17111317)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: UNIPM
***
                               INCLUDING SOURCE(S):   UNIPM   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560717.30   560737.30   560757.30   560777.30
560797.30
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- - - - - - - -

 4190825.2 | 221.97129 (17111317)   218.08065 (17111317)   214.34340 (17111317)   210.64558 (17111317)
207.01063 (17111317)
 4190805.2 | 184.76245 (13121217)   180.04263 (14040707)   176.31000 (14040707)   172.85095 (14040707)
170.18307 (14040707)
 4190785.2 | 188.55766 (13121217)   172.25387 (14040707)   168.84118 (14040707)   165.80602 (14040707)
163.89789 (14040707)
 4190765.2 | 188.05459 (13121217)   165.21388 (14040707)   162.10645 (14040707)   159.57670 (14040707)
158.45209 (14040707)
 4190745.2 | 182.91694 (13121217)   164.82412 (13121217)   156.05828 (14040707)   154.07922 (14040707)
153.83152 (14040707)
 4190725.2 | 173.68209 (13121217)   165.85252 (13121217)   150.59492 (14040707)   149.23766 (14040707)
149.87782 (14040707)
 4190705.2 | 161.47623 (13121217)   163.51869 (13121217)   146.53607 (13121217)   145.05569 (14040707)
146.54525 (14040707)
 4190685.2 | 148.73662 (15010907)   157.85041 (13121217)   148.17959 (13121217)   141.41502 (14040707)
143.72042 (14040707)
 4190665.2 | 147.57735 (15010907)   149.42253 (13121217)   147.41216 (13121217)   138.33312 (14040707)
141.31624 (14040707)
 4190645.2 | 144.58825 (15010907)   139.10348 (13121217)   144.07236 (13121217)   135.65697 (14040707)
139.26183 (14040707)

*** AERMET - VERSION 18081 ***   ***   ***
09:59:03

PAGE 1441
*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: UNIPM ***

INCLUDING SOURCE(S):   UNIPM   ,

*** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10   IN MICROGRAMS/M**3   **

Y-COORD (METERS)	X-COORD (METERS) 560817.30	560837.30	560857.30	560877.30	560897.30
4191625.2	198.97365 (15021907)	205.39689 (13121417)	208.77287 (13121308)	205.85844 (13121308)	186.32431 (13121308)
4191605.2	210.12025 (15021907)	209.94502 (13121417)	217.85007 (13121308)	203.17479 (13121308)	196.76041 (15010507)
4191585.2	219.41113 (13121417)	223.55409 (13121308)	219.90717 (13121308)	196.66861 (13121308)	214.12677 (15010507)
4191565.2	224.99018 (13121417)	233.84933 (13121308)	215.58082 (13121308)	215.68998 (15010507)	226.59826 (15010507)
4191545.2	240.15866 (13121308)	235.79415 (13121308)	214.29302 (15010507)	233.31416 (15010507)	233.62535 (15010507)
4191525.2	251.96408 (13121308)	230.22441 (13121308)	237.83863 (15010507)	245.15074 (15010507)	235.38558 (15010507)
4191505.2	253.61880 (13121308)	238.60714 (15010507)	255.90727 (15010507)	250.63391 (15010507)	233.11915 (15010507)
4191485.2	247.71815 (13121308)	264.05832 (15010507)	266.06441 (15010507)	249.73344 (15010507)	247.69668 (17031607)
4191465.2	269.02656 (15010507)	281.76271 (15010507)	268.08615 (15010507)	258.88884 (17031607)	243.94748 (17031607)
4191445.2	295.35280 (15010507)	288.83892 (15010507)	268.40310 (17031607)	265.25433 (17031607)	307.88429 (15020708)
4191425.2	310.37397 (15010507)	286.38993 (15010507)	287.47260 (17031607)	311.99914 (15020708)	372.55552 (15020708)
4191405.2	312.55268 (15010507)	306.40106 (17031607)	312.89125 (15020708)	389.30201 (15020708)	431.71350 (15012009)
4191385.2	319.88162 (17031607)	308.80754 (15020708)	402.03016 (15020708)	453.26338 (15012009)	482.20664 (15012009)
4191365.2	327.66537 (17031607)	413.66278 (15020708)	471.08868 (15012009)	513.18564 (15012009)	468.39713 (15012009)
4191345.2	433.89152 (15020708)	492.12068 (15012009)	544.82976 (15012009)	499.17155 (15012009)	441.21740 (16122217)
4191325.2	524.01130 (15012009)	581.72333 (15012009)	529.74852 (15012009)	473.05413 (16122217)	506.66509 (16120517)
4191305.2	637.06500 (15012009)	565.89640 (15012009)	503.92220 (16122217)	546.10004 (16120517)	582.48652 (14012907)
4191285.2	622.94660 (15012009)	549.78644 (16120517)	582.00435 (16120517)	642.92042 (14012907)	652.01657 (14012907)
4191265.2	619.95357 (16120517)	639.29070 (14012907)	695.96740 (14012907)	691.06564 (14012907)	656.72062 (14012907)
4191245.2	738.52087 (14012907)	765.19167 (14012907)	735.17106 (14012907)	747.47668 (13011717)	848.85088 (13011717)
4191225.2	855.15221 (14012907)	790.65667 (14012907)	898.37881 (13011717)	982.08916 (13011717)	1008.67646 (13011717)
4191205.2	977.98435 (13011717)	1089.73276 (13011717)	1137.44303 (13011717)	1141.30695 (13011717)	1135.88769 (13011717)
4191185.2	1306.84905 (13011717)	1379.70312 (13011717)	1400.43371 (13011717)	1536.16318 (13121117)	2054.84025 (14121317)
4191165.2	1750.88770 (14121317)	2537.14299 (14121317)	3006.37517 (14121317)	2975.35852 (14121317)	2671.03689 (14121317)
4191145.2	2646.40174 (14121317)	2647.11419 (15011209)	2951.48855 (15011209)	2677.53388 (15011209)	

2160.93546 (15011209)
 4191125.2 | 2380.13844 (15011209)   1942.86080 (15011209)   1640.53954 (15011209)   1424.75298 (15011209)
1240.47664 (15011209)
 4191105.2 | 1342.31638 (15011209)   1178.33594 (15011209)   1026.44386 (15011209)   861.63590 (17111317)
811.26745 (17111317)
 4191085.2 | 887.12356 (15011209)   751.88616 (15011209)   646.82021 (17111317)   622.99076 (17111317)
601.34470 (17111317)
 4191065.2 | 545.62339 (15011209)   514.42172 (14091607)   496.17639 (14091607)   457.57729 (17021408)
421.32819 (15012907)
 4191045.2 | 455.43192 (14091607)   429.76498 (14091607)   397.27709 (17021408)   377.60918 (15012907)
371.83026 (15012907)
 4191025.2 | 381.29297 (17021408)   354.15131 (13021308)   343.06358 (15012907)   337.91986 (15012907)
307.27447 (15011208)
 4191005.2 | 346.12405 (14091907)   331.21033 (14091907)   313.98620 (14091907)   295.28435 (14091907)
291.21003 (15011208)
 4190985.2 | 294.23846 (14091907)   286.79888 (15012907)   266.70849 (14040707)   267.34955 (15011208)
272.94053 (15011208)
 4190965.2 | 278.99615 (13020407)   270.18739 (13020407)   261.78560 (13020407)   254.33819 (15011208)
250.94497 (14040707)
 4190945.2 | 270.83439 (13020407)   259.17872 (13020407)   248.07811 (13020407)   237.53679 (13020407)
240.12399 (14040707)
 4190925.2 | 254.98251 (13121617)   247.22837 (13121617)   239.98937 (13121617)   233.05212 (13121617)
231.27588 (14040707)
 4190905.2 | 250.62963 (13121617)   243.06241 (13121617)   235.83265 (13121617)   229.03988 (13121617)
223.87426 (14040707)
 4190885.2 | 226.93413 (17111317)   219.71939 (17111317)   212.93879 (17111317)   206.51865 (14040707)
217.48198 (14040707)
 4190865.2 | 231.75226 (17111317)   225.35958 (17111317)   219.19117 (17111317)   213.37040 (17111317)
211.80365 (14040707)
 4190845.2 | 225.64251 (17111317)   220.36022 (17111317)   215.30146 (17111317)   210.36908 (17111317)
206.51420 (14040707)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: UNIPM
***
                               INCLUDING SOURCE(S):   UNIPM   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560817.30   560837.30   560857.30   560877.30
560897.30
 -
- - - - - - - -

 4190825.2 | 203.48219 (17111317)   199.95311 (17111317)   196.55747 (17111317)   193.24182 (17111317)
201.26538 (14040707)
 4190805.2 | 169.48121 (14040707)   172.20078 (14040707)   178.78872 (14040707)   187.83915 (14040707)
195.74092 (14040707)
 4190785.2 | 164.30655 (14040707)   168.16775 (14040707)   175.40117 (14040707)   183.96757 (14040707)
189.66747 (14040707)
 4190765.2 | 159.93375 (14040707)   164.79967 (14040707)   172.32456 (14040707)   179.94150 (14040707)
182.71087 (14040707)
 4190745.2 | 156.33253 (14040707)   161.90434 (14040707)   169.34259 (14040707)   175.44481 (14040707)
174.81660 (14040707)
 4190725.2 | 153.28297 (14040707)   159.36033 (14040707)   166.30838 (14040707)   170.34409 (14040707)
165.87974 (14040707)
 4190705.2 | 150.70786 (14040707)   156.94222 (14040707)   162.96840 (14040707)   164.48729 (14040707)
155.95630 (14040707)
 4190685.2 | 148.44426 (14040707)   154.56581 (14040707)   159.16808 (14040707)   157.75759 (14040707)
145.20836 (14040707)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: UNIPM ***

INCLUDING SOURCE(S): UNIPM ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	560917.30	560937.30	560957.30	560977.30	560997.30
4191625.2	196.69659 (15010507)	204.02301 (15010507)	200.48807 (15010507)	191.21544 (15010507)	185.65573 (17031607)
4191605.2	209.85007 (15010507)	209.57854 (15010507)	200.77624 (15010507)	190.50050 (17031607)	188.44374 (17031607)
4191585.2	218.57338 (15010507)	211.25399 (15010507)	199.30971 (15010507)	198.67318 (17031607)	188.19684 (14012908)
4191565.2	222.16596 (15010507)	209.87959 (15010507)	208.22980 (17031607)	197.79975 (13040307)	233.09105 (15020708)
4191545.2	221.81349 (15010507)	215.49470 (17031607)	205.27772 (17031607)	234.39084 (15020708)	274.77026 (15020708)
4191525.2	221.41930 (17031607)	218.77421 (17031607)	234.33179 (15020708)	281.07703 (15020708)	299.47128 (15020708)
4191505.2	233.20563 (17031607)	234.01403 (15020708)	288.13019 (15020708)	311.92834 (15020708)	347.02977 (15012009)
4191485.2	232.81547 (15020708)	294.84206 (15020708)	326.11921 (15020708)	362.37953 (15012009)	369.70603 (15012009)
4191465.2	302.15515 (15020708)	340.21888 (15020708)	378.91459 (15012009)	389.54380 (15012009)	361.79597 (15012009)
4191445.2	357.02876 (15020708)	395.57361 (15012009)	408.21942 (15012009)	377.91274 (15012009)	336.36925 (15012009)
4191425.2	413.47602 (15012009)	430.90047 (15012009)	396.39448 (15012009)	349.83250 (15012009)	355.55196 (16120517)
4191405.2	453.77021 (15012009)	417.34857 (15012009)	365.63996 (15012009)	380.40649 (16120517)	398.02480 (16120517)
4191385.2	441.28225 (15012009)	387.38852 (16122217)	407.73989 (16120517)	419.90885 (16120517)	445.43555 (14012907)
4191365.2	412.84676 (16122217)	437.69409 (16120517)	442.82429 (16120517)	482.33857 (14012907)	497.98401 (14012907)
4191345.2	470.65697 (16120517)	477.61894 (14012907)	521.67544 (14012907)	527.80007 (14012907)	508.28142 (14012907)
4191325.2	527.34925 (14012907)	563.16563 (14012907)	558.22157 (14012907)	530.44834 (14012907)	516.48947 (14010709)
4191305.2	606.68918 (14012907)	589.41805 (14012907)	557.06880 (14010709)	598.76393 (13011717)	664.86101 (13011717)
4191285.2	622.05870 (14012907)	610.02335 (13011717)	695.89273 (13011717)	745.78528 (13011717)	762.11486 (13011717)
4191265.2	726.21860 (13011717)	796.02887 (13011717)	825.84568 (13011717)	825.06813 (13011717)	806.44351 (13011717)
4191245.2	898.53210 (13011717)	908.86151 (13011717)	895.82142 (13011717)	873.57373 (13011717)	857.00821 (13011717)
4191225.2	1004.55215 (13011717)	988.09261 (13011717)	976.36592 (13011717)	1147.20905 (13121117)	1313.88470 (13121117)
4191205.2	1186.42672 (13121117)	1412.36906 (13121117)	1820.72326 (14121317)	2323.91570 (14121317)	

2735.41422 (14121317)
 4191185.2 | 2626.43642 (14121317)   2813.83607 (14121317)   2790.51879 (14121317)   2388.68880 (14121317)
2154.76858 (15011209)
 4191165.2 | 2461.49093 (15011209)   2452.71060 (15011209)   2427.50917 (15011209)   2247.67845 (15011209)
1792.85757 (15011209)
 4191145.2 | 1846.12143 (15011209)   1594.88268 (15011209)   1268.99341 (15011209)   1008.04784 (17111317)
936.91696 (17111317)
 4191125.2 | 1022.96696 (15011209)   908.13420 (17111317)   852.32605 (17111317)   803.37714 (17111317)
756.15684 (17111317)
 4191105.2 | 770.25005 (17111317)   732.90233 (17111317)   695.14118 (17111317)   661.86697 (17111317)
634.37046 (17111317)
 4191085.2 | 580.10737 (17111317)   560.49783 (17111317)   541.95769 (17111317)   524.95732 (17111317)
510.14736 (17111317)
 4191065.2 | 414.15532 (15012907)   387.85958 (17111317)   406.28682 (14040707)   424.88768 (14040707)
441.60053 (14040707)
 4191045.2 | 341.43057 (15011208)   353.81761 (14040707)   372.81909 (14040707)   390.01892 (14040707)
402.89607 (14040707)
 4191025.2 | 319.33134 (15011208)   329.25264 (14040707)   345.61689 (14040707)   361.73568 (14040707)
367.74072 (14040707)
 4191005.2 | 293.50666 (15011208)   309.08437 (14040707)   324.18204 (14040707)   337.57008 (14040707)
332.27877 (14040707)
 4190985.2 | 277.28679 (14040707)   292.91371 (14040707)   306.96431 (14040707)   314.89293 (14040707)
294.58150 (14040707)
 4190965.2 | 264.15538 (14040707)   279.51358 (14040707)   291.76058 (14040707)   292.40348 (14040707)
256.36900 (14040707)
 4190945.2 | 253.42348 (14040707)   267.76473 (14040707)   277.09058 (14040707)   268.14147 (14040707)
226.29635 (13012408)
 4190925.2 | 244.41847 (14040707)   257.17586 (14040707)   261.72217 (14040707)   241.87794 (14040707)
215.44647 (13012408)
 4190905.2 | 236.46206 (14040707)   246.88958 (14040707)   244.96781 (14040707)   214.25512 (14040707)
205.66100 (13012408)
 4190885.2 | 229.10337 (14040707)   236.03997 (14040707)   226.65032 (14040707)   189.85409 (13012408)
196.53427 (13012408)
 4190865.2 | 221.82295 (14040707)   224.16222 (14040707)   206.72410 (14040707)   187.33374 (17111317)
187.96624 (13012408)
 4190845.2 | 214.17433 (14040707)   210.91776 (14040707)   192.44424 (17111317)   188.32400 (17111317)
184.03962 (17111317)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: UNIPM
***
                               INCLUDING SOURCE(S):   UNIPM   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560917.30   560937.30   560957.30   560977.30
560997.30
 -
- - - - - - - -

 4190825.2 | 205.79735 (14040707)   196.29285 (14040707)   180.54352 (17111317)   177.74971 (17111317)
174.50457 (17111317)
 4190805.2 | 196.26524 (14040707)   180.45169 (14040707)   157.97066 (13012408)   164.79679 (13012408)
163.65412 (13012408)
 4190785.2 | 185.53156 (14040707)   163.75194 (14040707)   153.49972 (13012408)   159.18518 (13012408)
155.94075 (13012408)
 4190765.2 | 173.64346 (14040707)   146.65481 (14040707)   149.28703 (13012408)   153.71598 (13012408)
148.53970 (13012408)
 4190745.2 | 160.73203 (14040707)   138.60709 (14020308)   145.27016 (13012408)   148.32979 (13012408)
141.26369 (13012408)

 4190725.2 | 147.12878 (14040707)   135.31701 (13012408)   141.37637 (13012408)   142.96591 (13012408)
134.07611 (13012408)
 4190705.2 | 133.17488 (14040707)   132.26725 (13012408)   137.60147 (13012408)   137.70645 (13012408)
127.10551 (13012408)
 4190685.2 | 124.06378 (14020308)   129.38348 (13012408)   133.87158 (13012408)   132.54990 (13012408)
122.12215 (15011308)
 4190665.2 | 121.27478 (14020308)   126.57183 (13012408)   130.16902 (13012408)   127.44548 (13012408)
118.86891 (15011308)
 4190645.2 | 118.55933 (13012408)   123.85486 (13012408)   126.49992 (13012408)   122.39598 (13012408)
115.80437 (15011308)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: UNIPM
***
                               INCLUDING SOURCE(S):   UNIPM   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 561017.30   561037.30   561057.30   561077.30
561097.30
 -
- - - - - - - -

 4191625.2 | 178.08924 (17031607)   188.40329 (15020708)   224.33323 (15020708)   244.88132 (15020708)
260.17128 (15012009)
 4191605.2 | 187.59315 (15020708)   227.70745 (15020708)   252.28437 (15020708)   266.95951 (15012009)
289.33177 (15012009)
 4191585.2 | 230.12483 (15020708)   259.83677 (15020708)   274.91826 (15012009)   299.67479 (15012009)
300.00258 (15012009)
 4191565.2 | 266.83197 (15020708)   281.52659 (15012009)   311.53695 (15012009)   312.86953 (15012009)
294.29992 (15012009)
 4191545.2 | 288.80486 (15012009)   322.79668 (15012009)   325.82094 (15012009)   306.41605 (15012009)
279.73052 (15012009)
 4191525.2 | 335.41414 (15012009)   339.63174 (15012009)   318.52682 (15012009)   290.23029 (15012009)
279.07089 (16122217)
 4191505.2 | 353.07279 (15012009)   331.03624 (15012009)   300.71683 (15012009)   290.83829 (16122217)
306.05630 (16120517)
 4191485.2 | 344.23395 (15012009)   310.81443 (15012009)   303.97554 (16122217)   322.78595 (16120517)
328.26222 (16120517)
 4191465.2 | 322.80530 (15012009)   316.19978 (16122217)   339.57561 (16120517)   343.20811 (16120517)
362.55882 (14012907)
 4191445.2 | 333.16393 (16120517)   357.77947 (16120517)   355.38547 (16120517)   386.96830 (14012907)
402.93379 (14012907)
 4191425.2 | 377.29409 (16120517)   379.67545 (14012907)   412.80312 (14012907)   423.40118 (14012907)
415.76439 (14012907)
 4191405.2 | 411.27072 (14012907)   440.30486 (14012907)   444.47221 (14012907)   431.05985 (14012907)
410.17332 (14010709)
 4191385.2 | 468.74876 (14012907)   465.66395 (14012907)   446.34980 (14012907)   433.98508 (14010709)
434.29296 (13011717)
 4191365.2 | 486.88108 (14012907)   462.07789 (14012907)   455.84188 (14010709)   499.06381 (13011717)
546.41997 (13011717)
 4191345.2 | 487.64439 (14010709)   505.41758 (13011717)   566.34196 (13011717)   603.34503 (13011717)
612.98239 (13011717)
 4191325.2 | 583.92317 (13011717)   633.74896 (13011717)   655.32930 (13011717)   650.14893 (13011717)
632.03623 (13011717)
 4191305.2 | 699.20335 (13011717)   703.47771 (13011717)   687.02815 (13011717)   658.76226 (13011717)
630.06162 (13011717)
 4191285.2 | 753.82268 (13011717)   724.95878 (13011717)   690.91814 (13011717)   670.02437 (13011717)
688.52149 (13121117)
 4191265.2 | 782.56919 (13011717)   751.74741 (13011717)   802.77729 (13121117)   920.48441 (13121117)

1007.74721 (13121117)
 4191245.2 | 960.89760 (13121117)   1085.59848 (13121117)   1184.38549 (13121117)   1413.53170 (14121317)
1656.23487 (14121317)
 4191225.2 | 1595.13337 (14121317)   1933.22179 (14121317)   2266.51151 (14121317)   2598.93322 (14121317)
2511.80147 (14121317)
 4191205.2 | 2825.11392 (14121317)   2599.40217 (14121317)   2225.76323 (14121317)   1802.02993 (14121317)
1777.46647 (14091907)
 4191185.2 | 2123.27250 (15011209)   1802.46663 (14091907)   1587.10417 (13020407)   1466.05994 (17111317)
1363.48475 (17111317)
 4191165.2 | 1216.20035 (17111317)   1111.13634 (17111317)   1009.34037 (17111317)   923.91537 (17111317)
882.46921 (17111317)
 4191145.2 | 862.62980 (17111317)   807.47104 (14040707)   754.62052 (17111317)   706.09515 (17111317)
667.53379 (17111317)
 4191125.2 | 717.72933 (17111317)   678.49615 (17111317)   643.57673 (17111317)   612.77680 (17111317)
584.68945 (17111317)
 4191105.2 | 610.58278 (17111317)   583.92525 (17111317)   555.21552 (17111317)   536.64288 (17111317)
519.44766 (17111317)
 4191085.2 | 501.09887 (14040707)   481.22866 (17111317)   463.47995 (17111317)   452.00661 (17111317)
441.24723 (17111317)
 4191065.2 | 441.19836 (14040707)   367.39865 (13012408)   358.35265 (17111317)   351.52950 (17111317)
346.93490 (17111317)
 4191045.2 | 383.23438 (14040707)   334.00067 (13012408)   324.74340 (15011308)   309.52696 (15012807)
313.30943 (15012807)
 4191025.2 | 322.72030 (14040707)   302.59393 (13012408)   298.11525 (15011308)   286.72731 (15012807)
290.87096 (15012807)
 4191005.2 | 278.12390 (13012408)   275.63508 (13012408)   275.15339 (15011308)   263.46227 (15012807)
269.39895 (15012807)
 4190985.2 | 261.42855 (13012408)   251.50114 (13012408)   255.02899 (15011308)   242.83558 (15012807)
250.03887 (15012807)
 4190965.2 | 245.41144 (13012408)   234.04731 (15011308)   237.14494 (15011308)   224.75953 (15012807)
233.32039 (15012807)
 4190945.2 | 230.17719 (13012408)   220.23161 (15011308)   222.32269 (15011308)   209.91374 (15012807)
218.81000 (15012807)
 4190925.2 | 215.51923 (13012408)   208.23255 (15011308)   210.32077 (15011308)   198.18150 (15101407)
205.90235 (15012807)
 4190905.2 | 202.52087 (13012408)   198.66770 (15011308)   200.05561 (15011308)   188.40461 (15101407)
194.29357 (15012807)
 4190885.2 | 190.45596 (13012408)   190.14002 (15011308)   190.51982 (15011308)   179.37757 (15101407)
183.63019 (15012807)
 4190865.2 | 178.91336 (13012408)   182.27587 (15011308)   181.52476 (15011308)   171.18771 (15101407)
173.94360 (15012807)
 4190845.2 | 180.34456 (17111317)   176.60940 (17111317)   173.20467 (15011308)   169.30696 (17111317)
165.80401 (17111317)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: UNIPM
***
                               INCLUDING SOURCE(S):   UNIPM   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 561017.30   561037.30   561057.30   561077.30
561097.30
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- - - - - - - -

 4190825.2 | 171.87964 (17111317)   169.05624 (17111317)   166.30526 (17111317)   163.54747 (17111317)
160.85631 (17111317)
 4190805.2 | 155.39821 (15011308)   161.29696 (15011308)   158.55291 (15011308)   150.79100 (15101407)
150.24276 (13112107)

 4190785.2 | 149.94956 (15011308)   155.34644 (15011308)   152.21947 (15011308)   145.17855 (15101407)
143.68294 (13112107)
 4190765.2 | 144.94527 (15011308)   149.82849 (15011308)   146.39044 (15011308)   140.01245 (15101407)
137.60118 (13112107)
 4190745.2 | 140.26951 (15011308)   144.71602 (15011308)   141.00876 (15011308)   135.23894 (15101407)
131.95095 (13112107)
 4190725.2 | 135.86337 (15011308)   139.89606 (15011308)   136.15295 (15011308)   130.83134 (15101407)
126.69605 (13112107)
 4190705.2 | 131.76862 (15011308)   135.37082 (15011308)   131.50320 (15011308)   126.72463 (15101407)
121.80373 (13112107)
 4190685.2 | 127.96829 (15011308)   131.20173 (15011308)   127.17250 (15011308)   122.88588 (15101407)
117.24775 (13112107)
 4190665.2 | 124.39372 (15011308)   127.28037 (15011308)   123.11068 (15011308)   119.27200 (15101407)
113.11313 (13112107)
 4190645.2 | 121.07811 (15011308)   123.61023 (15011308)   119.31686 (15011308)   115.77385 (15101407)
109.12502 (13112107)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: UNIPM
***
                                INCLUDING SOURCE(S):   UNIPM   ,

                                 *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                      ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 561117.30   561137.30   561157.30   561177.30
561197.30
 -
- - - - - - - -

 4191625.2 | 280.01339 (15012009)   279.45600 (15012009)   265.08504 (15012009)   246.27536 (15012009)
229.83635 (15012009)
 4191605.2 | 289.36333 (15012009)   273.86960 (15012009)   253.60940 (15012009)   237.90746 (16122217)
238.80606 (16122217)
 4191585.2 | 283.31403 (15012009)   261.44250 (15012009)   247.01820 (16122217)   250.31095 (16120517)
266.86922 (16120517)
 4191565.2 | 269.84145 (15012009)   256.75343 (16122217)   262.77599 (16120517)   278.10805 (16120517)
278.97469 (16120517)
 4191545.2 | 267.12918 (16122217)   276.13784 (16120517)   289.79910 (16120517)   288.05725 (16120517)
305.10154 (14012907)
 4191525.2 | 290.40434 (16120517)   301.98825 (16120517)   297.34162 (16120517)   323.09521 (14012907)
337.57338 (14012907)
 4191505.2 | 314.67012 (16120517)   316.24174 (14012907)   341.92544 (14012907)   353.25447 (14012907)
351.63995 (14012907)
 4191485.2 | 338.13755 (14012907)   361.52759 (14012907)   369.01953 (14012907)   363.44096 (14012907)
349.95039 (14012907)
 4191465.2 | 381.76220 (14012907)   384.68206 (14012907)   374.96599 (14012907)   358.60929 (14012907)
356.21083 (14010709)
 4191445.2 | 400.27110 (14012907)   386.41108 (14012907)   372.31522 (14010709)   369.92016 (14010709)
380.17460 (13011717)
 4191425.2 | 397.79870 (14012907)   390.28223 (14010709)   380.62057 (14010709)   427.73769 (13011717)
463.43536 (13011717)
 4191405.2 | 407.90837 (14010709)   430.18597 (13011717)   474.43912 (13011717)   502.23811 (13011717)
509.64179 (13011717)
 4191385.2 | 489.99216 (13011717)   526.59116 (13011717)   544.16266 (13011717)   545.06205 (13011717)
532.71935 (13011717)
 4191365.2 | 571.64181 (13011717)   577.68399 (13011717)   568.52765 (13011717)   550.76487 (13011717)
530.60456 (13011717)
 4191345.2 | 602.83803 (13011717)   585.25390 (13011717)   563.43082 (13011717)   543.24660 (13011717)
530.02589 (13011717)
 4191325.2 | 606.86847 (13011717)   584.69514 (13011717)   568.66523 (13011717)   562.40732 (13011717)

624.55131 (13121117)
 4191305.2 | 606.63878 (13011717)   603.86503 (13121117)   705.36493 (13121117)   797.44370 (13121117)
873.13678 (13121117)
 4191285.2 | 783.67359 (13121117)   873.30458 (13121117)   971.44866 (13121117)   1069.69285 (13121117)
1220.99859 (14121317)
 4191265.2 | 1079.58952 (14121317)   1253.12752 (14121317)   1430.06889 (14121317)   1550.44932 (14121317)
1566.66324 (14121317)
 4191245.2 | 1889.64529 (14121317)   1962.88648 (14121317)   1776.31014 (14121317)   1490.88745 (14121317)
1292.57754 (13010717)
 4191225.2 | 2102.20405 (14121317)   1671.50534 (14121317)   1302.44393 (14122717)   1220.69455 (14091907)
1202.71767 (14091907)
 4191205.2 | 1700.39377 (14091907)   1521.09483 (14091907)   1297.83994 (14091907)   1185.74706 (13020407)
1091.88453 (13020407)
 4191185.2 | 1287.61302 (17111317)   1235.75650 (17111317)   1187.28913 (17111317)   1114.76417 (17111317)
1017.19225 (17111317)
 4191165.2 | 856.96039 (17111317)   834.22358 (17111317)   813.81110 (17111317)   795.14009 (17111317)
776.91113 (17111317)
 4191145.2 | 636.35067 (17111317)   617.50506 (17111317)   601.42656 (17111317)   588.85674 (17111317)
583.16108 (17111317)
 4191125.2 | 560.35578 (17111317)   541.67562 (17111317)   524.72052 (17111317)   510.41869 (17111317)
499.65408 (17111317)
 4191105.2 | 503.50442 (17111317)   488.69803 (17111317)   474.78858 (17111317)   461.89471 (17111317)
449.89895 (17111317)
 4191085.2 | 431.09271 (17111317)   421.40702 (17111317)   412.19898 (17111317)   403.41352 (17111317)
395.03264 (17111317)
 4191065.2 | 343.38946 (17111317)   339.13865 (17111317)   334.92818 (17111317)   330.82848 (17111317)
326.70090 (17111317)
 4191045.2 | 304.86356 (13121217)   278.29090 (13121217)   255.77926 (15010807)   261.19127 (14010617)
270.79770 (14010617)
 4191025.2 | 275.49287 (13121217)   270.84641 (13121217)   237.31253 (15010807)   228.59766 (14010617)
237.86109 (14010617)
 4191005.2 | 254.28118 (13121217)   257.58572 (13121217)   217.77883 (15010807)   217.92201 (15010807)
209.84827 (14010617)
 4190985.2 | 239.62341 (15012807)   242.64236 (13121217)   219.60417 (13121217)   205.66628 (15010807)
191.86550 (15010807)
 4190965.2 | 229.05275 (15012807)   229.04475 (13121217)   219.11500 (13121217)   191.49434 (15010807)
192.07169 (15010807)
 4190945.2 | 217.98443 (15012807)   214.75433 (13121217)   213.00467 (13121217)   178.37458 (13121217)
183.66614 (15010807)
 4190925.2 | 207.18824 (15012807)   201.08920 (13121217)   204.25344 (13121217)   184.92317 (13121217)
172.44934 (15010807)
 4190905.2 | 197.04464 (15012807)   188.60550 (13121217)   194.13170 (13121217)   185.05499 (13121217)
160.96250 (15010807)
 4190885.2 | 187.55006 (15012807)   178.34693 (15012807)   183.93686 (13121217)   181.43798 (13121217)
155.04560 (13121217)
 4190865.2 | 178.67750 (15012807)   173.13929 (15012807)   174.13280 (13121217)   175.75142 (13121217)
159.82545 (13121217)
 4190845.2 | 170.63560 (15012807)   167.83824 (15012807)   165.14020 (13121217)   169.19259 (13121217)
160.91987 (13121217)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: UNIPM
***
                               INCLUDING SOURCE(S):   UNIPM   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 561117.30   561137.30   561157.30   561177.30
561197.30
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- - - - - - - -

 4190825.2 | 162.91473 (15012807)   162.07036 (15012807)   156.07879 (13121217)   161.52042 (13121217)
158.61310 (13121217)
 4190805.2 | 155.56798 (13112107)   156.38574 (15012807)   149.11578 (15010907)   154.03143 (13121217)
154.68601 (13121217)
 4190785.2 | 149.30416 (13112107)   150.82994 (15012807)   143.67630 (15010907)   146.70625 (13121217)
149.67179 (13121217)
 4190765.2 | 143.40819 (13112107)   145.41061 (15012807)   140.36620 (15012807)   139.67201 (13121217)
144.05126 (13121217)
 4190745.2 | 137.85312 (13112107)   140.16073 (15012807)   137.14680 (15012807)   132.99546 (13121217)
138.20256 (13121217)
 4190725.2 | 132.61641 (13112107)   135.10826 (15012807)   133.71728 (15012807)   129.04298 (15010907)
132.35617 (13121217)
 4190705.2 | 127.68192 (13112107)   130.71178 (13112107)   130.16262 (15012807)   125.25384 (15010907)
126.61322 (13121217)
 4190685.2 | 123.02790 (13112107)   126.57294 (13112107)   126.53699 (15012807)   121.31031 (15010907)
121.09080 (13121217)
 4190665.2 | 118.64111 (13112107)   122.55730 (13112107)   122.90792 (15012807)   118.67517 (15012807)
116.43831 (15010907)
 4190645.2 | 114.50740 (13112107)   118.67537 (13112107)   119.32035 (15012807)   116.57697 (15012807)
113.96153 (15010907)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: UNIPM
***
                               INCLUDING SOURCE(S):   UNIPM   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 561217.30   561237.30   561257.30   561277.30
561297.30
 -
- - - - - - - -

 4191625.2 | 231.51597 (16122217)   245.94481 (16120517)   252.73351 (16120517)   249.54740 (16120517)
264.34710 (14012907)
 4191605.2 | 256.17346 (16120517)   261.24964 (16120517)   256.53772 (14012907)   278.01538 (14012907)
290.87662 (14012907)
 4191585.2 | 269.97557 (16120517)   271.85127 (14012907)   292.17585 (14012907)   303.01115 (14012907)
304.50403 (14012907)
 4191565.2 | 287.95671 (14012907)   306.86780 (14012907)   315.28623 (14012907)   314.00689 (14012907)
305.97514 (14012907)
 4191545.2 | 322.08711 (14012907)   327.47993 (14012907)   323.31731 (14012907)   312.93332 (14012907)
301.04573 (14010709)
 4191525.2 | 339.63927 (14012907)   332.39503 (14012907)   319.84978 (14012907)   314.76707 (14010709)
311.88921 (14010709)
 4191505.2 | 341.21605 (14012907)   326.59974 (14012907)   327.23787 (14010709)   319.85413 (14010709)
338.16027 (13011717)
 4191485.2 | 341.43217 (14010709)   338.94470 (14010709)   337.12183 (13011717)   376.45329 (13011717)
405.79120 (13011717)
 4191465.2 | 348.83868 (14010709)   380.65195 (13011717)   415.32197 (13011717)   437.64180 (13011717)
447.66522 (13011717)
 4191445.2 | 422.22779 (13011717)   450.63132 (13011717)   464.97635 (13011717)   465.95047 (13011717)
456.98994 (13011717)
 4191425.2 | 483.63487 (13011717)   489.25934 (13011717)   481.91422 (13011717)   466.35799 (13011717)
449.70643 (13011717)
 4191405.2 | 507.83217 (13011717)   497.21289 (13011717)   476.57168 (13011717)   458.04832 (13011717)
446.58181 (13011717)
 4191385.2 | 511.07349 (13011717)   488.08201 (13011717)   479.68953 (13011717)   474.06888 (13011717)

475.06760 (13011717)
 4191365.2 | 509.90249 (13011717)   497.06551 (13011717)   504.91203 (13011717)   513.86281 (13011717)
573.71355 (13121117)
 4191345.2 | 533.64847 (13011717)   562.31114 (13121117)   638.74773 (13121117)   705.99439 (13121117)
761.19253 (13121117)
 4191325.2 | 710.30451 (13121117)   786.37490 (13121117)   845.61539 (13121117)   883.09623 (13121117)
914.40568 (14121317)
 4191305.2 | 938.98903 (13121117)   991.37260 (14121317)   1093.64744 (14121317)   1149.28952 (14121317)
1147.50578 (14121317)
 4191285.2 | 1326.35215 (14121317)   1356.52119 (14121317)   1320.26876 (14121317)   1258.28819 (13010717)
1187.76442 (13010717)
 4191265.2 | 1488.56004 (13010717)   1427.30971 (13010717)   1213.12707 (13010717)   1013.81888 (13010717)
817.82495 (13010717)
 4191245.2 | 1115.72873 (13010717)   1052.59550 (14122717)   930.27406 (14122717)   892.59470 (14091907)
903.41430 (14091907)
 4191225.2 | 1194.14430 (14091907)   1122.85744 (14091907)   960.16501 (14091907)   844.48781 (14091907)
748.90974 (14091907)
 4191205.2 | 1004.76908 (13020407)   918.79144 (13020407)   838.14344 (13020407)   760.14744 (13020407)
692.75701 (13020407)
 4191185.2 | 913.50241 (17111317)   820.37718 (17111317)   735.58667 (17111317)   671.38026 (13121617)
625.60460 (13121617)
 4191165.2 | 757.66932 (17111317)   729.43186 (17111317)   674.89944 (17111317)   643.04004 (17111317)
624.96107 (17111317)
 4191145.2 | 569.55166 (17111317)   551.28016 (17111317)   524.61170 (17111317)   522.45390 (17111317)
523.36341 (17111317)
 4191125.2 | 484.17804 (17111317)   468.53846 (17111317)   453.98624 (17111317)   448.78635 (17111317)
445.08488 (17111317)
 4191105.2 | 436.61220 (17111317)   424.18876 (17111317)   417.48718 (17111317)   409.18564 (17111317)
400.78267 (17111317)
 4191085.2 | 386.78599 (17111317)   378.54193 (17111317)   371.93137 (17111317)   365.30658 (17111317)
358.87292 (17111317)
 4191065.2 | 322.68755 (17111317)   318.72182 (17111317)   314.74533 (17111317)   310.92095 (17111317)
307.31303 (17111317)
 4191045.2 | 279.67368 (14010617)   283.09209 (14010617)   266.62313 (14010617)   268.85740 (13112317)
266.12421 (13112317)
 4191025.2 | 247.10971 (14010617)   255.58043 (14010617)   259.20474 (14010617)   248.01115 (14010617)
243.50284 (13112317)
 4191005.2 | 219.05033 (14010617)   228.37137 (14010617)   236.42788 (14010617)   240.91281 (14010617)
232.44219 (14010617)
 4190985.2 | 195.16267 (14010617)   203.99063 (14010617)   212.36764 (14010617)   220.11564 (14010617)
224.06429 (14010617)
 4190965.2 | 175.80785 (14010617)   182.31476 (14010617)   189.77533 (14010617)   197.65053 (14010617)
204.98563 (14010617)
 4190945.2 | 172.49217 (15010807)   165.89334 (15012808)   170.79997 (14010617)   177.53312 (14010617)
184.93641 (14010617)
 4190925.2 | 171.97736 (15010807)   160.21767 (15012808)   157.88135 (15012808)   160.70411 (14010617)
166.89511 (14010617)
 4190905.2 | 164.72785 (15010807)   155.05445 (15010807)   152.57470 (15012808)   150.70624 (15012808)
151.94125 (14010617)
 4190885.2 | 155.84049 (15010807)   154.91074 (15010807)   147.70992 (13112317)   145.62147 (15012808)
144.10049 (15012808)
 4190865.2 | 147.59878 (13112317)   150.26880 (15010807)   143.87294 (13112317)   141.87641 (13112317)
139.87197 (13112317)
 4190845.2 | 146.54879 (17111317)   143.49933 (17111317)   141.81763 (15010807)   138.05595 (13112317)
136.20496 (13112317)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: UNIPM
***
                                INCLUDING SOURCE(S):   UNIPM   ,

                                 *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10   IN MICROGRAMS/M**3   **

Y-COORD | X-COORD (METERS)
(METERS) | 561217.30   561237.30   561257.30   561277.30
561297.30
- -

4190825.2 | 145.74528 (17111317)   143.24904 (17111317)   140.91833 (17111317)   138.34300 (17111317)
135.85957 (17111317)
4190805.2 | 141.54517 (13121217)   134.38317 (17111317)   132.75518 (17111317)   131.18224 (17111317)
129.48569 (17111317)
4190785.2 | 142.40608 (13121217)   124.42916 (13112317)   124.84101 (13112317)   127.17639 (15010807)
124.73611 (13112317)
4190765.2 | 141.11509 (13121217)   124.41895 (13121217)   118.80612 (14010617)   121.97457 (15010807)
121.50544 (15010807)
4190745.2 | 138.31895 (13121217)   127.44417 (13121217)   116.58394 (14010617)   116.08826 (15010807)
118.42010 (15010807)
4190725.2 | 134.56024 (13121217)   128.26608 (13121217)   114.20322 (14010617)   112.98525 (14010617)
113.73931 (15010807)
4190705.2 | 130.17918 (13121217)   127.41836 (13121217)   113.66231 (13121217)   110.79666 (14010617)
109.60854 (14010617)
4190685.2 | 125.48183 (13121217)   125.31797 (13121217)   116.16113 (13121217)   108.24012 (14010617)
107.50492 (14010617)
4190665.2 | 120.71273 (13121217)   122.35361 (13121217)   116.93624 (13121217)   105.34377 (14010617)
105.07980 (14010617)
4190645.2 | 115.93223 (13121217)   118.86198 (13121217)   116.31725 (13121217)   104.90354 (13121217)
102.26869 (14010617)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: UNIPM
***
INCLUDING SOURCE(S):   UNIPM   ,

*** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10   IN MICROGRAMS/M**3   **

Y-COORD | X-COORD (METERS)
(METERS) | 561317.30   561337.30   561357.30   561377.30
561397.30
- -

4191625.2 | 278.82538 (14012907)   284.41270 (14012907)   282.63315 (14012907)   276.40264 (14012907)
267.17587 (14012907)
4191605.2 | 294.83553 (14012907)   290.91025 (14012907)   281.92924 (14012907)   271.63619 (14012907)
271.54821 (14010709)
4191585.2 | 298.87869 (14012907)   288.28537 (14012907)   279.31954 (14010709)   280.20799 (14010709)
274.16575 (14010709)
4191565.2 | 294.62261 (14012907)   291.52738 (14010709)   287.78305 (14010709)   278.85483 (14010709)
303.13410 (13011717)
4191545.2 | 302.67622 (14010709)   295.21602 (14010709)   302.08726 (13011717)   333.77840 (13011717)
357.61343 (13011717)
4191525.2 | 301.77457 (14010709)   336.76130 (13011717)   364.19091 (13011717)   383.15914 (13011717)
392.41815 (13011717)
4191505.2 | 372.03272 (13011717)   394.74028 (13011717)   406.46143 (13011717)   409.50484 (13011717)
404.94942 (13011717)
4191485.2 | 422.67490 (13011717)   428.45887 (13011717)   424.85720 (13011717)   414.98767 (13011717)
402.77624 (13011717)
4191465.2 | 444.93678 (13011717)   437.39606 (13011717)   426.16441 (13011717)   410.68873 (13011717)
398.88039 (13011717)
4191445.2 | 447.47816 (13011717)   434.17435 (13011717)   422.23268 (13011717)   410.51513 (13011717)

401.35729 (13011717)
 4191425.2 | 441.67542 (13011717)   433.41808 (13011717)   426.92362 (13011717)   416.10861 (13011717)
392.89076 (13011717)
 4191405.2 | 445.42512 (13011717)   443.58363 (13011717)   430.54356 (13011717)   464.69710 (13121117)
520.74562 (13121117)
 4191385.2 | 473.90798 (13011717)   516.41938 (13121117)   576.10220 (13121117)   625.62406 (13121117)
658.03769 (13121117)
 4191365.2 | 637.20434 (13121117)   689.33201 (13121117)   724.07420 (13121117)   733.33668 (13121117)
717.20613 (14121317)
 4191345.2 | 796.63915 (13121117)   801.25211 (13121117)   834.38860 (14121317)   868.43872 (14121317)
869.57024 (14121317)
 4191325.2 | 974.48985 (14121317)   996.48536 (14121317)   978.01041 (14121317)   924.54906 (14121317)
903.61964 (13010717)
 4191305.2 | 1092.21784 (14121317)   1056.46314 (13010717)   1008.06684 (13010717)   919.05168 (13010717)
804.54538 (13010717)
 4191285.2 | 1060.84248 (13010717)   906.64861 (13010717)   750.43477 (13010717)   629.08727 (14122717)
634.31028 (14122717)
 4191265.2 | 796.36513 (14122717)   760.41111 (14122717)   701.62362 (14122717)   667.62660 (14091907)
674.62063 (14091907)
 4191245.2 | 872.81086 (14091907)   838.73997 (14091907)   791.02730 (14091907)   729.29514 (14091907)
665.39259 (14091907)
 4191225.2 | 671.24586 (14091907)   662.91903 (13020407)   655.18153 (13020407)   631.84407 (13020407)
604.30624 (13020407)
 4191205.2 | 670.98075 (13020407)   656.22327 (13020407)   634.01803 (13020407)   597.56617 (13020407)
561.39148 (13020407)
 4191185.2 | 613.27593 (13121617)   618.48034 (13121617)   611.77064 (13121617)   587.78970 (13121617)
560.76702 (13121617)
 4191165.2 | 602.54433 (17111317)   600.55074 (17111317)   591.83491 (17111317)   567.81965 (17111317)
539.18546 (17111317)
 4191145.2 | 511.43082 (17111317)   513.06006 (17111317)   513.95860 (17111317)   508.22951 (17111317)
496.83573 (17111317)
 4191125.2 | 435.63256 (17111317)   431.55538 (17111317)   429.88502 (17111317)   427.03291 (17111317)
421.35691 (17111317)
 4191105.2 | 393.02649 (17111317)   385.82711 (17111317)   379.98954 (17111317)   375.97196 (17111317)
370.22107 (17111317)
 4191085.2 | 353.62060 (17111317)   347.22026 (17111317)   341.24634 (17111317)   337.51985 (17111317)
332.44011 (17111317)
 4191065.2 | 304.67629 (17111317)   300.95062 (17111317)   297.21366 (17111317)   294.55680 (17111317)
291.18676 (17111317)
 4191045.2 | 252.11223 (13112317)   246.48948 (17111317)   245.27256 (17111317)   244.35334 (17111317)
242.98786 (17111317)
 4191025.2 | 244.49109 (13112317)   237.27197 (13112317)   222.40847 (15012808)   214.34426 (15012808)
200.93258 (15012808)
 4191005.2 | 221.38032 (13112317)   224.24643 (13112317)   221.67230 (13112317)   211.66095 (13112317)
201.69183 (15012808)
 4190985.2 | 217.54581 (14010617)   202.40889 (13112317)   206.22284 (13112317)   206.65839 (13112317)
201.31895 (13112317)
 4190965.2 | 209.09384 (14010617)   204.49466 (14010617)   186.34652 (13112317)   190.58955 (13112317)
192.44942 (13112317)
 4190945.2 | 191.87551 (14010617)   196.03047 (14010617)   193.01586 (14010617)   178.32978 (14010617)
176.76187 (13112317)
 4190925.2 | 173.78355 (14010617)   180.35819 (14010617)   184.59141 (14010617)   183.00839 (14010617)
171.02351 (14010617)
 4190905.2 | 157.58090 (14010617)   163.94936 (14010617)   170.15306 (14010617)   174.41997 (14010617)
173.60398 (14010617)
 4190885.2 | 144.24313 (14010617)   149.34410 (14010617)   155.22310 (14010617)   161.04443 (14010617)
165.37911 (14010617)
 4190865.2 | 138.01859 (13112317)   137.42388 (14010617)   141.98704 (14010617)   147.43844 (14010617)
153.08121 (14010617)
 4190845.2 | 134.80987 (13112317)   133.12494 (13112317)   131.43675 (13112317)   135.45464 (14010617)
140.61280 (14010617)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

Y-COORD (METERS)	X-COORD (METERS)				
	561317.30	561337.30	561357.30	561377.30	561397.30
4190825.2	133.88391 (17111317)	131.77287 (17111317)	129.69873 (17111317)	127.52406 (17111317)	129.71369 (14010617)
4190805.2	127.78238 (13112317)	126.76055 (13112317)	125.69575 (13112317)	124.31916 (13112317)	123.01415 (13112317)
4190785.2	124.26964 (13112317)	123.41753 (13112317)	122.18413 (13112317)	121.36610 (13112317)	120.37868 (13112317)
4190765.2	119.85266 (13112317)	119.56815 (13112317)	118.75730 (13112317)	118.18787 (13112317)	117.52719 (13112317)
4190745.2	114.80105 (13112317)	115.11592 (13112317)	115.06794 (13112317)	114.67901 (13112317)	114.35551 (13112317)
4190725.2	113.11451 (15010807)	109.74093 (13112317)	110.31886 (13112317)	110.74252 (13112317)	110.79994 (13112317)
4190705.2	110.45378 (15010807)	106.34741 (14010617)	105.10938 (13112317)	106.08264 (13112317)	106.64812 (13112317)
4190685.2	106.80315 (15010807)	106.27934 (15010807)	103.43309 (14010617)	102.45760 (14010617)	101.89767 (13112317)
4190665.2	104.48272 (14010617)	104.19011 (15010807)	102.30091 (14010617)	100.89763 (14010617)	99.87178 (14010617)
4190645.2	102.13694 (14010617)	101.61045 (14010617)	100.74506 (14010617)	99.60192 (14010617)	98.54416 (14010617)

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
560122.00	4190978.00	342.50933	(14010608)	560142.00	4190978.00	347.07863	(14010608)
560162.00	4190978.00	348.30180	(14010608)	560182.00	4190978.00	361.86646	(15010507)
560202.00	4190978.00	376.94606	(15010507)	560222.00	4190978.00	439.36679	(15012009)
560242.00	4190978.00	474.59845	(15012009)	560262.00	4190978.00	479.55307	(17122807)
560102.00	4190998.00	333.93605	(14012208)	560122.00	4190998.00	344.99711	(14010608)
560142.00	4190998.00	364.02504	(14010608)	560162.00	4190998.00	381.66556	(14010608)
560182.00	4190998.00	397.18119	(14010608)	560202.00	4190998.00	409.70973	(14010608)
560222.00	4190998.00	418.63097	(14010608)	560242.00	4190998.00	422.97425	

(14010608)
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(14021508)
560302.00 4190998.00 496.41799 (17122807) 560322.00 4190998.00 565.82716
(17122807)
560102.00 4191018.00 332.63998 (14012208) 560122.00 4191018.00 349.26930
(14012208)
560142.00 4191018.00 365.89299 (14012208) 560162.00 4191018.00 382.12139
(14012208)
560182.00 4191018.00 397.72115 (14012208) 560202.00 4191018.00 412.27878
(14012208)
560222.00 4191018.00 429.18057 (14010608) 560242.00 4191018.00 456.97054
(14010608)
560262.00 4191018.00 482.67133 (14010608) 560282.00 4191018.00 504.95537
(14010608)
560302.00 4191018.00 522.29574 (14010608) 560322.00 4191018.00 533.31626
(14010608)
560342.00 4191018.00 535.77153 (14010608) 560362.00 4191018.00 587.69099
(17122807)
560382.00 4191018.00 687.77755 (17122807) 560402.00 4191018.00 811.99343
(13121309)
560102.00 4191038.00 343.77500 (15032607) 560122.00 4191038.00 354.69374
(15032607)
560142.00 4191038.00 365.61702 (15032607) 560162.00 4191038.00 376.52091
(15032607)
560182.00 4191038.00 387.05814 (15032607) 560202.00 4191038.00 404.74878
(14011808)
560222.00 4191038.00 426.33359 (14012208) 560242.00 4191038.00 453.03367
(14012208)
560262.00 4191038.00 480.05447 (14012208) 560282.00 4191038.00 507.05230
(14012208)
560302.00 4191038.00 533.38142 (14012208) 560322.00 4191038.00 561.42740
(14010608)
560342.00 4191038.00 606.76767 (14010608) 560362.00 4191038.00 648.98922
(14010608)
560382.00 4191038.00 685.32086 (14010608) 560402.00 4191038.00 712.06359
(14010608)
560422.00 4191038.00 725.41039 (14010608) 560442.00 4191038.00 878.98674
(17122807)
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560102.00 4191058.00 331.10025 (15032607) 560122.00 4191058.00 346.70309
(15032607)
560142.00 4191058.00 363.09624 (15032607) 560162.00 4191058.00 380.30671
(15032607)
560182.00 4191058.00 398.25146 (15032607) 560202.00 4191058.00 417.10051
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560222.00 4191058.00 436.83371 (15032607) 560242.00 4191058.00 457.47414
(15032607)
560262.00 4191058.00 478.93314 (15032607) 560282.00 4191058.00 501.27288
(15032607)
560302.00 4191058.00 524.38820 (15032607) 560322.00 4191058.00 548.44427
(15032607)
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(14012208)
560382.00 4191058.00 688.41455 (14012208) 560402.00 4191058.00 744.76789
(14012208)
560422.00 4191058.00 802.35987 (14012208) 560442.00 4191058.00 893.20992
(14010608)
560462.00 4191058.00 982.65214 (14010608) 560082.00 4191078.00 302.39057
(13030108)
560102.00 4191078.00 311.40023 (13030108) 560122.00 4191078.00 320.81827
(13030108)
560142.00 4191078.00 330.97603 (13030108) 560162.00 4191078.00 341.61456
(13030108)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: UNIPM ***

INCLUDING SOURCE(S): UNIPM ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
560182.00	4191078.00	353.07118	(13030108)	560202.00	4191078.00	371.41546	(15032607)
560222.00	4191078.00	393.77965	(15032607)	560242.00	4191078.00	418.01600	(15032607)
560262.00	4191078.00	444.11266	(15032607)	560282.00	4191078.00	472.65309	(15032607)
560302.00	4191078.00	503.81462	(15032607)	560322.00	4191078.00	537.84219	(15032607)
560342.00	4191078.00	575.43423	(15032607)	560362.00	4191078.00	617.25935	(15032607)
560382.00	4191078.00	664.21496	(15032607)	560402.00	4191078.00	717.16508	(15032607)
560422.00	4191078.00	777.93075	(15032607)	560442.00	4191078.00	848.54983	(15032607)
560462.00	4191078.00	931.68422	(15032607)	560482.00	4191078.00	1052.81415	(14012208)
560502.00	4191078.00	1227.83902	(14012208)	560082.00	4191098.00	301.23849	(13030108)
560102.00	4191098.00	311.34172	(13030108)	560122.00	4191098.00	322.03951	(13030108)
560142.00	4191098.00	333.55082	(13030108)	560162.00	4191098.00	345.63578	(13030108)
560182.00	4191098.00	358.59407	(13030108)	560202.00	4191098.00	372.60071	(13030108)
560222.00	4191098.00	387.44508	(13030108)	560242.00	4191098.00	403.72567	(13030108)
560262.00	4191098.00	421.11948	(13030108)	560282.00	4191098.00	440.25220	(13030108)
560302.00	4191098.00	461.07647	(13030108)	560322.00	4191098.00	484.14035	(13030108)
560342.00	4191098.00	509.80729	(13030108)	560362.00	4191098.00	538.47339	(13030108)
560382.00	4191098.00	571.08043	(13030108)	560402.00	4191098.00	608.31065	(13030108)
560422.00	4191098.00	651.69571	(13030108)	560442.00	4191098.00	703.00109	(13030108)
560462.00	4191098.00	774.91689	(15032607)	560482.00	4191098.00	863.90613	(15032607)
560502.00	4191098.00	976.04420	(15032607)	560522.00	4191098.00	1126.44747	(15032607)
560062.00	4191118.00	262.84695	(13030108)	560082.00	4191118.00	271.71105	(13030108)
560102.00	4191118.00	280.89301	(13030108)	560122.00	4191118.00	290.73282	(13030108)
560142.00	4191118.00	301.17657	(13030108)	560162.00	4191118.00	312.17069	(13030108)
560182.00	4191118.00	323.91475	(13030108)	560202.00	4191118.00	336.36579	(13030108)
560222.00	4191118.00	349.54175	(13030108)	560242.00	4191118.00	363.75544	(13030108)
560262.00	4191118.00	378.86083	(13030108)	560282.00	4191118.00	395.10746	(13030108)
560302.00	4191118.00	412.59410	(13030108)	560322.00	4191118.00	431.48589	

(13030108)
560342.00 4191118.00 451.98377 (13030108) 560362.00 4191118.00 474.26033
(13030108)
560382.00 4191118.00 498.56204 (13030108) 560402.00 4191118.00 525.36070
(13030108)
560422.00 4191118.00 554.78710 (13030108) 560442.00 4191118.00 587.79013
(13030108)
560462.00 4191118.00 624.52278 (13030108) 560482.00 4191118.00 666.30727
(13030108)
560502.00 4191118.00 714.17599 (13030108) 560522.00 4191118.00 771.49056
(13030108)
560062.00 4191138.00 233.74709 (14122907) 560082.00 4191138.00 240.33584
(14122907)
560102.00 4191138.00 247.18280 (14122907) 560122.00 4191138.00 254.51244
(14122907)
560142.00 4191138.00 262.25440 (14122907) 560162.00 4191138.00 270.32063
(14122907)
560182.00 4191138.00 278.77023 (14122907) 560202.00 4191138.00 287.78694
(14122907)
560222.00 4191138.00 297.29695 (14122907) 560242.00 4191138.00 307.27168
(14122907)
560262.00 4191138.00 317.94479 (14122907) 560282.00 4191138.00 329.23376
(14122907)
560302.00 4191138.00 341.18345 (14122907) 560322.00 4191138.00 353.83932
(14122907)
560342.00 4191138.00 367.41448 (14122907) 560362.00 4191138.00 383.21401
(13030108)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: UNIPM
***
INCLUDING SOURCE(S): UNIPM ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M) Y-COORD (M) CONC (YYMMDDHH) X-COORD (M) Y-COORD (M) CONC
(YYMMDDHH)
- -
- - - - - - - -
560382.00 4191138.00 400.81633 (13030108) 560402.00 4191138.00 419.91733
(13030108)
560422.00 4191138.00 440.62774 (13030108) 560442.00 4191138.00 463.16395
(13030108)
560462.00 4191138.00 487.89022 (13030108) 560482.00 4191138.00 514.92412
(13030108)
560502.00 4191138.00 544.99853 (13030108) 560062.00 4191158.00 219.17251
(14020107)
560082.00 4191158.00 224.51693 (14020107) 560102.00 4191158.00 230.02990
(14020107)
560122.00 4191158.00 235.75243 (14020107) 560142.00 4191158.00 241.74327
(14020107)
560162.00 4191158.00 247.88023 (14020107) 560182.00 4191158.00 254.37770
(14020107)
560202.00 4191158.00 261.00670 (14020107) 560222.00 4191158.00 268.03844
(14020107)
560242.00 4191158.00 275.37484 (14020107) 560262.00 4191158.00 282.88845
(14020107)
560282.00 4191158.00 290.91763 (14020107) 560302.00 4191158.00 299.21710
(14020107)
560322.00 4191158.00 308.05239 (14020107) 560342.00 4191158.00 317.30177
(14020107)

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        560362.00   4191158.00      327.08576  (14020107)              560382.00   4191158.00      337.39745
(14020107)
        560402.00   4191158.00      348.45290  (14020107)              560422.00   4191158.00      360.33876
(14020107)
        560442.00   4191158.00      372.96449  (14020107)              560462.00   4191158.00      386.73817
(14020107)
        560482.00   4191158.00      401.48858  (14020107)              560502.00   4191158.00      417.99494
(14020107)
        560062.00   4191178.00      202.09625  (14010708)              560082.00   4191178.00      206.04283
(14010708)
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(14010708)
        560142.00   4191178.00      218.75960  (14010708)              560162.00   4191178.00      223.27451
(14010708)
        560182.00   4191178.00      227.96501  (14010708)              560202.00   4191178.00      232.74882
(14010708)
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(14010708)
        560322.00   4191178.00      266.37249  (14010708)              560342.00   4191178.00      272.93956
(14010708)
        560362.00   4191178.00      279.92850  (14010708)              560382.00   4191178.00      287.36832
(14010708)
        560402.00   4191178.00      295.21283  (14010708)              560422.00   4191178.00      303.55333
(14020107)
        560442.00   4191178.00      313.12165  (14020107)              560462.00   4191178.00      323.37670
(14020107)
        560482.00   4191178.00      334.46522  (14020107)              560502.00   4191178.00      351.07802
(13032907)
        560062.00   4191198.00      180.20346  (14010708)              560082.00   4191198.00      183.13015
(14010708)
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(14010708)
        560142.00   4191198.00      192.54789  (14010708)              560162.00   4191198.00      195.96747
(14010708)
        560182.00   4191198.00      199.42228  (14010708)              560202.00   4191198.00      203.07756
(14010708)
        560222.00   4191198.00      206.80627  (13012607)              560362.00   4191198.00      254.42310
(13012607)
        560382.00   4191198.00      260.79775  (13012607)              560402.00   4191198.00      267.24737
(13012607)
        560422.00   4191198.00      273.59123  (13012607)              560442.00   4191198.00      280.04783
(13012607)
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(13012607)
        560042.00   4191218.00      151.43793  (14010708)              560062.00   4191218.00      156.69052
(13012607)
        560082.00   4191218.00      163.11891  (13012607)              560102.00   4191218.00      169.53969
(13012607)
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(13012607)
        560162.00   4191218.00      187.82121  (13012607)              560182.00   4191218.00      193.57513
(13012607)
        560202.00   4191218.00      198.96670  (13012607)              560222.00   4191218.00      204.28193
(13012607)
        560342.00   4191218.00      232.51709  (13012607)              560362.00   4191218.00      237.07256
(13012607)
        560382.00   4191218.00      241.50295  (13012607)              560402.00   4191218.00      246.12664
(13012607)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

PAGE  1456
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

                            *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  UNIPM
***
                                INCLUDING SOURCE(S):     UNIPM       ,
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
560422.00	4191218.00	250.83188	(13012607)	560442.00	4191218.00	255.72356	(13012607)
560462.00	4191218.00	260.89373	(13012607)	560482.00	4191218.00	289.73541	(13032907)
560082.00	4191238.00	167.92652	(13012607)	560102.00	4191238.00	172.65069	(13012607)
560122.00	4191238.00	177.17981	(13012607)	560142.00	4191238.00	181.45358	(13012607)
560162.00	4191238.00	185.57708	(13012607)	560182.00	4191238.00	189.55968	(13012607)
560202.00	4191238.00	193.36716	(13012607)	560222.00	4191238.00	196.91900	(13012607)
560342.00	4191238.00	217.64801	(13012607)	560362.00	4191238.00	221.08989	(13012607)
560382.00	4191238.00	224.76600	(13012607)	560402.00	4191238.00	228.65461	(13012607)
560422.00	4191238.00	232.75265	(13012607)	560442.00	4191238.00	237.02489	(13012607)
560462.00	4191238.00	253.44728	(13032907)	560182.00	4191258.00	182.52731	(13012607)
560202.00	4191258.00	185.27492	(13012607)	560322.00	4191258.00	201.79173	(13012607)
560342.00	4191258.00	204.80984	(13012607)	560362.00	4191258.00	207.87226	(13012607)
560382.00	4191258.00	211.11911	(13012607)	560402.00	4191258.00	214.63720	(13012607)
560422.00	4191258.00	218.45765	(13012607)	560442.00	4191258.00	222.93515	(13032907)
560462.00	4191258.00	233.60427	(13032907)	560322.00	4191278.00	190.54775	(13012607)
560342.00	4191278.00	193.13878	(13012607)	560362.00	4191278.00	195.87746	(13012607)
560382.00	4191278.00	198.72405	(13012607)	560402.00	4191278.00	201.75520	(13012607)
560422.00	4191278.00	204.93708	(13012607)	560442.00	4191278.00	214.43478	(13032907)
559982.00	4191298.00	147.60498	(13012607)	560002.00	4191298.00	149.66250	(13012607)
560022.00	4191298.00	151.69358	(13012607)	560042.00	4191298.00	153.63108	(13012607)
560062.00	4191298.00	155.53515	(13012607)	560302.00	4191298.00	176.77271	(13012607)
560322.00	4191298.00	178.63867	(13012607)	560342.00	4191298.00	180.60308	(13012607)
560362.00	4191298.00	182.53707	(13012607)	560382.00	4191298.00	184.63396	(15032407)
560402.00	4191298.00	186.72476	(15032407)	560422.00	4191298.00	196.28086	(13032907)
560442.00	4191298.00	198.01301	(13011808)	559962.00	4191318.00	141.66274	(13012607)
559982.00	4191318.00	143.21268	(13012607)	560002.00	4191318.00	144.69251	(13012607)
560022.00	4191318.00	146.16654	(13012607)	560042.00	4191318.00	147.51065	(13012607)
560062.00	4191318.00	148.93550	(13012607)	560082.00	4191318.00	150.15925	(13012607)
560102.00	4191318.00	151.47831	(13012607)	560122.00	4191318.00	152.67989	(13012607)
560142.00	4191318.00	153.95314	(13012607)	560162.00	4191318.00	155.17420	(13012607)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: UNIPM ***

INCLUDING SOURCE(S): UNIPM ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
560222.00	4191338.00	153.10223	(15032407)	560242.00	4191338.00	155.01817	(15032407)
560302.00	4191338.00	160.21013	(15032407)	560322.00	4191338.00	161.75557	(15032407)
560342.00	4191338.00	163.31582	(15032407)	560362.00	4191338.00	164.85906	(15032407)
560382.00	4191338.00	166.55967	(15032407)	560402.00	4191338.00	169.96558	(13032907)
560422.00	4191338.00	171.47521	(13011808)	559962.00	4191358.00	128.90204	(13012607)
559982.00	4191358.00	129.49471	(13012607)	560002.00	4191358.00	129.89813	(13012607)
560022.00	4191358.00	130.36759	(13012607)	560042.00	4191358.00	130.65172	(13012607)
560062.00	4191358.00	130.95251	(13012607)	560082.00	4191358.00	132.51937	(15032407)
560102.00	4191358.00	135.51886	(15032407)	560122.00	4191358.00	138.14801	(15032407)
560142.00	4191358.00	140.50481	(15032407)	560162.00	4191358.00	142.57580	(15032407)
560182.00	4191358.00	144.43459	(15032407)	560202.00	4191358.00	146.16337	(15032407)
560222.00	4191358.00	147.79559	(15032407)	560242.00	4191358.00	149.35426	(15032407)
560262.00	4191358.00	150.78067	(15032407)	560282.00	4191358.00	152.18112	(15032407)
560302.00	4191358.00	153.50327	(15032407)	560322.00	4191358.00	155.00666	(15032407)
560342.00	4191358.00	156.43730	(15032407)	560362.00	4191358.00	158.13335	(15032407)

(15032407)
        560382.00   4191358.00   160.12450 (13032907)   560402.00   4191358.00   162.10815
(15032407)
        559962.00   4191378.00   119.99418 (13012607)   559982.00   4191378.00   120.00049
(13012607)
        560002.00   4191378.00   119.75920 (13012607)   560022.00   4191378.00   122.92153
(15032407)
        560042.00   4191378.00   126.06591 (15032407)   560062.00   4191378.00   128.81426
(15032407)
        560082.00   4191378.00   131.26514 (15032407)   560102.00   4191378.00   133.35561
(15032407)
        560122.00   4191378.00   135.26381 (15032407)   560142.00   4191378.00   136.97756
(15032407)
        560162.00   4191378.00   138.50255 (15032407)   560182.00   4191378.00   139.92594
(15032407)
        560202.00   4191378.00   141.32285 (15032407)   560222.00   4191378.00   142.61043
(15032407)
        560242.00   4191378.00   143.89912 (15032407)   560262.00   4191378.00   145.15282
(15032407)
        560282.00   4191378.00   146.46600 (15032407)   560302.00   4191378.00   147.84595
(15032407)
        560322.00   4191378.00   149.39963 (15032407)   560342.00   4191378.00   151.01713
(15032407)
        559982.00   4191398.00   117.47719 (15032407)   560002.00   4191398.00   120.33623
(15032407)
        560022.00   4191398.00   122.86858 (15032407)   560042.00   4191398.00   125.08309
(15032407)
        560062.00   4191398.00   127.09258 (15032407)   560082.00   4191398.00   128.77175
(15032407)
        560102.00   4191398.00   130.38840 (15032407)   560122.00   4191398.00   131.79763
(15032407)
        560142.00   4191398.00   133.10979 (15032407)   560162.00   4191398.00   134.34264
(15032407)
        560182.00   4191398.00   135.51964 (15032407)   560202.00   4191398.00   136.68496
(15032407)
        560222.00   4191398.00   137.81177 (15032407)   560242.00   4191398.00   139.06451
(15032407)
        560262.00   4191398.00   140.28195 (15032407)   560282.00   4191398.00   141.68244
(15032407)
        559982.00   4191418.00   117.60778 (15032407)   560002.00   4191418.00   119.60878
(15032407)
        560022.00   4191418.00   121.44727 (15032407)   560042.00   4191418.00   123.06492
(15032407)
        560062.00   4191418.00   124.46572 (15032407)   560082.00   4191418.00   125.80197
(15032407)
        560102.00   4191418.00   126.98115 (15032407)   560122.00   4191418.00   128.16550
(15032407)
        560142.00   4191418.00   129.23310 (15032407)   560162.00   4191418.00   130.35514
(15032407)
        560182.00   4191418.00   131.41343 (15032407)   560202.00   4191418.00   132.48268
(15032407)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: UNIPM
***
                                INCLUDING SOURCE(S):   UNIPM   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                       ** CONC OF PM_10   IN MICROGRAMS/M**3   **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC
(YYMMDDHH)

- -

560222.00	4191418.00	133.65537	(15032407)	560242.00	4191418.00	134.77877	(15032407)
560262.00	4191418.00	136.11232	(15032407)	560002.00	4191438.00	117.92760	(15032407)
560022.00	4191438.00	119.21381	(15032407)	560042.00	4191438.00	120.46052	(15032407)
560062.00	4191438.00	121.52645	(15032407)	560082.00	4191438.00	122.59799	(15032407)
560102.00	4191438.00	123.62825	(15032407)	560122.00	4191438.00	124.60472	(15032407)
560142.00	4191438.00	125.63106	(15032407)	560162.00	4191438.00	126.58476	(15032407)
560182.00	4191438.00	127.63079	(15032407)	560202.00	4191438.00	128.65069	(15032407)
560222.00	4191438.00	129.79728	(15032407)	560242.00	4191438.00	130.86550	(15032407)
560262.00	4191438.00	132.17333	(15032407)	560042.00	4191458.00	117.62451	(15032407)
560062.00	4191458.00	118.53665	(15032407)	560082.00	4191458.00	119.43341	(15032407)
560102.00	4191458.00	120.33752	(15032407)	560122.00	4191458.00	121.24657	(15032407)
560142.00	4191458.00	122.15060	(15032407)	560162.00	4191458.00	123.07187	(15032407)
560182.00	4191458.00	123.99911	(15032407)	560202.00	4191458.00	124.91192	(15032407)
560222.00	4191458.00	125.86378	(15032407)	560242.00	4191458.00	126.83053	(15032407)
560262.00	4191458.00	127.64726	(15032407)	560142.00	4191478.00	118.64966	(15032407)
560162.00	4191478.00	119.38133	(15032407)	560182.00	4191478.00	120.07612	(15032407)
560202.00	4191478.00	120.76334	(15032407)	560222.00	4191478.00	121.20295	(15032407)
560242.00	4191478.00	121.52818	(15032407)	560155.00	4190663.00	320.88895	(17021408)
560175.00	4190663.00	301.36252	(13021308)	560115.00	4190683.00	382.04745	(14091607)
560135.00	4190683.00	377.37158	(14091607)	560155.00	4190683.00	355.50567	(14091607)
560175.00	4190683.00	341.34379	(17021408)	560095.00	4190703.00	395.03793	(13110808)
560115.00	4190703.00	395.25101	(14100307)	560135.00	4190703.00	403.02633	(14091607)
560155.00	4190703.00	402.87515	(14091607)	560175.00	4190703.00	382.19109	(14091607)
560095.00	4190723.00	493.30875	(15011209)	560115.00	4190723.00	426.17220	(13110808)
560135.00	4190723.00	420.71386	(14100307)	560155.00	4190723.00	425.24531	(14091607)
560175.00	4190723.00	430.50541	(14091607)	560195.00	4190723.00	412.53414	(14091607)
560095.00	4190743.00	659.50504	(15011209)	560115.00	4190743.00	581.04868	(15011209)
560135.00	4190743.00	501.87612	(15011209)	560155.00	4190743.00	447.78368	(14100307)
560175.00	4190743.00	448.14867	(14091607)	560195.00	4190743.00	460.72853	(14091607)
560075.00	4190763.00	917.20535	(15011209)	560095.00	4190763.00	848.49750	(15011209)
560115.00	4190763.00	771.13789	(15011209)	560135.00	4190763.00	686.89302	(15011209)
560155.00	4190763.00	597.90756	(15011209)	560175.00	4190763.00	509.13892	(15011209)
560195.00	4190763.00	481.90271	(14100307)	560215.00	4190763.00	493.54384	(14091607)
560075.00	4190783.00	1124.65594	(15011209)	560095.00	4190783.00	1056.53449	

(15011209)
        560115.00   4190783.00   984.18083 (15011209)   560135.00   4190783.00   904.15931
(15011209)
        560155.00   4190783.00   814.39042 (15011209)   560175.00   4190783.00   716.12274
(15011209)
        560195.00   4190783.00   613.87614 (15011209)   560215.00   4190783.00   520.56571
(14100307)
        560235.00   4190783.00   529.26830 (14091607)   560075.00   4190803.00   1442.48169
(15011209)
        560095.00   4190803.00   1322.21728 (15011209)   560115.00   4190803.00   1234.04533
(15011209)
        560135.00   4190803.00   1152.41860 (15011209)   560155.00   4190803.00   1066.12120
(15011209)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: UNIPM
***
                                INCLUDING SOURCE(S):   UNIPM   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                       ** CONC OF PM_10   IN MICROGRAMS/M**3   **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC
(YYMMDDHH)
 -
- - - - - - - -
        560175.00   4190803.00   969.18390 (15011209)   560195.00   4190803.00   862.06887
(15011209)
        560215.00   4190803.00   746.26398 (15011209)   560235.00   4190803.00   628.40323
(15011209)
        560255.00   4190803.00   568.35621 (14091607)   560275.00   4190803.00   582.61002
(14091607)
        560075.00   4190823.00   2630.02790 (15011209)   560095.00   4190823.00   1918.50149
(15011209)
        560115.00   4190823.00   1642.21120 (15011209)   560135.00   4190823.00   1495.08129
(15011209)
        560155.00   4190823.00   1378.92477 (15011209)   560175.00   4190823.00   1272.10044
(15011209)
        560195.00   4190823.00   1162.90497 (15011209)   560215.00   4190823.00   1045.07388
(15011209)
        560235.00   4190823.00   916.15992 (15011209)   560255.00   4190823.00   778.21013
(15011209)
        560275.00   4190823.00   639.91408 (15011209)   560295.00   4190823.00   640.94642
(14091607)
        560315.00   4190823.00   617.60299 (14091607)   560115.00   4190843.00   2987.11981
(15011209)
        560135.00   4190843.00   2371.62833 (15011209)   560155.00   4190843.00   1992.33702
(15011209)
        560175.00   4190843.00   1752.28097 (15011209)   560195.00   4190843.00   1575.02486
(15011209)
        560215.00   4190843.00   1426.27889 (15011209)   560235.00   4190843.00   1284.67629
(15011209)
        560255.00   4190843.00   1137.66059 (15011209)   560275.00   4190843.00   978.84228
(15011209)
        560295.00   4190843.00   810.91936 (15011209)   560315.00   4190843.00   708.25427
(14091607)
        560335.00   4190843.00   701.26200 (14091607)   560195.00   4190863.00   2676.86847
(15011209)
        560215.00   4190863.00   2185.36059 (15011209)   560235.00   4190863.00   1866.45340
(15011209)
        560255.00   4190863.00   1639.20571 (15011209)   560275.00   4190863.00   1445.26888
(15011209)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: UNIVERSI ***

INCLUDING SOURCE(S): L0000458 , L0000459 , L0000460 , L0000461 , L0000462 , L0000463 , L0000464 , L0000465 , L0000466 , L0000467 , L0000468 , L0000469 , L0000470 , L0000471 , L0000472 , L0000473 , L0000474 , L0000475 , L0000476 , L0000477 , L0000478 , L0000479 , L0000480 , L0000481 , L0000482 , L0000483 , L0000484 , L0000485 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	559917.30	559937.30	559957.30	559977.30	559997.30
4191625.2	52.82819 (13121108)	53.36960 (13121108)	58.28624 (13040307)	62.21714 (13040307)	64.51518 (13040307)
4191605.2	53.42140 (13121108)	54.12712 (13121108)	58.44450 (13040307)	62.85184 (13040307)	65.48338 (13040307)
4191585.2	53.78261 (13121108)	54.68007 (13121108)	58.51218 (13040307)	63.45222 (13040307)	66.41685 (13040307)
4191565.2	53.86685 (13121108)	54.97423 (13121108)	58.47408 (13040307)	63.97964 (13040307)	67.11947 (13040307)
4191545.2	53.64855 (13121108)	54.97999 (13121108)	58.25829 (13040307)	64.39879 (13040307)	67.81779 (13040307)
4191525.2	53.25565 (15021108)	54.65237 (13121108)	57.82359 (13040307)	64.68127 (13040307)	68.69423 (13040307)
4191505.2	55.14483 (15021108)	55.46822 (15021108)	57.35726 (13040307)	65.04833 (13040307)	69.88213 (13040307)
4191485.2	56.63658 (15021108)	57.18564 (15021108)	57.65109 (15021108)	65.27708 (13040307)	70.85801 (13040307)
4191465.2	57.68787 (15021108)	58.48637 (15021108)	59.19308 (15021108)	65.37785 (13040307)	71.72002 (13040307)
4191445.2	59.13202 (13123007)	59.82700 (13123007)	60.43921 (13123007)	65.52301 (13040307)	72.76248 (13040307)
4191425.2	60.08592 (13123007)	61.06157 (13123007)	61.94784 (13123007)	65.38826 (13040307)	73.63006 (13040307)
4191405.2	62.98386 (16120108)	63.42464 (16120108)	63.76389 (16120108)	64.81232 (13040307)	74.16526 (13040307)
4191385.2	65.16222 (16120108)	65.97385 (16120108)	66.64287 (16120108)	67.19981 (16120108)	74.69042 (13040307)
4191365.2	66.72394 (17112007)	67.62803 (16120108)	68.66459 (16120108)	69.57866 (16120108)	75.06138 (13040307)

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 4191345.2 |     68.91516 (17112007)     70.05428 (17112007)     71.04091 (17112007)     71.92000 (17112007)
75.23923 (13040307)
 4191325.2 |     71.26459 (13111607)     72.28447 (13111607)     73.14444 (13111607)     74.13599 (17112007)
75.43716 (17112007)
 4191305.2 |     73.08178 (13111607)     74.50242 (13111607)     75.82647 (13111607)     77.07278 (13111607)
78.25755 (13111607)
 4191285.2 |     75.54162 (16012008)     76.58498 (16012008)     77.65673 (16012008)     78.67295 (16012008)
80.29356 (13111607)
 4191265.2 |     78.34942 (16012008)     79.84297 (16012008)     81.34326 (16012008)     82.84346 (16012008)
84.24825 (16012008)
 4191245.2 |     79.08628 (16012008)     80.98888 (16012008)     82.91544 (16012008)     84.85966 (16012008)
86.81463 (16012008)
 4191225.2 |     77.70980 (16012008)     79.90509 (16012008)     82.17027 (16012008)     84.50128 (16012008)
86.89312 (16012008)
 4191205.2 |     77.78682 (13121108)     78.89639 (13010507)     80.58787 (13010507)     82.33432 (13010507)
84.55778 (16012008)
 4191185.2 |     84.99690 (14010708)     86.92619 (14010708)     88.96306 (14010708)     91.08728 (14010708)
93.28435 (14010708)
 4191165.2 |     90.50106 (14010308)     92.63594 (14010308)     95.04119 (14010708)     97.60852 (14010708)
100.22836 (14010708)
 4191145.2 |     95.45585 (14010308)     97.90037 (14010308)    100.48769 (14010308)    103.24549 (14010308)
106.15240 (14010308)
 4191125.2 |     96.32775 (14010308)     98.86161 (14010308)    101.53110 (14010308)    104.37153 (14010308)
107.48088 (14010308)
 4191105.2 |    103.22352 (13030108)    106.60683 (13030108)    110.17869 (13030108)    113.97951 (13030108)
118.11190 (13030108)
 4191085.2 |    109.86766 (13030108)    113.24116 (13030108)    116.86969 (13030108)    120.75678 (13030108)
124.98051 (13030108)
 4191065.2 |    112.14495 (13030108)    115.32573 (13030108)    118.72777 (13030108)    122.36679 (13030108)
126.31060 (13030108)
 4191045.2 |    110.69167 (13030108)    113.52388 (13030108)    117.06153 (13122707)    121.19095 (13122707)
125.61610 (13122707)
 4191025.2 |    114.91692 (13121108)    117.99631 (13121108)    121.59354 (15032607)    126.22393 (15032607)
131.18180 (15032607)
 4191005.2 |    120.04224 (17112007)    124.35403 (13121108)    128.17342 (13121108)    131.88154 (13121108)
135.44857 (13121108)
 4190985.2 |    129.56265 (17112007)    132.76957 (17112007)    136.14815 (17112007)    140.83378 (13121108)
145.45994 (13121108)
 4190965.2 |    141.84716 (16012008)    145.45882 (16012008)    149.29831 (16012008)    153.42504 (16012008)
158.14465 (15021007)
 4190945.2 |    156.18178 (16012008)    161.05900 (16012008)    166.23381 (16012008)    171.80896 (16012008)
177.68117 (16012008)
 4190925.2 |    173.66211 (14010708)    180.34111 (14010708)    187.64692 (14010708)    195.75608 (14010708)
204.69901 (14010708)
 4190905.2 |    201.13689 (14010308)    210.28923 (14010308)    220.87772 (14010708)    233.12309 (13030108)
247.85395 (13030108)
 4190885.2 |    242.75806 (13030108)    258.28689 (13030108)    275.87288 (13030108)    296.11042 (13030108)
319.73751 (13030108)
 4190865.2 |    278.09342 (13030108)    300.77312 (13030108)    327.59515 (13030108)    359.84832 (13030108)
399.45765 (13030108)
 4190845.2 |    316.90183 (15012608)    348.80185 (15012608)    387.53680 (15012608)    435.62952 (15012608)
497.13704 (15012608)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

PAGE  1461
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

                            *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  UNIVERSI
***
                                INCLUDING SOURCE(S):     L0000458    , L0000459    , L0000460    , L0000461    ,
L0000462    ,
               L0000463    , L0000464    , L0000465    , L0000466    , L0000467    , L0000468    , L0000469    ,
L0000470    ,
               L0000471    , L0000472    , L0000473    , L0000474    , L0000475    , L0000476    , L0000477    ,
L0000478    ,
               L0000479    , L0000480    , L0000481    , L0000482    , L0000483    , L0000484    , L0000485    ,
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. . .   ,

*** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10   IN MICROGRAMS/M**3   **

Y-COORD | X-COORD (METERS)
(METERS) | 559917.30   559937.30   559957.30   559977.30
559997.30
- -
- - - - - - - -

4190825.2 | 357.46587 (14010608)   393.41539 (14010608)   434.29948 (14010608)   482.08316 (17113008)
578.25874 (17113008)
4190805.2 | 385.70176 (17113008)   431.41209 (17113008)   476.00980 (17113008)   528.78460 (17102107)
601.52327 (14112708)
4190785.2 | 401.19540 (17102107)   442.16581 (14112708)   480.43149 (14112708)   527.14726 (17012607)
619.81741 (17012607)
4190765.2 | 404.08275 (14031107)   438.89279 (17012607)   511.42539 (17012607)   553.10608 (17012607)
556.77167 (17012607)
4190745.2 | 437.26271 (17012607)   476.78064 (17012607)   491.09633 (17012607)   483.47025 (17012607)
462.82414 (17012607)
4190725.2 | 437.53241 (17012607)   437.84449 (17012607)   424.42400 (17012607)   403.19047 (17012607)
396.19263 (15121507)
4190705.2 | 390.41968 (17012607)   373.99976 (17012607)   369.11881 (15121507)   362.11387 (15121507)
351.72769 (15121507)
4190685.2 | 344.41562 (15121507)   339.95170 (15121507)   331.39411 (15121507)   322.13435 (14012707)
322.52742 (13110808)
4190665.2 | 313.29744 (15121507)   304.69808 (14012707)   301.80224 (13110808)   305.12818 (13110808)
305.75923 (13110808)
4190645.2 | 283.43886 (13110808)   287.15106 (13110808)   288.81450 (13110808)   287.34162 (13110808)
281.57803 (13110808)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: UNIVERSI
***
INCLUDING SOURCE(S):   L0000458   , L0000459   , L0000460   , L0000461   ,
L0000462   ,
L0000463   , L0000464   , L0000465   , L0000466   , L0000467   , L0000468   , L0000469   ,
L0000470   ,
L0000471   , L0000472   , L0000473   , L0000474   , L0000475   , L0000476   , L0000477   ,
L0000478   ,
L0000479   , L0000480   , L0000481   , L0000482   , L0000483   , L0000484   , L0000485   ,
. . .   ,

*** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10   IN MICROGRAMS/M**3   **

Y-COORD | X-COORD (METERS)
(METERS) | 560017.30   560037.30   560057.30   560077.30
560097.30
- -
- - - - - - - -

4191625.2 | 65.77600 (13040307)   66.47270 (13040307)   66.80491 (13040307)   67.15552 (13040307)
67.52961 (13040307)
4191605.2 | 66.92895 (13040307)   67.71158 (13040307)   68.13131 (13040307)   68.44848 (13040307)
68.76667 (13040307)
4191585.2 | 68.04992 (13040307)   68.95592 (13040307)   69.51127 (13040307)   69.82585 (13040307)
70.05885 (13040307)
4191565.2 | 68.95085 (13040307)   70.09235 (13040307)   70.81515 (13040307)   71.16942 (13040307)
71.36693 (13040307)

 4191545.2 | 69.97990 (13040307)   71.31627 (13040307)   72.09307 (13040307)   72.50648 (13040307)
72.77942 (13040307)
 4191525.2 | 71.20259 (13040307)   72.65191 (13040307)   73.34966 (13040307)   73.85127 (13040307)
74.30858 (13040307)
 4191505.2 | 72.59921 (13040307)   74.08257 (13040307)   74.85191 (13040307)   75.38726 (13040307)
75.86596 (13040307)
 4191485.2 | 73.98036 (13040307)   75.61699 (13040307)   76.66612 (13040307)   77.32208 (13040307)
77.84585 (13040307)
 4191465.2 | 75.34968 (13040307)   77.25760 (13040307)   78.53986 (13040307)   79.18503 (13040307)
79.78045 (13040307)
 4191445.2 | 76.99163 (13040307)   79.19044 (13040307)   80.27544 (13040307)   80.99105 (13040307)
81.62411 (13040307)
 4191425.2 | 78.43418 (13040307)   80.83089 (13040307)   82.09547 (13040307)   82.89602 (13040307)
83.57048 (13040307)
 4191405.2 | 79.74830 (13040307)   82.60823 (13040307)   84.03650 (13040307)   84.90873 (13040307)
85.62890 (13040307)
 4191385.2 | 81.14298 (13040307)   84.46125 (13040307)   86.08427 (13040307)   87.03911 (13040307)
87.80995 (13040307)
 4191365.2 | 82.52602 (13040307)   86.39166 (13040307)   88.24762 (13040307)   89.29837 (13040307)
90.12564 (13040307)
 4191345.2 | 83.87947 (13040307)   88.40028 (13040307)   90.53638 (13040307)   91.69926 (13040307)
92.58967 (13040307)
 4191325.2 | 85.17996 (13040307)   90.48651 (13040307)   92.96131 (13040307)   94.25632 (13040307)
95.21776 (13040307)
 4191305.2 | 86.39728 (13040307)   92.64770 (13040307)   95.53418 (13040307)   96.98618 (13040307)
98.02802 (13040307)
 4191285.2 | 87.49270 (13040307)   94.87833 (13040307)   98.26786 (13040307)   99.90795 (13040307)
101.04148 (13040307)
 4191265.2 | 88.41696 (13040307)   97.16889 (13040307)   101.17627 (13040307)   103.04371 (13040307)
104.28270 (13040307)
 4191245.2 | 89.10787 (13040307)   99.50422 (13040307)   104.27438 (13040307)   106.41902 (13040307)
107.78056 (13040307)
 4191225.2 | 89.48764 (13040307)   101.86141 (13040307)   107.57801 (13040307)   110.06358 (13040307)
111.56923 (13040307)
 4191205.2 | 89.84430 (13040307)   104.57465 (13040307)   111.19596 (13040307)   114.01206 (13040307)
115.68941 (13040307)
 4191185.2 | 95.52720 (14010708)   106.84496 (13040307)   115.21359 (13040307)   118.46329 (13040307)
120.18986 (13040307)
 4191165.2 | 102.96667 (14010708)   109.03737 (13040307)   119.09628 (13040307)   123.26583 (13040307)
125.12936 (13040307)
 4191145.2 | 109.13846 (14010308)   112.26514 (14010308)   123.47654 (13040307)   128.46213 (13040307)
130.57917 (13040307)
 4191125.2 | 110.65169 (14010308)   114.19288 (15111907)   128.16545 (13040307)   134.20246 (13040307)
136.62612 (13040307)
 4191105.2 | 122.36175 (13030108)   126.83501 (13030108)   133.16903 (13040307)   140.58224 (13040307)
143.37673 (13040307)
 4191085.2 | 129.31828 (13030108)   133.87968 (13030108)   138.69809 (13030108)   147.72016 (13040307)
150.96265 (13040307)
 4191065.2 | 130.34352 (13030108)   134.56981 (13030108)   144.04378 (13040307)   155.76530 (13040307)
159.54835 (13040307)
 4191045.2 | 130.10376 (13122707)   135.55606 (15032607)   149.77566 (13040307)   164.85718 (13040307)
169.34232 (13040307)
 4191025.2 | 136.25496 (15032607)   141.53708 (15032607)   155.48031 (13040307)   175.03050 (13040307)
181.54270 (13040307)
 4191005.2 | 140.94785 (15012608)   146.60225 (15012608)   160.23944 (13040307)   186.49574 (13040307)
194.65027 (13040307)
 4190985.2 | 150.05205 (13121108)   154.78072 (13121108)   162.69434 (13040307)   198.92750 (13040307)
210.97170 (13040307)
 4190965.2 | 163.31371 (15021007)   169.21477 (13121108)   174.54689 (15021007)   213.02317 (13040307)
227.03806 (13040307)
 4190945.2 | 183.95176 (16012008)   190.78704 (16012008)   198.03355 (16012008)   230.47924 (13040307)
247.51729 (13040307)
 4190925.2 | 214.36959 (14010708)   225.19951 (14010708)   238.12605 (14010708)   252.74236 (14010708)
274.46070 (13040307)
 4190905.2 | 264.37166 (13030108)   283.56111 (13030108)   307.25135 (13030108)   335.22458 (13030108)
367.69951 (13030108)
 4190885.2 | 346.60778 (13030108)   378.10566 (13030108)   419.99269 (13030108)   473.27732 (13030108)
539.75216 (13030108)
 4190865.2 | 450.55501 (13030108)   510.47451 (13030108)   600.18522 (13030108)   702.41336 (15032607)

817.05629 (15032607)
 4190845.2 | 590.97917 (14010608)   719.53193 (14010608)   924.16692 (14010608)   985.41674 (17122807)
1029.39259 (13121309)

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: UNIVERSI
***
                                INCLUDING SOURCE(S):   L0000458   , L0000459   , L0000460   , L0000461   ,
L0000462   ,
                L0000463   , L0000464   , L0000465   , L0000466   , L0000467   , L0000468   , L0000469   ,
L0000470   ,
                L0000471   , L0000472   , L0000473   , L0000474   , L0000475   , L0000476   , L0000477   ,
L0000478   ,
                L0000479   , L0000480   , L0000481   , L0000482   , L0000483   , L0000484   , L0000485   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560017.30   560037.30   560057.30   560077.30
560097.30
 -
- - - - - - - -

 4190825.2 | 688.81629 (17113008)   817.38174 (13121309)   964.68580 (16120308)   986.91187 (17012607)
910.83265 (17012607)
 4190805.2 | 673.49565 (17012607)   793.73011 (17012607)   788.87210 (17012607)   728.61953 (17012607)
678.02388 (17012607)
 4190785.2 | 655.19708 (17012607)   637.20455 (17012607)   596.78933 (17012607)   561.70408 (17012607)
528.13247 (17012607)
 4190765.2 | 536.12265 (17012607)   508.50185 (17012607)   477.31984 (17012607)   464.15698 (15121507)
452.16433 (15121507)
 4190745.2 | 437.06300 (17012607)   428.12578 (15121507)   416.86895 (15121507)   403.17269 (14012707)
401.19474 (13110808)
 4190725.2 | 387.49681 (15121507)   375.41603 (15121507)   369.66723 (13110808)   373.46060 (13110808)
372.39804 (13110808)
 4190705.2 | 341.89467 (14012707)   346.52690 (13110808)   348.38958 (13110808)   344.30721 (13110808)
332.60445 (13110808)
 4190685.2 | 325.33582 (13110808)   324.24940 (13110808)   317.57400 (13110808)   304.55188 (13110808)
283.66736 (13110808)
 4190665.2 | 302.17303 (13110808)   293.16332 (13110808)   278.15083 (13110808)   264.92408 (14091607)
261.38925 (14091607)
 4190645.2 | 270.74635 (13110808)   254.69275 (13110808)   248.68300 (14110807)   244.70678 (14091607)
240.71865 (14010408)

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: UNIVERSI
***
                                INCLUDING SOURCE(S):   L0000458   , L0000459   , L0000460   , L0000461   ,
L0000462   ,
                L0000463   , L0000464   , L0000465   , L0000466   , L0000467   , L0000468   , L0000469   ,
L0000470   ,
                L0000471   , L0000472   , L0000473   , L0000474   , L0000475   , L0000476   , L0000477   ,
L0000478   ,
                L0000479   , L0000480   , L0000481   , L0000482   , L0000483   , L0000484   , L0000485   ,

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*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	560117.30	560137.30	560157.30	560177.30	560197.30
4191625.2	67.91825 (13040307)	68.32535 (13040307)	68.74641 (13040307)	69.17443 (13040307)	69.60520 (13040307)
4191605.2	69.17021 (13040307)	69.59460 (13040307)	70.03577 (13040307)	70.48589 (13040307)	70.93831 (13040307)
4191585.2	70.47790 (13040307)	70.92028 (13040307)	71.38258 (13040307)	71.85648 (13040307)	72.33337 (13040307)
4191565.2	71.55129 (13040307)	71.95658 (13040307)	72.44659 (13040307)	72.95423 (13040307)	73.61952 (13040307)
4191545.2	73.02226 (13040307)	73.32276 (13040307)	73.70684 (13040307)	74.24489 (13040307)	75.08608 (13040307)
4191525.2	74.77878 (13040307)	75.06534 (13040307)	75.28327 (13040307)	75.84904 (13040307)	76.73132 (13040307)
4191505.2	76.35519 (13040307)	76.97708 (13040307)	77.62205 (13040307)	78.20075 (13040307)	78.95193 (13040307)
4191485.2	78.37187 (13040307)	78.98812 (13040307)	79.66158 (13040307)	80.25326 (13040307)	80.87272 (13040307)
4191465.2	80.36513 (13040307)	80.95535 (13040307)	81.55081 (13040307)	82.14855 (13040307)	82.74749 (13040307)
4191445.2	82.24411 (13040307)	82.87071 (13040307)	83.50398 (13040307)	84.14038 (13040307)	84.77770 (13040307)
4191425.2	84.22893 (13040307)	84.89513 (13040307)	85.56961 (13040307)	86.24848 (13040307)	86.92833 (13040307)
4191405.2	86.32937 (13040307)	87.03876 (13040307)	87.75826 (13040307)	88.48376 (13040307)	89.21079 (13040307)
4191385.2	88.55645 (13040307)	89.31315 (13040307)	90.08191 (13040307)	90.85867 (13040307)	91.63809 (13040307)
4191365.2	90.92277 (13040307)	91.73147 (13040307)	92.55432 (13040307)	93.38746 (13040307)	94.22504 (13040307)
4191345.2	93.44266 (13040307)	94.30878 (13040307)	95.19124 (13040307)	96.08648 (13040307)	96.98865 (13040307)
4191325.2	96.13257 (13040307)	97.06237 (13040307)	98.01084 (13040307)	98.97468 (13040307)	99.94859 (13040307)
4191305.2	99.01145 (13040307)	100.01221 (13040307)	101.03421 (13040307)	102.07411 (13040307)	103.12778 (13040307)
4191285.2	102.10134 (13040307)	103.18150 (13040307)	104.28595 (13040307)	105.41062 (13040307)	106.55312 (13040307)
4191265.2	105.42797 (13040307)	106.59735 (13040307)	107.79490 (13040307)	109.01468 (13040307)	110.25641 (13040307)
4191245.2	109.02168 (13040307)	110.29165 (13040307)	111.59510 (13040307)	112.92245 (13040307)	114.27558 (13040307)
4191225.2	112.91847 (13040307)	114.30221 (13040307)	115.72702 (13040307)	117.17719 (13040307)	118.65615 (13040307)
4191205.2	117.16157 (13040307)	118.67423 (13040307)	120.23911 (13040307)	121.83102 (13040307)	123.45333 (13040307)
4191185.2	121.80326 (13040307)	123.46229 (13040307)	125.18990 (13040307)	126.94732 (13040307)	128.73463 (13040307)
4191165.2	126.90754 (13040307)	128.73303 (13040307)	130.65069 (13040307)	132.60387 (13040307)	134.58348 (13040307)
4191145.2	132.55355 (13040307)	134.56884 (13040307)	136.70935 (13040307)	138.89712 (13040307)	143.57638 (14010308)
4191125.2	138.84021 (13040307)	141.07307 (13040307)	143.47531 (13040307)	148.91095 (13030108)	155.18603 (13030108)
4191105.2	147.19643 (13030108)	153.13484 (13030108)	159.44407 (13030108)	166.16039 (13030108)	173.32743 (13030108)
4191085.2	154.53594 (13030108)	160.51874 (13030108)	166.85200 (13030108)	173.56772 (13030108)	180.70520 (13030108)
4191065.2	162.97691 (13040307)	166.12510 (13040307)	169.61076 (13040307)	177.12874 (14112517)	

187.81761 (14112517)
 4191045.2 | 173.48082 (13040307)   177.09948 (13040307)   181.06449 (13040307)   194.15713 (14112517)
202.51029 (14112517)
 4191025.2 | 185.95731 (13040307)   189.99618 (13040307)   195.04806 (14112517)   212.37174 (14112517)
219.40110 (14112517)
 4191005.2 | 200.64128 (13040307)   205.40568 (13040307)   219.21132 (14112517)   232.80592 (14112517)
239.56487 (14112517)
 4190985.2 | 218.09836 (13040307)   224.17138 (13040307)   245.34686 (14112517)   257.05071 (14112517)
264.40329 (14112517)
 4190965.2 | 238.03655 (13040307)   256.30202 (14112517)   275.32335 (14112517)   287.32756 (14112517)
302.16437 (13121308)
 4190945.2 | 258.97612 (13040307)   296.72893 (14112517)   314.30906 (14112517)   333.35004 (13121308)
389.00377 (15012009)
 4190925.2 | 292.68536 (14112517)   330.08502 (14112517)   356.66213 (13121308)   428.76440 (15012009)
494.26579 (15012009)
 4190905.2 | 405.02263 (13030108)   448.37713 (13030108)   500.25814 (13030108)   573.52047 (15012009)
653.92458 (14012907)
 4190885.2 | 622.44426 (13030108)   697.97968 (13030108)   800.17859 (15032607)   859.35582 (15012608)
874.64831 (14010608)
 4190865.2 | 918.78305 (14010608)   997.54114 (17122807)   970.03904 (13121309)   1078.07423 (13121309)
1072.58269 (17012607)
 4190845.2 | 1000.53025 (13121309)   1032.91387 (17012607)   1001.37376 (17012607)   952.70448 (17012607)
866.43365 (17012607)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: UNIVERSI
***
                               INCLUDING SOURCE(S):   L0000458   , L0000459   , L0000460   , L0000461   ,
L0000462   ,
                L0000463   , L0000464   , L0000465   , L0000466   , L0000467   , L0000468   , L0000469   ,
L0000470   ,
                L0000471   , L0000472   , L0000473   , L0000474   , L0000475   , L0000476   , L0000477   ,
L0000478   ,
                L0000479   , L0000480   , L0000481   , L0000482   , L0000483   , L0000484   , L0000485   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560117.30   560137.30   560157.30   560177.30
560197.30
 -
- - - - - - - -

 4190825.2 | 862.04533 (17012607)   790.51716 (17012607)   733.80221 (17012607)   678.93771 (17012607)
643.29143 (15121507)
 4190805.2 | 635.49255 (17012607)   595.62196 (17012607)   573.08634 (15121507)   550.42419 (14012707)
540.00707 (13110808)
 4190785.2 | 511.61200 (15121507)   496.96667 (15121507)   484.56350 (13110808)   487.07633 (13110808)
480.27635 (13110808)
 4190765.2 | 437.95972 (14012707)   441.48423 (13110808)   441.66603 (13110808)   430.64201 (13110808)
406.59603 (13110808)
 4190745.2 | 404.28113 (13110808)   400.95795 (13110808)   386.95189 (13110808)   360.92947 (13110808)
352.23257 (14091607)
 4190725.2 | 364.52193 (13110808)   348.00234 (13110808)   327.74183 (14091607)   322.39277 (14091607)
310.73236 (14010408)
 4190705.2 | 313.53614 (13110808)   302.75513 (14091607)   296.29616 (14091607)   288.25561 (14010408)
277.46373 (14112707)
 4190685.2 | 280.59673 (14091607)   273.19077 (14091607)   268.39577 (14010408)   259.44378 (14112707)
253.26982 (14122207)
 4190665.2 | 255.37484 (14010408)   250.60721 (14010408)   243.52850 (14112707)   238.19655 (14122207)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: UNIVERSI
***
                                INCLUDING SOURCE(S):   L0000458   , L0000459   , L0000460   , L0000461   ,
L0000462   ,
                L0000463   , L0000464   , L0000465   , L0000466   , L0000467   , L0000468   , L0000469   ,
L0000470   ,
                L0000471   , L0000472   , L0000473   , L0000474   , L0000475   , L0000476   , L0000477   ,
L0000478   ,
                L0000479   , L0000480   , L0000481   , L0000482   , L0000483   , L0000484   , L0000485   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560217.30   560237.30   560257.30   560277.30
560297.30
 -
- - - - - - - -

 4191625.2 | 70.04601 (13040307)   70.53036 (13040307)   71.13767 (13040307)   72.00848 (13040307)
73.33679 (13040307)
 4191605.2 | 71.39499 (13040307)   71.88009 (13040307)   72.46032 (13040307)   73.26515 (13040307)
74.48845 (13040307)
 4191585.2 | 72.81070 (13040307)   73.30407 (13040307)   73.86729 (13040307)   74.61642 (13040307)
75.74065 (13040307)
 4191565.2 | 74.29659 (13040307)   74.80533 (13040307)   75.36169 (13040307)   76.06651 (13040307)
77.09983 (13040307)
 4191545.2 | 75.85673 (13040307)   76.38749 (13040307)   76.94696 (13040307)   77.61972 (13040307)
78.57247 (13040307)
 4191525.2 | 77.53867 (13040307)   78.09723 (13040307)   78.66991 (13040307)   79.28053 (13040307)
80.16513 (13040307)
 4191505.2 | 79.62035 (13040307)   80.19950 (13040307)   80.75708 (13040307)   81.29248 (13040307)
81.93241 (13040307)
 4191485.2 | 81.39767 (13040307)   81.98155 (13040307)   82.71129 (13040307)   83.28575 (13040307)
83.83671 (13040307)
 4191465.2 | 83.35107 (13040307)   83.96723 (13040307)   84.73017 (13040307)   85.32403 (13040307)
85.83694 (13040307)
 4191445.2 | 85.41835 (13040307)   86.07034 (13040307)   86.79520 (13040307)   87.59795 (13040307)
88.03804 (13040307)
 4191425.2 | 87.61015 (13040307)   88.30177 (13040307)   89.01525 (13040307)   89.86079 (13040307)
90.53416 (13040307)
 4191405.2 | 89.93856 (13040307)   90.67414 (13040307)   91.43100 (13040307)   92.28432 (13040307)
93.18256 (13040307)
 4191385.2 | 92.41732 (13040307)   93.20191 (13040307)   94.00663 (13040307)   94.84715 (13040307)
97.17516 (14112517)
 4191365.2 | 95.06207 (13040307)   95.90170 (13040307)   96.75927 (13040307)   97.65441 (13040307)
101.27497 (14112517)
 4191345.2 | 97.89072 (13040307)   98.79258 (13040307)   99.70895 (13040307)   101.03194 (14112517)
105.43865 (14112517)
 4191325.2 | 100.92392 (13040307)   101.89659 (13040307)   102.87907 (13040307)   105.99299 (14112517)
109.63135 (14112517)
 4191305.2 | 104.18564 (13040307)   105.23924 (13040307)   106.29691 (13040307)   110.92890 (14112517)
113.90789 (14112517)
 4191285.2 | 107.70399 (13040307)   108.85035 (13040307)   110.98755 (14112517)   115.88144 (14112517)
118.33619 (14112517)
 4191265.2 | 111.51214 (13040307)   112.76503 (13040307)   116.94250 (14112517)   120.91473 (14112517)

122.99554 (14112517)
 4191245.2 | 115.64966 (13040307)   117.02500 (13040307)   122.90366 (14112517)   126.11460 (14112517)
127.97494 (14112517)
 4191225.2 | 120.16419 (13040307)   123.48931 (14112517)   128.94304 (14112517)   131.58665 (14112517)
133.37225 (14112517)
 4191205.2 | 125.11360 (13040307)   130.82222 (14112517)   135.16838 (14112517)   137.45404 (14112517)
139.29508 (14112517)
 4191185.2 | 130.56892 (13040307)   138.23808 (14112517)   141.72183 (14112517)   143.85633 (14112517)
145.86403 (14112517)
 4191165.2 | 139.75517 (14112517)   145.87007 (14112517)   148.77734 (14112517)   151.28808 (14010708)
156.24704 (14010708)
 4191145.2 | 149.11027 (14112517)   153.91173 (14112517)   159.37706 (14010308)   165.54688 (14010708)
172.20237 (14010708)
 4191125.2 | 161.87325 (13030108)   169.01779 (13030108)   176.67290 (13030108)   184.90139 (13030108)
193.77763 (13030108)
 4191105.2 | 180.99769 (13030108)   189.23442 (13030108)   198.11400 (13030108)   207.72906 (13030108)
218.19266 (13030108)
 4191085.2 | 188.31250 (13030108)   196.44828 (13030108)   205.18408 (13030108)   214.60743 (13030108)
224.82609 (13030108)
 4191065.2 | 192.47567 (14112517)   202.69065 (15032607)   213.64356 (15032607)   225.37062 (15032607)
237.96121 (15032607)
 4191045.2 | 206.96882 (14112517)   212.11212 (15012608)   223.93713 (15012608)   236.26957 (15012608)
249.07478 (15012608)
 4191025.2 | 224.23481 (14112517)   229.69815 (14112517)   236.17172 (14112517)   260.21329 (15012009)
297.55053 (15012009)
 4191005.2 | 245.48909 (13121308)   253.12293 (13121308)   282.35166 (15012009)   324.42405 (15012009)
348.07288 (15012009)
 4190985.2 | 274.74018 (13121308)   310.16485 (15012009)   358.18696 (15012009)   383.64680 (15012009)
397.60343 (15012009)
 4190965.2 | 345.79445 (15012009)   395.80623 (15012009)   421.23121 (15012009)   435.89770 (15012009)
453.02053 (14012907)
 4190945.2 | 444.04488 (15012009)   464.87850 (15012009)   481.96621 (14012907)   527.76231 (14012907)
583.45580 (13011717)
 4190925.2 | 527.71281 (15012009)   587.71705 (14012907)   666.00685 (13011717)   757.10013 (13011717)
790.39015 (13011717)
 4190905.2 | 754.31069 (13011717)   842.71491 (13011717)   1000.15440 (14121317)   1027.54884 (13010717)
1075.13219 (13010717)
 4190885.2 | 949.97934 (13121309)   1003.75147 (13121309)   1029.31537 (17012607)   1183.75501 (17012607)
1137.22752 (17012607)
 4190865.2 | 1120.95282 (17012607)   1031.18737 (17012607)   943.04543 (17012607)   854.37704 (15121507)
806.64046 (13110808)
 4190845.2 | 787.68323 (17012607)   732.82978 (15121507)   692.97444 (13110808)   685.10012 (13110808)
660.11964 (13110808)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: UNIVERSI
***
                               INCLUDING SOURCE(S):   L0000458   , L0000459   , L0000460   , L0000461   ,
L0000462   ,
               L0000463   , L0000464   , L0000465   , L0000466   , L0000467   , L0000468   , L0000469   ,
L0000470   ,
               L0000471   , L0000472   , L0000473   , L0000474   , L0000475   , L0000476   , L0000477   ,
L0000478   ,
               L0000479   , L0000480   , L0000481   , L0000482   , L0000483   , L0000484   , L0000485   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560217.30   560237.30   560257.30   560277.30
560297.30

- -

4190825.2 | 613.91241 (14012707) 605.63111 (13110808) 594.71274 (13110808) 564.14246 (13110808)
524.85034 (14091607)
4190805.2 | 537.45139 (13110808) 521.39533 (13110808) 486.45939 (13110808) 464.66516 (14091607)
436.91117 (14091607)
4190785.2 | 459.57179 (13110808) 426.24119 (14091607) 415.31993 (14091607) 392.17655 (14010408)
373.17024 (14112707)
4190765.2 | 386.51316 (14091607) 373.64041 (14091607) 355.48753 (14010408) 339.17096 (14112707)
335.67374 (14121307)
4190745.2 | 338.14687 (14091607) 324.26241 (14010408) 311.80689 (14122207) 309.52640 (14121307)
302.99507 (13010908)
4190725.2 | 297.87535 (14112707) 289.66169 (14122207) 287.15909 (14121307) 281.05489 (13010908)
274.96959 (16110807)
4190705.2 | 270.35445 (14122207) 267.94285 (14121307) 261.95119 (13010908) 256.34677 (16110807)
249.18534 (16110807)
4190685.2 | 250.90449 (14121307) 245.51122 (14121307) 241.05971 (13010908) 236.19264 (16110807)
221.53693 (14112407)
4190665.2 | 231.63158 (14121307) 227.88381 (13010908) 223.98483 (16110807) 208.75786 (16110807)
211.93588 (14112407)
4190645.2 | 215.94555 (13010908) 212.59340 (16110807) 201.25073 (16110807) 199.96937 (14112407)
196.09392 (14112407)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: UNIVERSI ***

INCLUDING SOURCE(S): L0000458 , L0000459 , L0000460 , L0000461 ,
L0000462 ,
L0000463 , L0000464 , L0000465 , L0000466 , L0000467 , L0000468 , L0000469 ,
L0000470 ,
L0000471 , L0000472 , L0000473 , L0000474 , L0000475 , L0000476 , L0000477 ,
L0000478 ,
L0000479 , L0000480 , L0000481 , L0000482 , L0000483 , L0000484 , L0000485 ,
. . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD | X-COORD (METERS)
(METERS) | 560317.30 560337.30 560357.30 560377.30
560397.30
- -

4191625.2 | 75.32532 (13040307) 78.21926 (13040307) 82.06832 (13040307) 86.35537 (13040307)
91.15955 (13040307)
4191605.2 | 76.35089 (13040307) 79.10081 (13040307) 82.87534 (13040307) 87.31473 (13040307)
92.18211 (13040307)
4191585.2 | 77.47493 (13040307) 80.02600 (13040307) 83.49135 (13040307) 88.15168 (13040307)
93.24284 (13040307)
4191565.2 | 78.70595 (13040307) 81.12349 (13040307) 84.48928 (13040307) 88.93092 (13040307)
94.17118 (13040307)
4191545.2 | 80.05297 (13040307) 82.32943 (13040307) 85.58239 (13040307) 89.83314 (13040307)
94.96799 (13040307)
4191525.2 | 81.52543 (13040307) 83.65491 (13040307) 86.78175 (13040307) 90.96571 (13040307)
96.11342 (13040307)
4191505.2 | 83.13315 (13040307) 85.11213 (13040307) 88.09930 (13040307) 92.20257 (13040307)
97.34487 (13040307)
4191485.2 | 84.88623 (13040307) 86.71444 (13040307) 89.54852 (13040307) 93.55609 (13040307)
98.68084 (13040307)
4191465.2 | 86.79493 (13040307) 89.29667 (14112517) 91.23560 (14112517) 95.03932 (13040307)

100.13756 (13040307)
 4191445.2 | 89.34649 (14112517)   92.32838 (14112517)   93.94941 (14112517)   96.66719 (13040307)
101.72934 (13040307)
 4191425.2 | 92.99445 (14112517)   95.36763 (14112517)   96.73750 (14112517)   98.45768 (13040307)
103.46981 (13040307)
 4191405.2 | 96.71326 (14112517)   98.51272 (14112517)   99.70473 (14112517)   100.60756 (14112517)
105.37388 (13040307)
 4191385.2 | 100.51924 (14112517)   102.27275 (14112517)   103.40706 (14112517)   104.27480 (14112517)
107.95684 (13040307)
 4191365.2 | 104.04137 (14112517)   105.59981 (14112517)   106.73002 (14112517)   107.78345 (14112517)
110.51891 (13040307)
 4191345.2 | 107.73299 (14112517)   109.12856 (14112517)   110.26927 (14112517)   111.39830 (14112517)
112.75232 (13040307)
 4191325.2 | 111.56357 (14112517)   112.88004 (14112517)   114.07846 (14112517)   115.31230 (14112517)
116.59790 (14112517)
 4191305.2 | 115.59335 (14112517)   116.90618 (14112517)   118.20145 (14112517)   119.56049 (14112517)
120.97473 (14112517)
 4191285.2 | 119.88789 (14112517)   121.26203 (14112517)   122.68636 (14112517)   124.18918 (14112517)
125.74729 (14112517)
 4191265.2 | 124.51761 (14112517)   126.00704 (14112517)   127.58764 (14112517)   129.25283 (14112517)
130.97211 (14112517)
 4191245.2 | 129.55834 (14112517)   131.20730 (14112517)   132.96886 (14112517)   134.81661 (14112517)
136.71729 (14112517)
 4191225.2 | 135.09324 (14112517)   136.93888 (14112517)   138.90620 (14112517)   140.95989 (14112517)
143.06579 (14112517)
 4191205.2 | 141.21650 (14112517)   143.29243 (14112517)   145.49315 (14112517)   147.78062 (14112517)
150.26931 (16012008)
 4191185.2 | 148.03883 (14112517)   150.37932 (14112517)   154.98278 (16012008)   159.93833 (16012008)
164.87092 (16012008)
 4191165.2 | 161.42784 (14010708)   166.84572 (14010708)   172.51987 (14010708)   178.47549 (14010708)
184.74643 (14010708)
 4191145.2 | 179.29556 (14010708)   186.86564 (14010708)   194.95571 (14010708)   203.61351 (14010708)
212.89296 (14010708)
 4191125.2 | 203.39001 (13030108)   213.84424 (13030108)   225.26764 (13030108)   237.81476 (13030108)
251.67495 (13030108)
 4191105.2 | 229.64403 (13030108)   242.25640 (13030108)   256.24813 (13030108)   271.89854 (13030108)
289.57078 (13030108)
 4191085.2 | 235.97403 (13030108)   248.21994 (13030108)   264.45357 (15032607)   284.10613 (15032607)
306.37160 (15032607)
 4191065.2 | 251.51968 (15032607)   267.03020 (15012608)   287.05187 (15012608)   308.92359 (15012608)
332.83312 (15012608)
 4191045.2 | 275.26693 (15012009)   294.19159 (15012009)   305.76985 (15012009)   327.49634 (14010608)
353.59137 (14010608)
 4191025.2 | 317.98842 (15012009)   330.57984 (15012009)   341.39276 (15012009)   352.93764 (15012009)
365.86376 (15012009)
 4191005.2 | 361.57019 (15012009)   373.46063 (15012009)   386.95953 (15012009)   401.73725 (15012009)
422.70967 (14012907)
 4190985.2 | 409.03846 (15012009)   427.93662 (14012907)   454.60092 (14012907)   482.43992 (13011717)
524.11260 (13011717)
 4190965.2 | 485.34037 (14012907)   528.40899 (13011717)   589.29879 (13011717)   644.44666 (13011717)
700.61131 (13011717)
 4190945.2 | 656.16456 (13011717)   723.99982 (13011717)   799.52992 (13011717)   949.83374 (14121317)
1123.93343 (13012308)
 4190925.2 | 940.29337 (14121317)   1112.39997 (13012308)   1250.87776 (13010717)   1224.80303 (13010717)
1128.90670 (14091907)
 4190905.2 | 1061.03310 (17012607)   1130.81391 (17012607)   1176.66510 (17012607)   1137.73079 (13110808)
1074.53610 (13110808)
 4190885.2 | 1032.97626 (15121507)   961.66210 (13110808)   911.49157 (13110808)   820.83352 (14091607)
753.44701 (14091607)
 4190865.2 | 784.07883 (13110808)   734.59847 (13110808)   678.67405 (14091607)   615.84577 (14010408)
585.17004 (14121307)
 4190845.2 | 606.20932 (13110808)   576.17851 (14091607)   525.63988 (14010408)   509.13682 (14121307)
490.43933 (13010908)

Y-COORD (METERS)	X-COORD (METERS)				
	560317.30	560337.30	560357.30	560377.30	560397.30
4190825.2	498.55640 (14091607)	463.46430 (14112707)	451.30057 (14121307)	437.84193 (13010908)	410.36193 (16110807)
4190805.2	413.77766 (14112707)	404.00213 (14121307)	393.66923 (13010908)	375.74298 (16110807)	357.32627 (14112407)
4190785.2	367.15809 (14121307)	358.25286 (13010908)	345.99820 (16110807)	325.45620 (14112407)	308.60983 (14112407)
4190765.2	328.43221 (13010908)	319.47510 (16110807)	295.61412 (14112407)	293.13680 (14112407)	277.27517 (15011207)
4190745.2	295.90614 (16110807)	277.05958 (16110807)	275.31534 (14112407)	254.23015 (15011207)	251.18246 (15011207)
4190725.2	262.87061 (16110807)	256.81172 (14112407)	244.67749 (14112407)	238.85718 (15011207)	221.15128 (15011207)
4190705.2	238.68319 (14112407)	235.00876 (14112407)	223.05557 (15011207)	217.56174 (15011207)	198.18170 (13121408)
4190685.2	223.81529 (14112407)	207.55268 (14112407)	209.41513 (15011207)	194.91442 (13121408)	179.15281 (13101607)
4190665.2	202.62820 (14112407)	198.30268 (15011207)	191.64474 (15011207)	176.69404 (13121408)	172.93528 (14112008)
4190645.2	185.67695 (15011207)	186.16813 (15011207)	174.23757 (13121408)	161.27694 (13101607)	166.45847 (14112008)

Y-COORD (METERS)	X-COORD (METERS)				
	560417.30	560437.30	560457.30	560477.30	560497.30

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 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

 4191625.2 |     95.70421 (13040307)     98.93183 (13040307)     99.79838 (13040307)    102.46157 (17112408)
103.23475 (17112408)
 4191605.2 |     97.14215 (13040307)    101.04450 (13040307)    102.65797 (13040307)    104.83600 (17112408)
106.27883 (17112408)
 4191585.2 |     98.56068 (13040307)    103.12658 (13040307)    105.57148 (13040307)    107.26442 (17112408)
109.47261 (17112408)
 4191565.2 |     99.74602 (13040307)    104.93669 (13040307)    108.35991 (13040307)    109.49660 (17112408)
112.68032 (17112408)
 4191545.2 |    100.72463 (13040307)    106.42938 (13040307)    110.73204 (13040307)    112.10080 (13040307)
115.54314 (17112408)
 4191525.2 |    102.02910 (13040307)    108.19973 (13040307)    113.36555 (13040307)    115.73949 (13040307)
118.81046 (17112408)
 4191505.2 |    103.36897 (13040307)    109.92092 (13040307)    115.91588 (13040307)    119.40361 (13040307)
122.12842 (17112408)
 4191485.2 |    104.77540 (13040307)    111.61963 (13040307)    118.37416 (13040307)    123.05561 (13040307)
125.69296 (17112408)
 4191465.2 |    106.27968 (13040307)    113.33252 (13040307)    120.74361 (13040307)    126.65633 (13040307)
129.30032 (17112408)
 4191445.2 |    107.91079 (13040307)    115.10445 (13040307)    123.04339 (13040307)    130.16925 (13040307)
133.61047 (13040307)
 4191425.2 |    109.69349 (13040307)    116.98517 (13040307)    125.31154 (13040307)    133.56679 (13040307)
138.59017 (13040307)
 4191405.2 |    111.64753 (13040307)    119.02459 (13040307)    127.60600 (13040307)    136.83868 (13040307)
143.69865 (13040307)
 4191385.2 |    114.34704 (13040307)    121.68306 (13040307)    130.00227 (13040307)    140.00167 (13040307)
148.74759 (13040307)
 4191365.2 |    116.98890 (13040307)    124.57576 (13040307)    133.11487 (13040307)    143.74917 (13040307)
154.05906 (13040307)
 4191345.2 |    119.21481 (13040307)    127.59454 (13040307)    136.58075 (13040307)    147.66005 (13040307)
159.40824 (13040307)
 4191325.2 |    122.03136 (13040307)    130.62106 (13040307)    139.13047 (13040307)    150.15342 (13040307)
163.43822 (13040307)
 4191305.2 |    125.13168 (13040307)    134.02609 (13040307)    142.79301 (13040307)    153.46944 (13040307)
167.38139 (13040307)
 4191285.2 |    128.56917 (13040307)    137.78822 (13040307)    147.67922 (13040307)    157.89557 (13040307)
171.84990 (13040307)
 4191265.2 |    132.72072 (14112517)    141.46700 (13040307)    152.68779 (13040307)    163.01286 (13040307)
176.63475 (13040307)
 4191245.2 |    138.64866 (14112517)    145.68019 (13040307)    157.56775 (13040307)    169.52689 (13040307)
182.78793 (13040307)
 4191225.2 |    145.20615 (14112517)    150.59667 (13040307)    162.99617 (13040307)    176.84226 (13040307)
190.64121 (13040307)
 4191205.2 |    154.16852 (15021007)    158.15761 (15021007)    168.88753 (13040307)    184.25816 (13040307)
199.53818 (13040307)
 4191185.2 |    169.80693 (16012008)    174.79554 (16012008)    186.68015 (15012009)    199.53137 (15012009)
209.78946 (13040307)
 4191165.2 |    191.37878 (14010708)    198.43519 (14010708)    208.60907 (15012009)    217.64214 (15012009)
224.24252 (14010708)
 4191145.2 |    222.85687 (14010708)    233.58220 (14010708)    245.16926 (14010708)    257.75700 (14010708)
272.43709 (14010708)
 4191125.2 |    267.08239 (13030108)    284.33006 (13030108)    303.78957 (13030108)    325.94152 (13030108)
351.42552 (13030108)
 4191105.2 |    309.74580 (13030108)    333.07393 (13030108)    360.45583 (13030108)    393.17572 (13030108)
433.13347 (13030108)
 4191085.2 |    331.88561 (15032607)    361.52624 (15032607)    396.54559 (15032607)    443.70350 (15012608)
503.45413 (15012608)
 4191065.2 |    358.97380 (15012608)    391.84637 (14010608)    439.10244 (14010608)    494.08947 (14010608)
554.66718 (14010608)
 4191045.2 |    380.33480 (14010608)    407.14878 (14010608)    434.16865 (14010608)    497.26239 (17122807)
589.42348 (13121309)
 4191025.2 |    384.26955 (17122807)    435.35821 (13121309)    499.20460 (13121309)    567.62842 (13121309)
644.61972 (13121309)
 4191005.2 |    445.53474 (13011717)    489.20119 (13121309)    538.20522 (13121309)    623.56579 (17012607)
767.51019 (17012607)
 4190985.2 |    570.73313 (13011717)    620.31196 (13011717)    673.02026 (13011717)    753.38035 (17012607)
939.41981 (13122608)
```

 4190965.2 | 773.73794 (13011717)   927.97909 (14121317)   1095.83564 (13012308)   1232.38345 (13010717)
1381.62918 (13010717)
 4190945.2 | 1323.78186 (13010717)   1391.54731 (13010717)   1266.59797 (13010717)   1182.49888 (14091907)
1124.90724 (14091907)
 4190925.2 | 1139.70317 (13110808)   1108.08547 (13110808)   1056.16988 (14021208)   938.45085 (16110807)
769.98813 (13121617)
 4190905.2 | 963.91920 (14091607)   840.58596 (15011408)   772.76101 (16110807)   645.36760 (14112407)
576.51399 (17111317)
 4190885.2 | 689.10214 (15011408)   649.60809 (16110807)   582.01731 (14112407)   498.28950 (15011207)
463.30680 (17111317)
 4190865.2 | 557.05158 (13010908)   511.24182 (14112407)   460.81335 (15011207)   392.58371 (14112008)
376.16977 (17111317)
 4190845.2 | 446.55545 (16110807)   418.72457 (14112407)   381.55846 (15011207)   349.23598 (14112008)
327.87457 (14040707)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: UNIVERSI
***
                                INCLUDING SOURCE(S):   L0000458   , L0000459   , L0000460   , L0000461   ,
L0000462   ,
                L0000463   , L0000464   , L0000465   , L0000466   , L0000467   , L0000468   , L0000469   ,
L0000470   ,
                L0000471   , L0000472   , L0000473   , L0000474   , L0000475   , L0000476   , L0000477   ,
L0000478   ,
                L0000479   , L0000480   , L0000481   , L0000482   , L0000483   , L0000484   , L0000485   ,
. . .   ,

                               *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                    ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560417.30   560437.30   560457.30   560477.30
560497.30
 -
- - - - - - - -

 4190825.2 | 390.72362 (14112407)   361.99387 (15011207)   311.87637 (13121408)   309.97516 (14112008)
289.13595 (14040707)
 4190805.2 | 329.51369 (15011207)   307.40758 (15011207)   285.47941 (14112008)   278.75134 (13012108)
257.10078 (14040707)
 4190785.2 | 296.44666 (15011207)   261.55485 (13121408)   262.68952 (14112008)   251.92566 (14040707)
230.44120 (13013107)
 4190765.2 | 257.45810 (15011207)   239.56689 (14112008)   243.19101 (13012108)   229.59451 (14040707)
213.03413 (13013107)
 4190745.2 | 225.56128 (13121408)   225.68603 (14112008)   224.88458 (13012108)   209.47876 (14040707)
197.13061 (13013107)
 4190725.2 | 205.04896 (14112008)   212.70141 (13012108)   206.67730 (13012108)   192.55080 (13013107)
182.57671 (13013107)
 4190705.2 | 196.37153 (14112008)   200.95689 (13012108)   189.71591 (14040707)   181.48199 (13013107)
169.27372 (13013107)
 4190685.2 | 187.05587 (13012108)   188.41374 (13012108)   176.17232 (14040707)   170.93238 (13013107)
159.21280 (13010807)
 4190665.2 | 179.72271 (13012108)   175.56801 (13012108)   163.87003 (13013107)   160.90563 (13013107)
151.68788 (13010807)
 4190645.2 | 171.29902 (13012108)   162.85190 (13012108)   156.72791 (13013107)   151.41764 (13013107)
144.70581 (13010807)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: UNIVERSI
***
INCLUDING SOURCE(S): L0000458 , L0000459 , L0000460 , L0000461 ,
L0000462 ,
L0000463 , L0000464 , L0000465 , L0000466 , L0000467 , L0000468 , L0000469 ,
L0000470 ,
L0000471 , L0000472 , L0000473 , L0000474 , L0000475 , L0000476 , L0000477 ,
L0000478 ,
L0000479 , L0000480 , L0000481 , L0000482 , L0000483 , L0000484 , L0000485 ,
. . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	560517.30	560537.30	560557.30	560577.30	560597.30
4191625.2	100.67368 (17112408)	105.02002 (15011607)	107.66560 (15011607)	105.78780 (15011607)	100.29548 (15011607)
4191605.2	104.14415 (17112408)	107.85580 (15011607)	110.96629 (15011607)	109.32294 (15011607)	103.78551 (15011607)
4191585.2	107.86338 (17112408)	110.41734 (15011607)	113.83648 (15011607)	112.52553 (15011607)	107.06972 (15011607)
4191565.2	111.78526 (17112408)	112.79833 (15011607)	116.65054 (15011607)	115.56274 (15011607)	110.30522 (15010517)
4191545.2	115.42882 (17112408)	115.77987 (15011607)	120.37461 (15011607)	119.44419 (15011607)	114.94604 (15010517)
4191525.2	119.58715 (17112408)	119.52979 (15011607)	124.87131 (15011607)	124.06099 (15011607)	120.49969 (15010517)
4191505.2	123.86979 (17112408)	122.99749 (15011607)	129.05169 (15011607)	128.49243 (15011607)	125.83718 (15010517)
4191485.2	128.69706 (17112408)	127.03779 (15011607)	133.72913 (15011607)	133.27564 (15011607)	131.61184 (15010517)
4191465.2	133.78463 (17112408)	131.37449 (15011607)	138.83892 (15011607)	138.45467 (15011607)	137.87506 (15010517)
4191445.2	138.21057 (17112408)	137.03512 (17112408)	143.74225 (15011607)	144.08131 (15011607)	144.68741 (15010517)
4191425.2	142.83596 (17112408)	143.32009 (17112408)	149.58999 (15011607)	150.66130 (15011607)	152.72773 (15010517)
4191405.2	148.13418 (17112408)	150.51552 (17112408)	156.28430 (15011607)	157.86454 (15011607)	161.66964 (15010517)
4191385.2	153.20183 (17112408)	157.13920 (17112408)	162.55386 (15011607)	165.43702 (15011607)	170.83700 (15010517)
4191365.2	158.77280 (13040307)	164.41201 (17112408)	169.26741 (15011607)	173.48364 (15011607)	180.41120 (15010517)
4191345.2	166.37717 (13040307)	172.50762 (17112408)	176.36378 (15011607)	181.56487 (15011607)	190.10157 (15010517)
4191325.2	174.07523 (13040307)	181.06085 (17112408)	184.79959 (15011607)	191.71324 (15011607)	202.38548 (15010517)
4191305.2	181.70595 (13040307)	190.02837 (17112408)	194.05414 (15011607)	203.13973 (15011607)	216.20213 (15010517)
4191285.2	189.10411 (13040307)	199.33913 (17112408)	204.24084 (15011607)	216.10555 (15011607)	231.84866 (15010517)
4191265.2	196.15598 (13040307)	210.62112 (13040307)	218.43178 (17112408)	230.94744 (15011607)	249.68891 (15010517)
4191245.2	202.89058 (13040307)	223.69508 (13040307)	234.61251 (17112408)	248.10538 (15011607)	276.51148 (14112517)
4191225.2	209.59251 (13040307)	236.69891 (13040307)	252.56418 (17112408)	268.16099 (15011607)	313.70310 (14112517)
4191205.2	216.88258 (13040307)	249.11081 (13040307)	272.25358 (17112408)	291.88863 (15011607)	359.96500 (14112517)
4191185.2	225.66747 (13040307)	260.61068 (13040307)	293.42850 (17112408)	321.43010 (14012008)	418.29159 (14112517)

 4191165.2 | 237.65622 (13040307)   271.59808 (13040307)   319.68418 (13040307)   364.08093 (14012008)
492.26409 (14112517)
 4191145.2 | 289.15252 (14010708)   307.74808 (14010708)   346.49310 (13040307)   424.99782 (14112517)
584.52552 (14112517)
 4191125.2 | 382.31326 (13030108)   423.28674 (13030108)   469.22731 (13030108)   525.01902 (13030108)
699.54939 (15021907)
 4191105.2 | 484.36419 (13030108)   558.76550 (13030108)   661.08374 (13030108)   796.42172 (15032607)
911.75069 (15032607)
 4191085.2 | 579.08268 (15012608)   687.65349 (14010608)   876.76835 (14010608)   920.84203 (14010608)
966.68267 (15012009)
 4191065.2 | 621.29158 (14010608)   745.19097 (13121309)   977.47386 (13121309)   915.73944 (13121309)
1074.74414 (15012009)
 4191045.2 | 702.87604 (13121309)   843.45137 (13121309)   860.25907 (17012607)   1112.95922 (15012009)
1143.80958 (13011717)
 4191025.2 | 780.28754 (17012607)   927.87149 (13122608)   932.31999 (15012009)   1072.13860 (13011717)
1142.67664 (14121317)
 4191005.2 | 880.83538 (13122608)   865.96520 (13011717)   1140.20432 (13121117)   1295.00631 (13012308)
1203.38325 (13010717)
 4190985.2 | 1042.32309 (13012308)   1280.43432 (13012308)   1506.93347 (13010717)   1217.66333 (13010717)
919.08044 (13010717)
 4190965.2 | 1395.26921 (13010717)   1231.69286 (13010717)   1045.67001 (14091907)   906.21838 (14091907)
786.07194 (14091907)
 4190945.2 | 1007.16408 (14091907)   873.09180 (13020407)   769.85595 (13020407)   688.67165 (13020407)
623.07955 (13020407)
 4190925.2 | 702.48564 (13121617)   646.31925 (13121617)   598.89345 (13121617)   558.88884 (13121617)
524.28518 (13121617)
 4190905.2 | 541.23578 (17111317)   509.98130 (17111317)   482.34968 (17111317)   458.25209 (17111317)
436.75234 (17111317)
 4190885.2 | 441.02718 (17111317)   420.75941 (17111317)   402.38611 (17111317)   386.04709 (17111317)
371.47460 (17111317)
 4190865.2 | 361.53944 (17111317)   347.97648 (17111317)   335.43850 (17111317)   324.28377 (17111317)
313.94295 (17111317)
 4190845.2 | 286.95193 (14040707)   278.24916 (17111317)   270.48794 (17111317)   263.20056 (17111317)
256.25295 (17111317)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: UNIVERSI
***
                               INCLUDING SOURCE(S):   L0000458   , L0000459   , L0000460   , L0000461   ,
L0000462   ,
               L0000463   , L0000464   , L0000465   , L0000466   , L0000467   , L0000468   , L0000469   ,
L0000470   ,
               L0000471   , L0000472   , L0000473   , L0000474   , L0000475   , L0000476   , L0000477   ,
L0000478   ,
               L0000479   , L0000480   , L0000481   , L0000482   , L0000483   , L0000484   , L0000485   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560517.30   560537.30   560557.30   560577.30
560597.30
 -
- - - - - - - -

 4190825.2 | 254.91144 (13013107)   231.35132 (13010807)   204.95901 (15010808)   199.79018 (17111317)
196.63677 (17111317)
 4190805.2 | 230.32261 (13013107)   212.47725 (13010807)   188.92206 (15010808)   177.74655 (15011308)
164.63145 (15012007)
 4190785.2 | 210.46476 (13010807)   196.11335 (13010807)   176.32472 (15011308)   166.66936 (15011308)
155.93235 (15012007)

 4190765.2 | 196.59167 (13010807)   182.52653 (15010808)   165.47864 (15011308)   156.97353 (15011308)
148.16581 (15012007)
 4190745.2 | 184.22740 (13010807)   171.10242 (15010808)   155.94472 (15011308)   148.40884 (15011308)
141.18483 (15012007)
 4190725.2 | 173.10992 (13010807)   160.91947 (15010808)   147.49051 (15011308)   140.78249 (15011308)
134.87117 (15012007)
 4190705.2 | 163.04904 (13010807)   151.78848 (15010808)   139.93701 (15011308)   133.94357 (15011308)
129.12881 (15012007)
 4190685.2 | 153.90096 (13010807)   143.55904 (15010808)   133.14397 (15011308)   127.77232 (15011308)
123.87902 (15012007)
 4190665.2 | 145.55277 (13010807)   136.10933 (15010808)   126.99975 (15011308)   122.17254 (15011308)
119.05671 (15012007)
 4190645.2 | 137.91292 (13010807)   129.33910 (15010808)   121.41425 (15011308)   117.06605 (15011308)
114.60771 (15012007)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: UNIVERSI
***
                                INCLUDING SOURCE(S):   L0000458   , L0000459   , L0000460   , L0000461   ,
L0000462   ,
                L0000463   , L0000464   , L0000465   , L0000466   , L0000467   , L0000468   , L0000469   ,
L0000470   ,
                L0000471   , L0000472   , L0000473   , L0000474   , L0000475   , L0000476   , L0000477   ,
L0000478   ,
                L0000479   , L0000480   , L0000481   , L0000482   , L0000483   , L0000484   , L0000485   ,
. . .   ,

                               *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                    ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560617.30   560637.30   560657.30   560677.30
560697.30
 -
- - - - - - - -

 4191625.2 | 110.38517 (15010517)   117.27805 (15010517)   116.79297 (15010517)   120.25959 (15112108)
132.99447 (14112517)
 4191605.2 | 114.62206 (15010517)   121.26764 (15010517)   120.01492 (15010517)   126.88209 (14112517)
139.83543 (14112517)
 4191585.2 | 117.96361 (15010517)   123.70856 (15010517)   121.68377 (15010517)   132.75058 (14112517)
145.31245 (14112517)
 4191565.2 | 121.62032 (15010517)   126.60768 (15010517)   123.66892 (14112517)   139.42406 (14112517)
151.71159 (14112517)
 4191545.2 | 126.89423 (15010517)   131.66910 (15010517)   131.83445 (14112517)   148.57340 (14112517)
160.52116 (14112517)
 4191525.2 | 133.29348 (15010517)   137.78895 (15010517)   141.59748 (14112517)   159.25728 (14112517)
169.46935 (14112517)
 4191505.2 | 138.91612 (15010517)   142.44912 (15010517)   150.94797 (14112517)   168.75466 (14112517)
176.86961 (14112517)
 4191485.2 | 144.92157 (15010517)   147.27336 (15010517)   161.22473 (14112517)   178.50193 (14112517)
183.91321 (14112517)
 4191465.2 | 151.34268 (15010517)   152.25783 (15010517)   172.45827 (14112517)   188.34749 (14112517)
190.26955 (14112517)
 4191445.2 | 158.21530 (15010517)   160.89405 (14112517)   184.65082 (14112517)   199.00835 (14112517)
196.44095 (14112517)
 4191425.2 | 166.23503 (15010517)   173.89126 (14112517)   198.35257 (14112517)   209.55467 (14112517)
201.44122 (14112517)
 4191405.2 | 174.92377 (15010517)   188.59545 (14112517)   212.96350 (14112517)   219.42599 (14112517)
205.48665 (14112517)
 4191385.2 | 183.57605 (15010517)   204.51218 (14112517)   227.68729 (14112517)   228.44967 (14112517)
225.14086 (15021907)

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 4191365.2 |    192.64654 (15010517)    222.26066 (14112517)    242.77783 (14112517)    236.49115 (14112517)
251.11113 (13121417)
 4191345.2 |    204.55264 (14112517)    241.89956 (14112517)    257.83463 (14112517)    243.31059 (14112517)
278.26206 (13121417)
 4191325.2 |    224.81254 (14112517)    263.38918 (14112517)    272.34345 (14112517)    273.88453 (13121417)
303.72817 (13121417)
 4191305.2 |    247.81642 (14112517)    285.76391 (14112517)    285.56104 (14112517)    311.07035 (13121417)
323.07203 (13121417)
 4191285.2 |    273.82263 (14112517)    307.66937 (14112517)    300.76726 (15021907)    345.68230 (13121417)
348.52688 (13121308)
 4191265.2 |    305.02782 (14112517)    332.07779 (14112517)    348.16922 (13121417)    374.51314 (13121417)
365.57588 (13121308)
 4191245.2 |    340.87182 (14112517)    356.05580 (14112517)    399.51319 (13121417)    410.69245 (13121308)
375.93939 (13122017)
 4191225.2 |    381.43055 (14112517)    395.01514 (15021907)    443.72179 (13121417)    435.30219 (13121308)
461.01677 (17031607)
 4191205.2 |    426.07072 (14112517)    470.84098 (13121417)    498.88636 (13121308)    480.12480 (17031607)
605.63258 (15020708)
 4191185.2 |    473.04745 (14112517)    545.95650 (13121308)    537.08930 (13121308)    647.95660 (15020708)
831.46518 (15012009)
 4191165.2 |    569.11147 (13121417)    632.93101 (13121308)    690.72800 (15020708)    931.76260 (15012009)
999.81555 (15012009)
 4191145.2 |    708.51857 (13121308)    733.41977 (15020708)   1052.26818 (15012009)   1172.01463 (15012009)
1205.87496 (14012907)
 4191125.2 |    816.02920 (13121308)   1059.50945 (15012009)   1250.47598 (15012009)   1294.37929 (14012907)
1336.13647 (13011717)
 4191105.2 |    826.18300 (15012608)    806.65872 (14010608)    898.23229 (14010608)    892.68029 (13011717)
885.44550 (13121309)
 4191085.2 |   1107.21894 (15012009)   1022.41939 (14012907)    914.77147 (13011717)    783.88975 (13011717)
674.94336 (13122608)
 4191065.2 |   1045.86400 (14012907)   1003.58057 (13011717)    788.96695 (13121117)    761.31539 (13121117)
707.53521 (13012308)
 4191045.2 |   1009.54378 (13011717)    904.59465 (13121117)    846.11283 (13012308)    803.95329 (13012308)
741.17533 (13010717)
 4191025.2 |   1063.42454 (13012308)    970.84425 (13012308)    894.09647 (13010717)    807.34515 (13010717)
704.27784 (13010717)
 4191005.2 |   1061.49251 (13010717)    887.93338 (13010717)    720.80748 (13010717)    569.90014 (13010717)
518.04329 (14122717)
 4190985.2 |    719.43468 (14122717)    672.96807 (14091907)    628.88113 (14091907)    583.20300 (14091907)
537.78105 (14091907)
 4190965.2 |    682.95370 (14091907)    598.29006 (14091907)    528.57445 (13020407)    494.82087 (13020407)
464.89109 (13020407)
 4190945.2 |    566.76815 (13020407)    522.88837 (13121617)    487.52022 (13121617)    457.00528 (13121617)
430.38358 (13121617)
 4190925.2 |    491.61011 (13121617)    463.89936 (13121617)    439.08342 (13121617)    416.71584 (13121617)
396.44028 (13121617)
 4190905.2 |    415.79344 (17111317)    397.43108 (17111317)    380.37028 (17111317)    364.40066 (17111317)
349.37938 (17111317)
 4190885.2 |    357.16980 (17111317)    344.56802 (17111317)    332.96244 (17111317)    322.18441 (17111317)
312.08716 (17111317)
 4190865.2 |    303.78126 (17111317)    294.66305 (17111317)    286.23600 (17111317)    278.41850 (17111317)
271.13224 (17111317)
 4190845.2 |    249.76925 (17111317)    243.80932 (17111317)    238.22872 (17111317)    232.99554 (17111317)
228.07734 (17111317)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

PAGE  1475
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

                            *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  UNIVERSI
***
                                INCLUDING SOURCE(S):     L0000458    , L0000459    , L0000460    , L0000461    ,
L0000462    ,
                L0000463    , L0000464    , L0000465    , L0000466    , L0000467    , L0000468    , L0000469    ,
L0000470    ,
                L0000471    , L0000472    , L0000473    , L0000474    , L0000475    , L0000476    , L0000477    ,
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L0000478   ,
                L0000479   , L0000480   , L0000481   , L0000482   , L0000483   , L0000484   , L0000485   ,
. . .   ,

                                  *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                       ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560617.30   560637.30   560657.30   560677.30
560697.30
 -
- - - - - - - -

 4190825.2 | 193.59457 (17111317)   190.66959 (17111317)   187.86238 (17111317)   185.16958 (17111317)
182.58530 (17111317)
 4190805.2 | 158.77342 (14010617)   153.41610 (14010617)   147.15238 (13012507)   144.44455 (13012507)
141.84550 (13012507)
 4190785.2 | 149.10914 (16120508)   145.54573 (14010617)   141.15745 (14010617)   135.67141 (14010617)
131.35743 (13012507)
 4190765.2 | 141.84069 (16120508)   137.60422 (14010617)   134.64559 (14010617)   130.98201 (14010617)
126.40895 (14010617)
 4190745.2 | 135.21242 (16120508)   130.16210 (14010617)   127.99734 (14010617)   125.48669 (14010617)
122.37902 (14010617)
 4190725.2 | 129.14587 (16120508)   124.56934 (16120508)   121.69330 (14010617)   119.83096 (14010617)
117.66723 (14010617)
 4190705.2 | 123.57100 (16120508)   120.01321 (16120508)   115.93645 (14010617)   114.41731 (14010617)
112.79128 (14010617)
 4190685.2 | 118.42623 (16120508)   115.70256 (16120508)   111.07688 (16111207)   109.42764 (14010617)
108.08802 (14010617)
 4190665.2 | 113.65807 (16120508)   111.62683 (16120508)   107.54352 (16111207)   104.90343 (14010617)
103.71756 (14010617)
 4190645.2 | 109.22063 (16120508)   107.77252 (16120508)   104.13143 (16111207)   100.81066 (14010617)
99.72179 (14010617)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                             *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: UNIVERSI
***
                                 INCLUDING SOURCE(S):   L0000458   , L0000459   , L0000460   , L0000461   ,
L0000462   ,
                L0000463   , L0000464   , L0000465   , L0000466   , L0000467   , L0000468   , L0000469   ,
L0000470   ,
                L0000471   , L0000472   , L0000473   , L0000474   , L0000475   , L0000476   , L0000477   ,
L0000478   ,
                L0000479   , L0000480   , L0000481   , L0000482   , L0000483   , L0000484   , L0000485   ,
. . .   ,

                                  *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                       ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560717.30   560737.30   560757.30   560777.30
560797.30
 -
- - - - - - - -

 4191625.2 | 141.74983 (14112517)   143.37609 (14112517)   137.83922 (14112517)   129.49206 (15021907)
141.58731 (13121417)
 4191605.2 | 146.84898 (14112517)   146.25772 (14112517)   138.95913 (14112517)   138.46340 (15021907)
151.56550 (13121417)
 4191585.2 | 150.57847 (14112517)   147.84877 (14112517)   138.78276 (14112517)   147.59194 (15021907)
161.08008 (13121417)

 4191565.2 | 156.53073 (14112517)   151.25673 (14112517)   142.58377 (15021907)   157.36573 (13121417)
169.25513 (13121417)
 4191545.2 | 162.55467 (14112517)   154.51465 (14112517)   154.94546 (15021907)   169.34162 (13121417)
176.41503 (13121417)
 4191525.2 | 167.98779 (14112517)   157.04035 (14112517)   168.02362 (13121417)   181.32054 (13121417)
182.12012 (13121417)
 4191505.2 | 172.10207 (14112517)   164.57293 (15021907)   182.86228 (13121417)   193.12342 (13121417)
188.17332 (13121308)
 4191485.2 | 175.36286 (14112517)   179.09235 (15021907)   197.60695 (13121417)   201.51810 (13121417)
196.86721 (13121308)
 4191465.2 | 177.98785 (14112517)   195.76462 (13121417)   210.73889 (13121417)   206.70986 (13121308)
203.33305 (15020707)
 4191445.2 | 190.17947 (15021907)   213.42114 (13121417)   220.79877 (13121417)   216.45670 (13121308)
211.55737 (13122017)
 4191425.2 | 208.27692 (13121417)   229.68470 (13121417)   227.38722 (13121308)   223.75824 (15020707)
216.87830 (13122017)
 4191405.2 | 230.59788 (13121417)   242.93181 (13121417)   239.05229 (13121308)   233.16754 (13122017)
213.56808 (13122017)
 4191385.2 | 252.10115 (13121417)   252.16083 (13121417)   247.21069 (15020707)   237.01802 (13122017)
234.66860 (17031607)
 4191365.2 | 270.42514 (13121417)   267.02617 (13121308)   258.22142 (13122017)   233.39383 (17031607)
272.27893 (17031607)
 4191345.2 | 283.47420 (13121417)   276.73610 (15020707)   260.53966 (13122017)   281.73892 (17031607)
298.10998 (17031607)
 4191325.2 | 302.46293 (13121308)   289.31389 (13122017)   284.54391 (17031607)   317.45812 (17031607)
362.86025 (15020708)
 4191305.2 | 314.92952 (13121308)   288.60900 (13122017)   336.91958 (17031607)   378.06815 (15020708)
437.68719 (15012009)
 4191285.2 | 327.65644 (13122017)   351.08676 (17031607)   395.64354 (15020708)   464.00710 (15012009)
516.82648 (15012009)
 4191265.2 | 358.64512 (17031607)   408.89650 (15020708)   491.67319 (15012009)   560.51708 (15012009)
551.06759 (15012009)
 4191245.2 | 432.97932 (17031607)   522.71859 (15020708)   608.89238 (15012009)   605.20553 (15012009)
568.71600 (16120517)
 4191225.2 | 564.60796 (15020708)   674.37746 (15012009)   670.58888 (15012009)   634.78892 (16120517)
664.01826 (14012907)
 4191205.2 | 747.67604 (15012009)   762.70591 (15012009)   724.27050 (16120517)   759.84876 (14012907)
766.67949 (14012907)
 4191185.2 | 866.81276 (15012009)   830.66690 (16120517)   885.50184 (14012907)   865.12955 (14012907)
964.62017 (13011717)
 4191165.2 | 974.25415 (14012907)   1040.69942 (14012907)   1075.25668 (13011717)   1175.05884 (13011717)
1231.00877 (13011717)
 4191145.2 | 1191.31797 (13011717)   1297.93466 (13011717)   1264.78081 (13011717)   1223.81437 (14121317)
1323.46818 (14121317)
 4191125.2 | 1108.56711 (13011717)   1056.29632 (14121317)   1014.81692 (14121317)   911.45632 (14121317)
874.74278 (13121617)
 4191105.2 | 810.18245 (13121309)   786.58952 (17111317)   841.87230 (17111317)   786.22266 (17111317)
724.01983 (17111317)
 4191085.2 | 657.14265 (13121117)   620.26610 (13121117)   601.64338 (13012308)   580.80060 (13012308)
545.63739 (13012308)
 4191065.2 | 693.24888 (13012308)   656.54768 (13012308)   617.99458 (13010717)   588.26844 (13010717)
546.06405 (13010717)
 4191045.2 | 707.91117 (13010717)   651.97716 (13010717)   579.85834 (13010717)   505.44663 (13010717)
431.86899 (13010717)
 4191025.2 | 596.07878 (13010717)   493.09944 (13010717)   422.11434 (14122717)   402.17170 (14122717)
376.95530 (14122717)
 4191005.2 | 480.82101 (14091907)   465.83352 (14091907)   447.41054 (14091907)   426.52587 (14091907)
404.06715 (14091907)
 4190985.2 | 493.84332 (14091907)   452.13033 (14091907)   413.03686 (14091907)   376.72664 (14091907)
343.21554 (14091907)
 4190965.2 | 438.10031 (13020407)   413.91729 (13020407)   391.92667 (13020407)   371.80061 (13020407)
353.27765 (13020407)
 4190945.2 | 406.92569 (13121617)   386.07011 (13121617)   367.37931 (13121617)   350.50826 (13121617)
335.18187 (13121617)
 4190925.2 | 377.96732 (13121617)   361.05884 (13121617)   345.51701 (13121617)   331.17615 (13121617)
317.89658 (13121617)
 4190905.2 | 335.20849 (17111317)   321.81770 (17111317)   309.15280 (17111317)   297.16869 (17111317)
285.82536 (17111317)
 4190885.2 | 302.54911 (17111317)   293.47411 (17111317)   284.78926 (17111317)   276.44118 (17111317)

268.39190 (17111317)
 4190865.2 | 264.30324 (17111317)   257.86312 (17111317)   251.75031 (17111317)   245.91102 (17111317)
240.29978 (17111317)
 4190845.2 | 223.44206 (17111317)   219.05856 (17111317)   214.89690 (17111317)   210.92862 (17111317)
207.12702 (17111317)

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: UNIVERSI
***
                                INCLUDING SOURCE(S):   L0000458   , L0000459   , L0000460   , L0000461   ,
L0000462   ,
                L0000463   , L0000464   , L0000465   , L0000466   , L0000467   , L0000468   , L0000469   ,
L0000470   ,
                L0000471   , L0000472   , L0000473   , L0000474   , L0000475   , L0000476   , L0000477   ,
L0000478   ,
                L0000479   , L0000480   , L0000481   , L0000482   , L0000483   , L0000484   , L0000485   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560717.30   560737.30   560757.30   560777.30
560797.30
 -
- - - - - - - -

 4190825.2 | 180.10215 (17111317)   177.71193 (17111317)   175.40614 (17111317)   173.17622 (17111317)
171.01368 (17111317)
 4190805.2 | 139.33601 (13012507)   136.88603 (13012507)   135.21291 (17111317)   134.56463 (17111317)
133.89399 (17111317)
 4190785.2 | 129.45846 (13012507)   127.59375 (13012507)   125.75634 (13012507)   123.93154 (13012507)
122.09752 (13012507)
 4190765.2 | 121.02941 (14010617)   118.05968 (13012507)   116.81223 (13012507)   115.54267 (13012507)
114.25243 (13012507)
 4190745.2 | 118.50802 (14010617)   113.93100 (14010617)   108.94054 (14010617)   106.42184 (13012507)
105.72734 (13012507)
 4190725.2 | 114.99514 (14010617)   111.67572 (14010617)   107.73672 (14010617)   103.38963 (14010617)
99.00789 (17113007)
 4190705.2 | 110.90218 (14010617)   108.57772 (14010617)   105.69952 (14010617)   102.27603 (14010617)
98.46095 (14010617)
 4190685.2 | 106.65097 (14010617)   104.98349 (14010617)   102.94092 (14010617)   100.42116 (14010617)
97.42001 (14010617)
 4190665.2 | 102.52403 (14010617)   101.24112 (14010617)   99.75550 (14010617)   97.94480 (14010617)
95.72014 (14010617)
 4190645.2 | 98.66111 (14010617)   97.58844 (14010617)   96.43344 (14010617)   95.09927 (14010617)
93.48173 (14010617)

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: UNIVERSI
***
                                INCLUDING SOURCE(S):   L0000458   , L0000459   , L0000460   , L0000461   ,
L0000462   ,
                L0000463   , L0000464   , L0000465   , L0000466   , L0000467   , L0000468   , L0000469   ,
L0000470   ,
                L0000471   , L0000472   , L0000473   , L0000474   , L0000475   , L0000476   , L0000477   ,

L0000478 ,
L0000479 , L0000480 , L0000481 , L0000482 , L0000483 , L0000484 , L0000485 ,
. . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	560817.30	560837.30	560857.30	560877.30	560897.30
4191625.2	153.08673 (13121417)	156.27623 (13121417)	152.08934 (13121308)	149.70640 (15020707)	148.93179 (13122017)
4191605.2	160.49916 (13121417)	159.49020 (13121417)	156.69644 (13121308)	155.01796 (15020707)	151.79499 (13122017)
4191585.2	166.16016 (13121417)	162.04479 (13121308)	159.78190 (15020707)	159.18737 (13122017)	151.04986 (13122017)
4191565.2	169.69893 (13121417)	167.42782 (13121308)	165.10394 (15020707)	160.99316 (13122017)	146.54509 (13122017)
4191545.2	172.96567 (13121308)	171.01265 (15020707)	169.71404 (13122017)	158.85572 (13122017)	152.53605 (17031607)
4191525.2	179.39310 (13121308)	177.02478 (15020707)	171.37061 (13122017)	153.41562 (13122017)	174.08459 (17031607)
4191505.2	183.43433 (13121308)	182.37015 (13122017)	168.58577 (13122017)	174.60637 (17031607)	193.32545 (17031607)
4191485.2	191.27591 (15020707)	183.67212 (13122017)	172.62306 (17031607)	197.92268 (17031607)	206.57350 (17031607)
4191465.2	199.15353 (13122017)	179.48649 (13122017)	200.14604 (17031607)	215.14101 (17031607)	225.63215 (15020708)
4191445.2	198.17789 (13122017)	200.87956 (17031607)	224.07867 (17031607)	229.20304 (15020708)	260.61373 (15020708)
4191425.2	198.79270 (17031607)	230.07313 (17031607)	237.95486 (17031607)	268.89446 (15020708)	294.67594 (15012009)
4191405.2	234.23841 (17031607)	250.09788 (17031607)	275.80894 (15020708)	305.22374 (15012009)	339.07244 (15012009)
4191385.2	259.75863 (17031607)	279.72181 (15020708)	316.26606 (15020708)	356.37207 (15012009)	370.14121 (15012009)
4191365.2	286.11856 (15020708)	327.53903 (15020708)	371.06057 (15012009)	392.62261 (15012009)	378.30359 (15012009)
4191345.2	346.24911 (15020708)	388.41777 (15012009)	415.26776 (15012009)	403.96138 (15012009)	374.05863 (16122217)
4191325.2	414.05066 (15012009)	441.10800 (15012009)	429.85268 (15012009)	400.45182 (16122217)	422.11988 (16120517)
4191305.2	478.91111 (15012009)	459.92372 (15012009)	427.14733 (16122217)	455.07544 (16120517)	463.51911 (14012907)
4191285.2	504.67587 (15012009)	461.31865 (16120517)	487.55660 (16120517)	508.54119 (14012907)	517.43441 (14012907)
4191265.2	513.08410 (16120517)	526.84754 (16120517)	551.22940 (14012907)	554.77290 (14012907)	557.03098 (14010709)
4191245.2	585.83005 (14012907)	609.14243 (14012907)	598.03588 (14012907)	607.29958 (13011717)	677.67926 (13011717)
4191225.2	685.58897 (14012907)	664.34387 (14010709)	721.38137 (13011717)	782.73572 (13011717)	801.06046 (13011717)
4191205.2	784.31920 (13011717)	869.13365 (13011717)	902.08211 (13011717)	896.78737 (13011717)	880.63881 (13011717)
4191185.2	1034.38416 (13011717)	1061.69566 (13011717)	1046.29028 (13011717)	1044.36617 (13121117)	1144.38560 (13121117)
4191165.2	1166.83906 (13011717)	1228.43859 (13121117)	1314.67457 (13012308)	1385.42753 (14121317)	1377.10413 (13010717)
4191145.2	1194.89014 (14121317)	1089.74014 (14121317)	989.07711 (14091907)	932.51771 (13020407)	912.94450 (13020407)
4191125.2	882.05389 (13121617)	891.81986 (17111317)	832.41829 (17111317)	766.69218 (17111317)	709.71530 (17111317)
4191105.2	670.34293 (17111317)	624.69001 (17111317)	585.60257 (17111317)	551.75887 (17111317)	522.77807 (17111317)
4191085.2	523.25519 (13010717)	502.50462 (13010717)	470.43912 (13010717)	431.92669 (13010717)	

390.03801 (13010717)
 4191065.2 | 495.36447 (13010717)   441.04611 (13010717)   385.38485 (13010717)   331.74823 (13010717)
288.48906 (14122717)
 4191045.2 | 363.10265 (13010717)   339.65460 (14122717)   327.21164 (14122717)   311.00438 (14122717)
293.83041 (14091907)
 4191025.2 | 363.06014 (14091907)   355.56105 (14091907)   345.77822 (14091907)   334.14810 (14091907)
321.10300 (14091907)
 4191005.2 | 380.78130 (14091907)   357.26459 (14091907)   333.97408 (14091907)   311.24738 (14091907)
289.32416 (14091907)
 4190985.2 | 328.08073 (13020407)   317.05234 (13020407)   306.38293 (13020407)   296.06408 (13020407)
286.08719 (13020407)
 4190965.2 | 336.14705 (13020407)   320.23719 (13020407)   305.40683 (13020407)   291.53860 (13020407)
278.53398 (13020407)
 4190945.2 | 321.17846 (13121617)   308.31760 (13121617)   296.45108 (13121617)   285.45607 (13121617)
275.22992 (13121617)
 4190925.2 | 305.55973 (13121617)   294.06439 (13121617)   283.32366 (13121617)   273.26255 (13121617)
263.81596 (13121617)
 4190905.2 | 275.08583 (17111317)   264.91509 (17111317)   255.27968 (17111317)   246.14755 (17111317)
237.48809 (17111317)
 4190885.2 | 260.61501 (17111317)   253.09229 (17111317)   245.81116 (17111317)   238.76271 (17111317)
231.94029 (17111317)
 4190865.2 | 234.87933 (17111317)   229.62009 (17111317)   224.49933 (17111317)   219.50017 (17111317)
214.61056 (17111317)
 4190845.2 | 203.46749 (17111317)   199.92782 (17111317)   196.48840 (17111317)   193.13238 (17111317)
189.84570 (17111317)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: UNIVERSI
***
                                INCLUDING SOURCE(S):   L0000458   , L0000459   , L0000460   , L0000461   ,
L0000462   ,
                L0000463   , L0000464   , L0000465   , L0000466   , L0000467   , L0000468   , L0000469   ,
L0000470   ,
                L0000471   , L0000472   , L0000473   , L0000474   , L0000475   , L0000476   , L0000477   ,
L0000478   ,
                L0000479   , L0000480   , L0000481   , L0000482   , L0000483   , L0000484   , L0000485   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560817.30   560837.30   560857.30   560877.30
560897.30
 -
- - - - - - - -

 4190825.2 | 168.91019 (17111317)   166.85765 (17111317)   164.84823 (17111317)   162.87449 (17111317)
160.92951 (17111317)
 4190805.2 | 133.20182 (17111317)   132.48875 (17111317)   131.75522 (17111317)   131.00154 (17111317)
130.22782 (17111317)
 4190785.2 | 120.22732 (13012507)   118.29212 (13012507)   116.26498 (13012507)   114.12426 (13012507)
111.85604 (13012507)
 4190765.2 | 112.93711 (13012507)   111.58679 (13012507)   110.18730 (13012507)   108.72201 (13012507)
107.17407 (13012507)
 4190745.2 | 104.96742 (13012507)   104.14897 (13012507)   103.27429 (13012507)   102.34140 (13012507)
101.34467 (13012507)
 4190725.2 | 97.57624 (17113007)   96.02376 (17113007)   95.43755 (13012507)   95.03633 (13012507)
94.55405 (13012507)
 4190705.2 | 94.50169 (14010617)   92.46331 (17113007)   91.19557 (17113007)   89.80783 (17113007)
88.26505 (17113007)
 4190685.2 | 94.04942 (14010617)   90.50500 (14010617)   87.84251 (17113007)   86.79783 (17113007)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: UNIVERSI
***
                               INCLUDING SOURCE(S):   L0000458   , L0000459   , L0000460   , L0000461   ,
L0000462   ,
               L0000463   , L0000464   , L0000465   , L0000466   , L0000467   , L0000468   , L0000469   ,
L0000470   ,
               L0000471   , L0000472   , L0000473   , L0000474   , L0000475   , L0000476   , L0000477   ,
L0000478   ,
               L0000479   , L0000480   , L0000481   , L0000482   , L0000483   , L0000484   , L0000485   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560917.30   560937.30   560957.30   560977.30
560997.30
 -
- - - - - - - -

 4191625.2 | 143.09729 (13122017)   129.62791 (13122017)   139.31990 (17031607)   153.20812 (17031607)
158.55380 (17031607)
 4191605.2 | 140.18506 (13122017)   137.94595 (17031607)   154.83728 (17031607)   163.49834 (17031607)
161.61406 (17031607)
 4191585.2 | 135.71109 (17031607)   155.50434 (17031607)   167.85700 (17031607)   168.93573 (17031607)
181.79975 (15020708)
 4191565.2 | 154.50151 (17031607)   170.92390 (17031607)   176.06403 (17031607)   184.57108 (15020708)
202.67194 (15020708)
 4191545.2 | 172.90939 (17031607)   182.08413 (17031607)   186.65675 (15020708)   207.34031 (15020708)
220.76460 (15020708)
 4191525.2 | 188.03646 (17031607)   188.24263 (15020708)   211.41975 (15020708)   227.49889 (15020708)
247.83422 (15012009)
 4191505.2 | 196.48993 (17031607)   216.02642 (15020708)   235.16679 (15020708)   255.93485 (15012009)
271.29636 (15012009)
 4191485.2 | 220.71885 (15020708)   243.03194 (15020708)   265.19707 (15012009)   283.52235 (15012009)
285.63267 (15012009)
 4191465.2 | 252.05217 (15020708)   274.13526 (15012009)   296.61545 (15012009)   300.56353 (15012009)
287.72643 (15012009)
 4191445.2 | 284.96517 (15012009)   309.97532 (15012009)   314.99592 (15012009)   301.71598 (15012009)
280.66858 (16122217)
 4191425.2 | 324.38173 (15012009)   332.07029 (15012009)   317.56509 (15012009)   294.99766 (16122217)
304.39504 (16120517)
 4191405.2 | 349.24738 (15012009)   335.38199 (15012009)   311.58945 (16122217)   323.07905 (16120517)
331.58902 (16120517)
 4191385.2 | 355.59788 (15012009)   330.07188 (16122217)   343.84634 (16120517)   350.50519 (16120517)
354.79643 (14012907)
 4191365.2 | 350.76359 (16122217)   367.01191 (16120517)   371.17851 (16120517)   381.37907 (14012907)
388.69605 (14012907)
 4191345.2 | 392.95151 (16120517)   393.80225 (16120517)   410.66557 (14012907)   413.94120 (14012907)
403.71130 (14010709)
 4191325.2 | 423.93554 (14012907)   442.90948 (14012907)   440.99546 (14012907)   438.62122 (14010709)
440.00561 (14010709)
 4191305.2 | 478.38884 (14012907)   469.95695 (14012907)   474.88252 (14010709)   484.05904 (13011717)
525.84512 (13011717)
 4191285.2 | 507.21178 (14010709)   512.02035 (14010709)   555.17219 (13011717)   589.05006 (13011717)

602.52105 (13011717)
 4191265.2 | 584.48081 (13011717)   632.10553 (13011717)   654.53857 (13011717)   656.41896 (13011717)
645.20031 (13011717)
 4191245.2 | 714.00357 (13011717)   722.37503 (13011717)   713.11666 (13011717)   696.29922 (13011717)
680.53776 (13011717)
 4191225.2 | 795.16041 (13011717)   778.42378 (13011717)   762.59710 (13011717)   809.15624 (13121117)
918.57803 (13121117)
 4191205.2 | 865.11106 (13011717)   973.68215 (13121117)   1129.41429 (13121117)   1189.17821 (13121117)
1306.76935 (13012308)
 4191185.2 | 1239.15441 (13012308)   1330.71353 (13012308)   1431.21442 (13010717)   1423.35574 (13010717)
1294.15497 (13010717)
 4191165.2 | 1120.67183 (13010717)   997.26986 (14091907)   954.90698 (14091907)   1007.58395 (13020407)
945.25774 (13020407)
 4191145.2 | 910.74696 (13121617)   834.14916 (13121617)   765.90365 (13121617)   721.72658 (17111317)
666.91649 (17111317)
 4191125.2 | 663.92195 (17111317)   623.10378 (17111317)   586.69329 (17111317)   550.97466 (17111317)
513.89104 (17111317)
 4191105.2 | 497.87481 (17111317)   471.03084 (17111317)   442.43168 (17111317)   421.08816 (17111317)
405.78540 (17111317)
 4191085.2 | 354.19747 (17111317)   342.88413 (17111317)   331.10741 (17111317)   321.00728 (17111317)
313.23837 (17111317)
 4191065.2 | 283.14385 (14122717)   274.69185 (14122717)   263.82655 (14122717)   250.52521 (14122717)
244.11107 (14091907)
 4191045.2 | 291.00513 (14091907)   286.79094 (14091907)   280.82905 (14091907)   273.32580 (14091907)
264.85401 (14091907)
 4191025.2 | 307.46679 (14091907)   292.69067 (14091907)   276.97738 (14091907)   261.93737 (14091907)
247.03480 (14091907)
 4191005.2 | 268.75613 (14091907)   248.55352 (14091907)   240.14271 (13020407)   235.17812 (13020407)
230.23989 (13020407)
 4190985.2 | 276.91388 (13020407)   267.26386 (13020407)   257.42189 (13020407)   248.48049 (13020407)
240.15531 (13020407)
 4190965.2 | 266.44610 (13020407)   255.13686 (13020407)   243.36780 (13020407)   232.75972 (13020407)
223.11290 (13020407)
 4190945.2 | 265.68622 (13121617)   257.12074 (13121617)   247.94928 (13121617)   239.50730 (13121617)
232.13473 (13121617)
 4190925.2 | 254.92718 (13121617)   246.82642 (13121617)   238.16559 (13121617)   230.18710 (13121617)
223.02039 (13121617)
 4190905.2 | 229.27217 (17111317)   221.77345 (17111317)   213.89689 (17111317)   206.46537 (17111317)
199.70233 (17111317)
 4190885.2 | 225.33857 (17111317)   219.13574 (17111317)   212.78227 (17111317)   206.42603 (17111317)
200.39831 (17111317)
 4190865.2 | 209.82229 (17111317)   205.20920 (17111317)   200.69587 (17111317)   195.92361 (17111317)
191.06361 (17111317)
 4190845.2 | 186.61694 (17111317)   183.43721 (17111317)   180.40160 (17111317)   177.22362 (17111317)
173.71362 (17111317)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: UNIVERSI
***
                               INCLUDING SOURCE(S):   L0000458   , L0000459   , L0000460   , L0000461   ,
L0000462   ,
               L0000463   , L0000464   , L0000465   , L0000466   , L0000467   , L0000468   , L0000469   ,
L0000470   ,
               L0000471   , L0000472   , L0000473   , L0000474   , L0000475   , L0000476   , L0000477   ,
L0000478   ,
               L0000479   , L0000480   , L0000481   , L0000482   , L0000483   , L0000484   , L0000485   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)

(METERS) | 560917.30   560937.30   560957.30   560977.30
560997.30
- -

4190825.2 | 159.00698 (17111317)   157.10134 (17111317)   155.20782 (17111317)   153.39036 (17111317)
151.08786 (17111317)
4190805.2 | 129.43406 (17111317)   128.62015 (17111317)   127.78592 (17111317)   126.99531 (17111317)
125.78815 (17111317)
4190785.2 | 109.45539 (13012507)   106.92624 (13012507)   104.28044 (13012507)   101.57817 (13012507)
100.14941 (13122807)
4190765.2 | 105.52867 (13012507)   103.77484 (13012507)   101.90669 (13012507)   99.95945 (13012507)
97.78602 (13012507)
4190745.2 | 100.27596 (13012507)   99.12596 (13012507)   97.88567 (13012507)   96.58458 (13012507)
95.11598 (13012507)
4190725.2 | 93.99365 (13012507)   93.35511 (13012507)   92.63605 (13012507)   91.84425 (13012507)
90.96901 (13012507)
4190705.2 | 86.67102 (13012507)   86.53965 (13012507)   86.31466 (13012507)   85.99932 (13012507)
85.61498 (13012507)
4190685.2 | 84.41633 (17113007)   83.02507 (17113007)   81.47414 (17113007)   79.75714 (17113007)
79.18369 (13012507)
4190665.2 | 81.83042 (17113007)   80.81416 (17113007)   79.68551 (17113007)   78.42612 (17113007)
77.05374 (17113007)
4190645.2 | 78.99391 (17113007)   78.24917 (17113007)   77.42797 (17113007)   76.51450 (17113007)
75.51203 (17113007)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: UNIVERSI
***
INCLUDING SOURCE(S):   L0000458   , L0000459   , L0000460   , L0000461   ,
L0000462   ,
L0000463   , L0000464   , L0000465   , L0000466   , L0000467   , L0000468   , L0000469   ,
L0000470   ,
L0000471   , L0000472   , L0000473   , L0000474   , L0000475   , L0000476   , L0000477   ,
L0000478   ,
L0000479   , L0000480   , L0000481   , L0000482   , L0000483   , L0000484   , L0000485   ,
. . .   ,

*** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10   IN MICROGRAMS/M**3   **

Y-COORD | X-COORD (METERS)
(METERS) | 561017.30   561037.30   561057.30   561077.30
561097.30
- -

4191625.2 | 159.61973 (15020708)   175.62828 (15020708)   187.57246 (15020708)   199.20415 (15012009)
212.04936 (15012009)
4191605.2 | 178.78670 (15020708)   192.56168 (15020708)   204.21040 (15012009)   218.58087 (15012009)
225.04127 (15012009)
4191585.2 | 197.16758 (15020708)   209.35657 (15012009)   226.14883 (15012009)   233.30420 (15012009)
231.37599 (15012009)
4191565.2 | 214.07833 (15012009)   232.96059 (15012009)   242.70289 (15012009)   241.34038 (15012009)
230.85340 (15012009)
4191545.2 | 240.37248 (15012009)   251.74182 (15012009)   251.36824 (15012009)   240.76652 (15012009)
223.75895 (16122217)
4191525.2 | 261.80605 (15012009)   262.10730 (15012009)   251.00976 (15012009)   233.73574 (16122217)
237.98977 (16122217)
4191505.2 | 272.78278 (15012009)   261.81631 (15012009)   244.06596 (16122217)   247.88022 (16122217)
258.15368 (16120517)
4191485.2 | 273.20678 (15012009)   254.67507 (16122217)   259.23207 (16120517)   270.91152 (16120517)

272.03065 (16120517)
 4191465.2 | 266.87287 (16122217)   272.24578 (16120517)   283.92726 (16120517)   284.76344 (16120517)
287.68603 (14012907)
 4191445.2 | 287.73530 (16120517)   298.35373 (16120517)   296.12164 (16120517)   304.69975 (14012907)
310.88860 (14012907)
 4191425.2 | 314.25743 (16120517)   309.59105 (16120517)   323.11027 (14012907)   326.95131 (14012907)
321.66127 (14012907)
 4191405.2 | 330.67511 (14012907)   343.35937 (14012907)   344.30835 (14012907)   335.71354 (14012907)
344.24544 (14010709)
 4191385.2 | 365.19263 (14012907)   362.62362 (14012907)   359.33076 (14010709)   364.94219 (14010709)
358.33257 (14010709)
 4191365.2 | 381.92643 (14012907)   385.82981 (14010709)   385.43112 (14010709)   398.50416 (13011717)
426.73559 (13011717)
 4191345.2 | 412.85418 (14010709)   409.97869 (13011717)   446.64074 (13011717)   470.08021 (13011717)
477.95764 (13011717)
 4191325.2 | 465.82283 (13011717)   497.25486 (13011717)   512.69981 (13011717)   511.84597 (13011717)
502.77145 (13011717)
 4191305.2 | 549.46841 (13011717)   555.04445 (13011717)   546.79425 (13011717)   529.24016 (13011717)
509.20757 (13011717)
 4191285.2 | 600.00399 (13011717)   581.84515 (13011717)   557.66337 (13011717)   540.79820 (13011717)
520.19346 (13011717)
 4191265.2 | 628.50614 (13011717)   603.75444 (13011717)   582.76444 (13121117)   655.63629 (13121117)
717.88903 (13121117)
 4191245.2 | 688.63529 (13121117)   767.63011 (13121117)   843.91719 (13121117)   946.65437 (13121117)
1013.92335 (13121117)
 4191225.2 | 1027.75672 (13121117)   1122.25172 (13121117)   1172.39788 (13012308)   1262.34945 (13012308)
1278.78303 (13010717)
 4191205.2 | 1368.93558 (13012308)   1408.99696 (13010717)   1327.10064 (13010717)   1169.72671 (13010717)
1044.49074 (14091907)
 4191185.2 | 1193.23344 (14091907)   1140.51458 (14091907)   1015.11341 (14091907)   903.60320 (13020407)
815.74568 (13020407)
 4191165.2 | 872.09694 (13121617)   803.35208 (13121617)   716.34414 (13121617)   642.46708 (13121617)
595.65494 (13121617)
 4191145.2 | 624.01419 (17111317)   581.65334 (17111317)   544.86419 (17111317)   505.95958 (17111317)
472.74119 (17111317)
 4191125.2 | 495.36129 (17111317)   468.05678 (17111317)   442.62884 (17111317)   419.53923 (17111317)
398.15078 (17111317)
 4191105.2 | 396.13014 (17111317)   381.33834 (17111317)   361.92588 (17111317)   348.61744 (17111317)
336.10769 (17111317)
 4191085.2 | 309.30022 (17111317)   302.11971 (17111317)   290.89099 (17111317)   282.80730 (17111317)
275.05325 (17111317)
 4191065.2 | 242.05270 (14091907)   238.42326 (14091907)   233.23407 (14091907)   226.99540 (14091907)
221.05516 (14091907)
 4191045.2 | 255.46244 (14091907)   245.53126 (14091907)   234.84968 (14091907)   221.62508 (14091907)
210.65169 (14091907)
 4191025.2 | 231.31722 (14091907)   217.30588 (14091907)   203.86532 (14091907)   190.12251 (14091907)
185.98564 (13020407)
 4191005.2 | 223.80782 (13020407)   219.24708 (13020407)   214.65376 (13020407)   209.45218 (13020407)
203.32012 (13020407)
 4190985.2 | 232.10928 (13020407)   224.33500 (13020407)   216.82561 (13020407)   209.57480 (13020407)
202.01485 (13020407)
 4190965.2 | 215.31043 (13121617)   209.05844 (13121617)   202.90584 (13121617)   197.69642 (13121617)
193.01443 (13121617)
 4190945.2 | 224.70085 (13121617)   217.44811 (13121617)   210.70631 (13121617)   205.36066 (13121617)
200.30085 (13121617)
 4190925.2 | 215.23117 (13121617)   208.61444 (13121617)   203.01748 (13121617)   198.14322 (13121617)
192.87998 (13121617)
 4190905.2 | 192.47798 (17111317)   186.64930 (17111317)   181.50711 (17111317)   176.97993 (13121617)
172.25282 (13121617)
 4190885.2 | 194.43071 (17111317)   189.46098 (17111317)   184.86072 (17111317)   180.04827 (17111317)
175.06972 (17111317)
 4190865.2 | 186.77903 (17111317)   182.93473 (17111317)   179.01740 (17111317)   174.97683 (17111317)
170.89659 (17111317)
 4190845.2 | 171.01100 (17111317)   168.10417 (17111317)   165.20401 (17111317)   162.27437 (17111317)
159.35599 (17111317)

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: UNIVERSI
***
                                INCLUDING SOURCE(S):   L0000458   , L0000459   , L0000460   , L0000461   ,
L0000462   ,
               L0000463   , L0000464   , L0000465   , L0000466   , L0000467   , L0000468   , L0000469   ,
L0000470   ,
               L0000471   , L0000472   , L0000473   , L0000474   , L0000475   , L0000476   , L0000477   ,
L0000478   ,
               L0000479   , L0000480   , L0000481   , L0000482   , L0000483   , L0000484   , L0000485   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 561017.30   561037.30   561057.30   561077.30
561097.30
 -
- - - - - - - -

 4190825.2 | 149.55316 (17111317)   147.77288 (17111317)   145.91870 (17111317)   144.04274 (17111317)
142.16872 (17111317)
 4190805.2 | 125.15869 (17111317)   124.33626 (17111317)   123.30694 (17111317)   122.35073 (17111317)
121.37559 (17111317)
 4190785.2 | 100.11897 (17111317)   100.04088 (17111317)   99.78197 (17111317)   99.56993 (17111317)
99.32515 (17111317)
 4190765.2 | 95.65240 (13012507)   93.41140 (13012507)   91.01753 (13012507)   88.62188 (13012507)
87.34887 (13122807)
 4190745.2 | 93.57400 (13012507)   91.95312 (13012507)   90.17533 (13012507)   88.34606 (13012507)
86.44072 (13012507)
 4190725.2 | 89.91449 (13012507)   88.86012 (13012507)   87.72395 (13012507)   86.43475 (13012507)
85.05749 (13012507)
 4190705.2 | 85.03233 (13012507)   84.46536 (13012507)   83.84779 (13012507)   83.08946 (13012507)
82.21163 (13012507)
 4190685.2 | 79.07801 (13012507)   78.97168 (13012507)   78.80957 (13012507)   78.51654 (13012507)
78.10014 (13012507)
 4190665.2 | 75.43591 (17113007)   73.76462 (17113007)   72.69504 (13012507)   72.81341 (13012507)
72.87974 (13012507)
 4190645.2 | 74.33621 (17113007)   73.06864 (17113007)   71.67881 (17113007)   70.06139 (17113007)
68.51798 (17113007)

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: UNIVERSI
***
                                INCLUDING SOURCE(S):   L0000458   , L0000459   , L0000460   , L0000461   ,
L0000462   ,
               L0000463   , L0000464   , L0000465   , L0000466   , L0000467   , L0000468   , L0000469   ,
L0000470   ,
               L0000471   , L0000472   , L0000473   , L0000474   , L0000475   , L0000476   , L0000477   ,
L0000478   ,
               L0000479   , L0000480   , L0000481   , L0000482   , L0000483   , L0000484   , L0000485   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)

(METERS) | 561117.30 561137.30 561157.30 561177.30
561197.30
- -
- - - - - - - -

4191625.2 | 217.55183 (15012009) 215.19734 (15012009) 206.41776 (15012009) 193.78333 (15012009)
197.27939 (16122217)
4191605.2 | 222.98865 (15012009) 213.79927 (15012009) 200.31756 (15012009) 204.20232 (16122217)
208.05855 (16120517)
4191585.2 | 221.75596 (15012009) 207.34154 (15012009) 211.61229 (16122217) 216.63497 (16120517)
222.61717 (16120517)
4191565.2 | 214.91286 (15012009) 219.56120 (16122217) 225.83289 (16120517) 231.25940 (16120517)
229.91489 (16120517)
4191545.2 | 228.10820 (16122217) 235.71754 (16120517) 240.44268 (16120517) 237.83511 (16120517)
241.16525 (14012907)
4191525.2 | 246.36232 (16120517) 250.21048 (16120517) 246.13620 (16120517) 253.45505 (14012907)
258.87000 (14012907)
4191505.2 | 260.60974 (16120517) 255.93381 (14012907) 266.49702 (14012907) 270.45253 (14012907)
268.41210 (14012907)
4191485.2 | 270.86251 (14012907) 280.33084 (14012907) 282.52182 (14012907) 278.43246 (14012907)
278.01546 (14010709)
4191465.2 | 294.99447 (14012907) 295.07815 (14012907) 288.68852 (14012907) 294.39995 (14010709)
296.55880 (14010709)
4191445.2 | 308.12252 (14012907) 303.35950 (14010709) 310.84010 (14010709) 309.23343 (14010709)
305.51010 (13011717)
4191425.2 | 323.62673 (14010709) 326.40618 (14010709) 320.31480 (14010709) 337.69809 (13011717)
358.45963 (13011717)
4191405.2 | 342.74951 (14010709) 344.40936 (13011717) 370.11270 (13011717) 387.23429 (13011717)
394.39699 (13011717)
4191385.2 | 386.07508 (13011717) 408.19491 (13011717) 420.41449 (13011717) 423.87956 (13011717)
419.38879 (13011717)
4191365.2 | 443.15033 (13011717) 449.50475 (13011717) 447.09556 (13011717) 438.74865 (13011717)
427.53740 (13011717)
4191345.2 | 474.15149 (13011717) 465.85624 (13011717) 453.51028 (13011717) 440.60455 (13011717)
429.64169 (13011717)
4191325.2 | 487.82715 (13011717) 473.07649 (13011717) 460.62306 (13011717) 452.42017 (13011717)
457.37951 (13121117)
4191305.2 | 491.55096 (13011717) 482.22120 (13011717) 510.98006 (13121117) 570.92145 (13121117)
621.83409 (13121117)
4191285.2 | 566.19751 (13121117) 627.78604 (13121117) 696.54052 (13121117) 756.96798 (13121117)
769.91310 (13121117)
4191265.2 | 779.49804 (13121117) 829.33898 (13121117) 834.16301 (13012308) 872.82388 (13012308)
863.28187 (13012308)
4191245.2 | 1067.46436 (13012308) 1054.90923 (13012308) 983.83217 (13010717) 916.18542 (13010717)
843.42540 (13010717)
4191225.2 | 1229.42716 (13010717) 1079.83637 (13010717) 889.08832 (13010717) 711.63257 (13010717)
669.66713 (14091907)
4191205.2 | 1003.48429 (14091907) 882.82226 (14091907) 776.41607 (14091907) 679.15197 (14091907)
611.13090 (13020407)
4191185.2 | 733.95026 (13020407) 665.98352 (13121617) 627.73547 (13121617) 590.48939 (13121617)
549.94658 (13121617)
4191165.2 | 560.29969 (13121617) 529.13271 (13121617) 501.53566 (13121617) 476.80341 (13121617)
454.38320 (13121617)
4191145.2 | 444.32755 (17111317) 424.80152 (17111317) 407.37330 (17111317) 392.74420 (17111317)
382.43832 (17111317)
4191125.2 | 379.41766 (17111317) 364.90442 (17111317) 351.77677 (17111317) 340.51238 (17111317)
331.65226 (17111317)
4191105.2 | 324.43790 (17111317) 313.65177 (17111317) 303.75242 (17111317) 294.69383 (17111317)
286.39830 (17111317)
4191085.2 | 267.67435 (17111317) 260.71383 (17111317) 254.19598 (17111317) 248.12039 (17111317)
242.46640 (17111317)
4191065.2 | 214.96809 (14091907) 210.52980 (17111317) 206.85967 (17111317) 203.37055 (17111317)
200.06550 (17111317)
4191045.2 | 200.81939 (14091907) 190.21401 (14091907) 179.78749 (14091907) 169.61246 (14091907)
163.00245 (17111317)
4191025.2 | 181.79314 (13020407) 179.84655 (13020407) 177.11540 (13020407) 174.18724 (13020407)
171.21973 (13020407)
4191005.2 | 196.62461 (13020407) 192.38904 (13020407) 187.67813 (13020407) 182.89913 (13020407)
178.20528 (13020407)

 4190985.2 | 194.65172 (13020407)   188.22546 (13020407)   182.02721 (13020407)   176.05157 (13020407)
170.29260 (13020407)
 4190965.2 | 188.49093 (13121617)   183.91106 (13121617)   179.19258 (13121617)   174.65928 (13121617)
171.23270 (13121617)
 4190945.2 | 195.24444 (13121617)   190.09376 (13121617)   184.89413 (13121617)   180.01590 (13121617)
175.92562 (13121617)
 4190925.2 | 187.64701 (13121617)   182.64993 (13121617)   177.87519 (13121617)   173.31030 (13121617)
168.94361 (13121617)
 4190905.2 | 167.50926 (13121617)   163.24583 (13121617)   159.15758 (13121617)   155.23595 (13121617)
151.47285 (13121617)
 4190885.2 | 170.14722 (17111317)   165.70716 (17111317)   161.43330 (17111317)   157.32137 (17111317)
153.36697 (17111317)
 4190865.2 | 166.73943 (17111317)   163.07961 (17111317)   159.45558 (17111317)   155.93123 (17111317)
152.50666 (17111317)
 4190845.2 | 156.47520 (17111317)   153.76100 (17111317)   150.99753 (17111317)   148.27133 (17111317)
145.59297 (17111317)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: UNIVERSI
***
                                INCLUDING SOURCE(S):   L0000458   , L0000459   , L0000460   , L0000461   ,
L0000462   ,
                L0000463   , L0000464   , L0000465   , L0000466   , L0000467   , L0000468   , L0000469   ,
L0000470   ,
                L0000471   , L0000472   , L0000473   , L0000474   , L0000475   , L0000476   , L0000477   ,
L0000478   ,
                L0000479   , L0000480   , L0000481   , L0000482   , L0000483   , L0000484   , L0000485   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 561117.30   561137.30   561157.30   561177.30
561197.30
 -
- - - - - - - -

 4190825.2 | 140.30264 (17111317)   138.37584 (17111317)   136.48654 (17111317)   134.63785 (17111317)
132.79902 (17111317)
 4190805.2 | 120.38243 (17111317)   119.37231 (17111317)   118.34643 (17111317)   117.30608 (17111317)
116.25265 (17111317)
 4190785.2 | 99.04912 (17111317)   98.74327 (17111317)   98.40900 (17111317)   98.04764 (17111317)
97.66045 (17111317)
 4190765.2 | 86.57508 (13122807)   85.74772 (13122807)   84.86952 (13122807)   83.94370 (13122807)
82.97379 (13122807)
 4190745.2 | 84.47246 (13012507)   82.45569 (13012507)   80.40538 (13012507)   79.79223 (14010617)
79.55388 (14010617)
 4190725.2 | 83.60518 (13012507)   82.07394 (13012507)   80.47314 (13012507)   78.81347 (13012507)
77.10651 (13012507)
 4190705.2 | 81.25838 (13012507)   80.21573 (13012507)   79.08771 (13012507)   77.87979 (13012507)
76.59886 (13012507)
 4190685.2 | 77.60871 (13012507)   77.02623 (13012507)   76.35406 (13012507)   75.59436 (13012507)
74.75032 (13012507)
 4190665.2 | 72.81411 (13012507)   72.66181 (13012507)   72.41795 (13012507)   72.08397 (13012507)
71.66155 (13012507)
 4190645.2 | 67.00065 (13012507)   67.25642 (13012507)   67.41710 (13012507)   67.48488 (13012507)
67.46166 (13012507)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: UNIVERSI
***
                                INCLUDING SOURCE(S):   L0000458   , L0000459   , L0000460   , L0000461   ,
L0000462   ,
               L0000463   , L0000464   , L0000465   , L0000466   , L0000467   , L0000468   , L0000469   ,
L0000470   ,
               L0000471   , L0000472   , L0000473   , L0000474   , L0000475   , L0000476   , L0000477   ,
L0000478   ,
               L0000479   , L0000480   , L0000481   , L0000482   , L0000483   , L0000484   , L0000485   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 561217.30   561237.30   561257.30   561277.30
561297.30
 -
- - - - - - - -

 4191625.2 | 200.04556 (16120517)   206.79821 (16120517)   208.26309 (16120517)   204.94042 (16120517)
208.08409 (14012907)
 4191605.2 | 214.47582 (16120517)   215.14594 (16120517)   210.76355 (16120517)   217.32240 (14012907)
222.14093 (14012907)
 4191585.2 | 222.35760 (16120517)   218.67910 (14012907)   227.00794 (14012907)   230.84883 (14012907)
230.50601 (14012907)
 4191565.2 | 229.58692 (14012907)   237.15421 (14012907)   239.83955 (14012907)   238.14523 (14012907)
233.02376 (14012907)
 4191545.2 | 247.77221 (14012907)   249.10444 (14012907)   245.90375 (14012907)   243.10052 (14010709)
249.41382 (14010709)
 4191525.2 | 258.63258 (14012907)   253.76981 (14012907)   256.54109 (14010709)   260.53325 (14010709)
258.75742 (14010709)
 4191505.2 | 261.88183 (14010709)   270.03961 (14010709)   271.33455 (14010709)   266.85455 (14010709)
269.01948 (13011717)
 4191485.2 | 283.73561 (14010709)   282.13394 (14010709)   274.53084 (14010709)   294.59157 (13011717)
311.64932 (13011717)
 4191465.2 | 292.12328 (14010709)   301.48713 (13011717)   321.24719 (13011717)   334.86751 (13011717)
342.53289 (13011717)
 4191445.2 | 329.56235 (13011717)   346.39020 (13011717)   356.25256 (13011717)   359.21996 (13011717)
356.75769 (13011717)
 4191425.2 | 371.40247 (13011717)   377.07155 (13011717)   375.57124 (13011717)   369.03534 (13011717)
360.23603 (13011717)
 4191405.2 | 395.30163 (13011717)   392.24332 (13011717)   381.53795 (13011717)   370.28888 (13011717)
359.05788 (13011717)
 4191385.2 | 408.14457 (13011717)   394.60376 (13011717)   388.33911 (13011717)   376.83490 (13011717)
360.01138 (13011717)
 4191365.2 | 413.79658 (13011717)   400.84648 (13011717)   392.22028 (13011717)   376.79438 (13121117)
417.44594 (13121117)
 4191345.2 | 423.48423 (13011717)   416.50449 (13121117)   461.69182 (13121117)   500.50895 (13121117)
528.37262 (13121117)
 4191325.2 | 510.76917 (13121117)   557.77997 (13121117)   589.07594 (13121117)   601.03078 (13121117)
589.87832 (13121117)
 4191305.2 | 659.26468 (13121117)   672.84284 (13121117)   655.67271 (13121117)   658.57885 (13012308)
653.89720 (13012308)
 4191285.2 | 757.06651 (13012308)   760.89225 (13012308)   740.69807 (13012308)   710.90420 (13010717)
682.05946 (13010717)
 4191265.2 | 843.02685 (13010717)   816.24300 (13010717)   737.28425 (13010717)   664.02719 (13010717)
588.51442 (13010717)
 4191245.2 | 762.32439 (13010717)   664.86096 (13010717)   546.80561 (13010717)   494.40568 (14091907)
489.09862 (14091907)
 4191225.2 | 649.98070 (14091907)   614.73539 (14091907)   547.24042 (14091907)   499.46736 (14091907)
457.76303 (14091907)
 4191205.2 | 567.59961 (13020407)   525.84914 (13020407)   486.07582 (13020407)   451.36878 (13020407)
425.54948 (13020407)

 4191185.2 | 509.49497 (13121617)   472.70242 (13121617)   438.83226 (13121617)   408.78570 (13121617)
387.82754 (13121617)
 4191165.2 | 433.87361 (13121617)   411.95859 (13121617)   384.81651 (13121617)   368.66393 (13121617)
355.05963 (13121617)
 4191145.2 | 367.45927 (17111317)   349.93613 (17111317)   332.31555 (17111317)   319.60437 (17111317)
313.88846 (17111317)
 4191125.2 | 319.77535 (17111317)   307.69966 (17111317)   295.91383 (17111317)   290.80724 (17111317)
285.98782 (17111317)
 4191105.2 | 277.54121 (17111317)   269.25415 (17111317)   264.71891 (17111317)   259.14868 (17111317)
253.45561 (17111317)
 4191085.2 | 236.99852 (17111317)   231.68901 (17111317)   227.51486 (17111317)   223.38131 (17111317)
219.47230 (17111317)
 4191065.2 | 196.93843 (17111317)   193.97808 (17111317)   191.17100 (17111317)   188.50354 (17111317)
186.07433 (17111317)
 4191045.2 | 161.35997 (17111317)   159.79687 (17111317)   158.30593 (17111317)   156.87942 (17111317)
155.67443 (17111317)
 4191025.2 | 168.22377 (13020407)   165.20865 (13020407)   162.18234 (13020407)   159.41991 (13020407)
156.67029 (13020407)
 4191005.2 | 173.81453 (13020407)   169.47780 (13020407)   165.04396 (13020407)   160.93113 (13020407)
156.86605 (13020407)
 4190985.2 | 165.20141 (13020407)   160.16900 (13020407)   154.97161 (13020407)   149.96764 (13020407)
145.14964 (13020407)
 4190965.2 | 167.57101 (13121617)   164.03329 (13121617)   160.49081 (13121617)   157.09248 (13121617)
153.83019 (13121617)
 4190945.2 | 171.85816 (13121617)   167.81015 (13121617)   163.75923 (13121617)   159.93547 (13121617)
156.33073 (13121617)
 4190925.2 | 165.00500 (13121617)   161.15732 (13121617)   157.04166 (13121617)   153.24981 (13121617)
149.72237 (13121617)
 4190905.2 | 147.73595 (13121617)   144.14270 (13121617)   141.00487 (13121617)   137.85687 (13121617)
134.77758 (13121617)
 4190885.2 | 149.51228 (17111317)   145.80864 (17111317)   142.35512 (17111317)   139.03216 (17111317)
135.79536 (17111317)
 4190865.2 | 149.34522 (17111317)   146.19580 (17111317)   142.86758 (17111317)   139.75248 (17111317)
136.77462 (17111317)
 4190845.2 | 142.89807 (17111317)   140.15410 (17111317)   137.56348 (17111317)   134.72283 (17111317)
132.09577 (17111317)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: UNIVERSI
***
                               INCLUDING SOURCE(S):   L0000458   , L0000459   , L0000460   , L0000461   ,
L0000462   ,
               L0000463   , L0000464   , L0000465   , L0000466   , L0000467   , L0000468   , L0000469   ,
L0000470   ,
               L0000471   , L0000472   , L0000473   , L0000474   , L0000475   , L0000476   , L0000477   ,
L0000478   ,
               L0000479   , L0000480   , L0000481   , L0000482   , L0000483   , L0000484   , L0000485   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 561217.30   561237.30   561257.30   561277.30
561297.30
 -
- - - - - - - -

 4190825.2 | 131.04622 (17111317)   129.13090 (17111317)   127.19370 (17111317)   125.09202 (17111317)
123.08499 (17111317)
 4190805.2 | 115.18756 (17111317)   114.16331 (17111317)   112.93718 (17111317)   111.73611 (17111317)
110.57970 (17111317)

 4190785.2 | 97.24870 (17111317)   96.85638 (17111317)   96.28496 (17111317)   95.71459 (17111317)
95.21925 (17111317)
 4190765.2 | 81.96364 (13122807)   81.15606 (14010617)   80.65403 (14010617)   79.86107 (14010617)
79.11093 (14010617)
 4190745.2 | 79.18321 (14010617)   78.75982 (14010617)   78.42423 (14010617)   77.81795 (14010617)
77.09537 (14010617)
 4190725.2 | 76.63190 (14010617)   76.34716 (14010617)   76.04593 (14010617)   75.76253 (14010617)
75.12565 (14010617)
 4190705.2 | 75.25292 (13012507)   73.92630 (14010617)   73.71866 (14010617)   73.61545 (14010617)
73.27119 (14010617)
 4190685.2 | 73.82614 (13012507)   72.82705 (13012507)   71.75924 (13012507)   71.27362 (14010617)
71.13809 (14010617)
 4190665.2 | 71.15284 (13012507)   70.56057 (13012507)   69.88820 (13012507)   69.13990 (13012507)
69.06653 (14010617)
 4190645.2 | 67.34924 (13012507)   67.14949 (13012507)   66.86452 (13012507)   66.78797 (14010617)
66.91654 (14010617)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: UNIVERSI
***
                                INCLUDING SOURCE(S):   L0000458   , L0000459   , L0000460   , L0000461   ,
L0000462   ,
                L0000463   , L0000464   , L0000465   , L0000466   , L0000467   , L0000468   , L0000469   ,
L0000470   ,
                L0000471   , L0000472   , L0000473   , L0000474   , L0000475   , L0000476   , L0000477   ,
L0000478   ,
                L0000479   , L0000480   , L0000481   , L0000482   , L0000483   , L0000484   , L0000485   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 561317.30   561337.30   561357.30   561377.30
561397.30
 -
- - - - - - - -

 4191625.2 | 213.72176 (14012907)   215.17524 (14012907)   213.21344 (14012907)   209.20389 (14012907)
211.42150 (14010709)
 4191605.2 | 222.99981 (14012907)   219.95484 (14012907)   214.41434 (14010709)   221.03237 (14010709)
223.26186 (14010709)
 4191585.2 | 226.72529 (14012907)   226.23040 (14010709)   230.51611 (14010709)   230.84653 (14010709)
227.34919 (14010709)
 4191565.2 | 238.11252 (14010709)   240.49193 (14010709)   238.02086 (14010709)   232.62574 (14010709)
239.00532 (13011717)
 4191545.2 | 250.14082 (14010709)   245.52006 (14010709)   241.43567 (13011717)   259.26680 (13011717)
273.04047 (13011717)
 4191525.2 | 252.50251 (14010709)   264.45121 (13011717)   279.87013 (13011717)   291.43637 (13011717)
298.34452 (13011717)
 4191505.2 | 288.21274 (13011717)   301.51387 (13011717)   309.36389 (13011717)   313.38280 (13011717)
313.16527 (13011717)
 4191485.2 | 322.40114 (13011717)   327.74439 (13011717)   328.21407 (13011717)   324.66862 (13011717)
318.03272 (13011717)
 4191465.2 | 343.31322 (13011717)   341.87525 (13011717)   337.09074 (13011717)   326.61042 (13011717)
314.11431 (13011717)
 4191445.2 | 354.13394 (13011717)   346.81806 (13011717)   336.20038 (13011717)   319.87262 (13011717)
299.94273 (13011717)
 4191425.2 | 354.96332 (13011717)   343.18440 (13011717)   325.65820 (13011717)   300.84944 (13011617)
287.71117 (17122817)
 4191405.2 | 348.07111 (13011717)   328.28643 (13011717)   310.35827 (13121117)   343.64578 (13121117)
372.40841 (13121117)

 4191385.2 | 341.79373 (13121117)   378.53302 (13121117)   410.07605 (13121117)   433.68197 (13121117)
445.78318 (13121117)
 4191365.2 | 452.24943 (13121117)   477.71264 (13121117)   490.56548 (13121117)   488.77530 (13121117)
470.39216 (13121117)
 4191345.2 | 540.79348 (13121117)   535.06831 (13121117)   511.30602 (13121117)   508.21732 (13012308)
507.25176 (13012308)
 4191325.2 | 568.12780 (13012308)   575.83837 (13012308)   566.00939 (13012308)   541.32192 (13012308)
520.80210 (13010717)
 4191305.2 | 627.28699 (13012308)   602.79086 (13010717)   583.33745 (13010717)   551.97345 (13010717)
511.88547 (13010717)
 4191285.2 | 636.62709 (13010717)   581.85131 (13010717)   523.86702 (13010717)   467.11163 (13010717)
414.31515 (13010717)
 4191265.2 | 509.11159 (13010717)   442.68522 (13010717)   401.83162 (14122717)   374.66029 (14122717)
369.24190 (14091907)
 4191245.2 | 470.55347 (14091907)   453.30373 (14091907)   432.69279 (14091907)   407.90597 (14091907)
382.66105 (14091907)
 4191225.2 | 422.39958 (14091907)   394.19509 (14091907)   365.12097 (14091907)   349.48675 (13020407)
335.73368 (13020407)
 4191205.2 | 404.99321 (13020407)   392.72941 (13020407)   379.81859 (13020407)   360.47403 (13020407)
341.22878 (13020407)
 4191185.2 | 372.27937 (13121617)   365.59962 (13121617)   357.94679 (13121617)   343.01558 (13121617)
327.34637 (13121617)
 4191165.2 | 342.47020 (13121617)   334.94277 (13121617)   330.65295 (13121617)   320.06009 (13121617)
308.29888 (13121617)
 4191145.2 | 300.77449 (17111317)   295.69971 (17111317)   289.65672 (17111317)   280.20758 (17111317)
269.72673 (17111317)
 4191125.2 | 277.38326 (17111317)   271.91800 (17111317)   267.50982 (17111317)   261.81574 (17111317)
255.02381 (17111317)
 4191105.2 | 248.09164 (17111317)   243.00661 (17111317)   238.62772 (17111317)   234.92508 (17111317)
230.31200 (17111317)
 4191085.2 | 216.23146 (17111317)   212.34997 (17111317)   208.75817 (17111317)   206.19858 (17111317)
202.92180 (17111317)
 4191065.2 | 184.21625 (17111317)   181.80960 (17111317)   179.49492 (17111317)   177.64456 (17111317)
175.47169 (17111317)
 4191045.2 | 154.70413 (17111317)   153.47994 (17111317)   152.25126 (17111317)   151.04659 (17111317)
149.80748 (17111317)
 4191025.2 | 153.74093 (13020407)   150.75203 (13020407)   147.77393 (13020407)   145.00985 (13020407)
142.06254 (13020407)
 4191005.2 | 152.71420 (13020407)   148.66501 (13020407)   144.76279 (13020407)   141.14307 (13020407)
137.42238 (13020407)
 4190985.2 | 141.43545 (13121617)   139.01329 (13121617)   136.72632 (13121617)   134.71592 (13121617)
132.56775 (13121617)
 4190965.2 | 150.69627 (13121617)   147.68349 (13121617)   144.83534 (13121617)   142.29784 (13121617)
139.64071 (13121617)
 4190945.2 | 152.87241 (13121617)   149.55216 (13121617)   146.41156 (13121617)   143.59405 (13121617)
140.67442 (13121617)
 4190925.2 | 146.33626 (13121617)   143.08379 (13121617)   140.00370 (13121617)   137.23039 (13121617)
134.36661 (13121617)
 4190905.2 | 131.81546 (13121617)   128.96468 (13121617)   126.21967 (13121617)   123.65012 (13121617)
121.21562 (13121617)
 4190885.2 | 132.68774 (17111317)   129.70460 (17111317)   126.84134 (17111317)   124.09348 (17111317)
121.59611 (17111317)
 4190865.2 | 133.97374 (17111317)   131.22143 (17111317)   128.55772 (17111317)   125.98045 (17111317)
123.62612 (17111317)
 4190845.2 | 130.40587 (17111317)   128.13007 (17111317)   125.75844 (17111317)   123.56493 (17111317)
121.55763 (17111317)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: UNIVERSI
***
                               INCLUDING SOURCE(S):   L0000458   , L0000459   , L0000460   , L0000461   ,
L0000462   ,
                L0000463   , L0000464   , L0000465   , L0000466   , L0000467   , L0000468   , L0000469   ,

L0000470   ,
                L0000471   , L0000472   , L0000473   , L0000474   , L0000475   , L0000476   , L0000477   ,
L0000478   ,
                L0000479   , L0000480   , L0000481   , L0000482   , L0000483   , L0000484   , L0000485   ,
. . .   ,

                                  *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                       ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 561317.30   561337.30   561357.30   561377.30
561397.30
 -
- - - - - - - -

 4190825.2 | 121.70631 (17111317)   120.10706 (17111317)   118.44542 (17111317)   116.77269 (17111317)
115.24685 (17111317)
 4190805.2 | 108.91489 (17111317)   108.03399 (17111317)   107.31562 (17111317)   106.21256 (17111317)
105.22735 (17111317)
 4190785.2 | 94.72898 (17111317)   93.89767 (17111317)   92.93435 (17111317)   92.76566 (17111317)
92.43217 (17111317)
 4190765.2 | 78.88820 (17111317)   78.63874 (17111317)   78.09366 (17111317)   78.10411 (17111317)
78.21928 (17111317)
 4190745.2 | 76.49695 (14010617)   75.82089 (14010617)   75.07795 (14010617)   74.13605 (14010617)
73.74759 (14010617)
 4190725.2 | 74.34250 (14010617)   73.61376 (14010617)   73.02097 (14010617)   72.59632 (14010617)
72.09606 (14010617)
 4190705.2 | 72.57444 (14010617)   71.80037 (14010617)   71.18033 (14010617)   70.96296 (14010617)
70.47469 (14010617)
 4190685.2 | 70.94302 (14010617)   70.31554 (14010617)   69.58023 (14010617)   69.26275 (14010617)
68.90287 (14010617)
 4190665.2 | 69.05498 (14010617)   68.75350 (14010617)   68.26518 (14010617)   67.65567 (14010617)
67.28489 (14010617)
 4190645.2 | 67.01408 (14010617)   66.98349 (14010617)   66.69477 (14010617)   66.24607 (14010617)
65.85233 (14010617)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                             *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: UNIVERSI
***
                                 INCLUDING SOURCE(S):   L0000458   , L0000459   , L0000460   , L0000461   ,
L0000462   ,
                L0000463   , L0000464   , L0000465   , L0000466   , L0000467   , L0000468   , L0000469   ,
L0000470   ,
                L0000471   , L0000472   , L0000473   , L0000474   , L0000475   , L0000476   , L0000477   ,
L0000478   ,
                L0000479   , L0000480   , L0000481   , L0000482   , L0000483   , L0000484   , L0000485   ,
. . .   ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                       ** CONC OF PM_10   IN MICROGRAMS/M**3   **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC
(YYMMDDHH)
 -
- - - - - - - -
        560122.00   4190978.00   227.13215 (13040307)   560142.00   4190978.00   238.72356
(14112517)
        560162.00   4190978.00   258.87463 (14112517)   560182.00   4190978.00   269.08755
(14112517)
        560202.00   4190978.00   280.11229 (13121308)   560222.00   4190978.00   292.21223
(15012009)

560242.00 4190978.00 356.98610 (15012009) 560262.00 4190978.00 390.27679 (15012009)
560102.00 4190998.00 201.88311 (13040307) 560122.00 4190998.00 207.63777 (13040307)
560142.00 4190998.00 212.88399 (13040307) 560162.00 4190998.00 232.35378 (14112517)
560182.00 4190998.00 242.82670 (14112517) 560202.00 4190998.00 249.24035 (14112517)
560222.00 4190998.00 257.33897 (13121308) 560242.00 4190998.00 265.13546 (15012009)
560262.00 4190998.00 320.80656 (15012009) 560282.00 4190998.00 351.96501 (15012009)
560302.00 4190998.00 368.49709 (15012009) 560322.00 4190998.00 380.66900 (15012009)
560102.00 4191018.00 187.16622 (13040307) 560122.00 4191018.00 191.87797 (13040307)
560142.00 4191018.00 196.22598 (13040307) 560162.00 4191018.00 208.84240 (14112517)
560182.00 4191018.00 221.37268 (14112517) 560202.00 4191018.00 227.40706 (14112517)
560222.00 4191018.00 232.57063 (14112517) 560242.00 4191018.00 238.89641 (14112517)
560262.00 4191018.00 246.04570 (14112517) 560282.00 4191018.00 293.47460 (15012009)
560302.00 4191018.00 320.57666 (15012009) 560322.00 4191018.00 335.85399 (15012009)
560342.00 4191018.00 347.47278 (15012009) 560362.00 4191018.00 359.32355 (15012009)
560382.00 4191018.00 372.55230 (15012009) 560402.00 4191018.00 387.34156 (15012009)
560102.00 4191038.00 174.76640 (13040307) 560122.00 4191038.00 178.60255 (13040307)
560142.00 4191038.00 182.38574 (13040307) 560162.00 4191038.00 186.89632 (14112517)
560182.00 4191038.00 202.97141 (14112517) 560202.00 4191038.00 209.43309 (14112517)
560222.00 4191038.00 213.81681 (14112517) 560242.00 4191038.00 218.70948 (14112517)
560262.00 4191038.00 228.70567 (15012608) 560282.00 4191038.00 239.65586 (15012608)
560302.00 4191038.00 270.93297 (15012009) 560322.00 4191038.00 295.66917 (15012009)
560342.00 4191038.00 309.77231 (15012009) 560362.00 4191038.00 320.03263 (15012009)
560382.00 4191038.00 336.64586 (14010608) 560402.00 4191038.00 358.33707 (14010608)
560422.00 4191038.00 379.65942 (14010608) 560442.00 4191038.00 411.10877 (17113008)
560462.00 4191038.00 466.99050 (17122807) 560082.00 4191058.00 160.14353 (13040307)
560102.00 4191058.00 163.83539 (13040307) 560122.00 4191058.00 167.34617 (13040307)
560142.00 4191058.00 170.67611 (13040307) 560162.00 4191058.00 174.44921 (13040307)
560182.00 4191058.00 186.35090 (14112517) 560202.00 4191058.00 194.17244 (14112517)
560222.00 4191058.00 199.19731 (15032607) 560242.00 4191058.00 209.23131 (15032607)
560262.00 4191058.00 219.85814 (15032607) 560282.00 4191058.00 231.12941 (15032607)
560302.00 4191058.00 245.06173 (15012608) 560322.00 4191058.00 261.38256 (15012608)
560342.00 4191058.00 278.85311 (15012608) 560362.00 4191058.00 297.51617 (15012608)
560382.00 4191058.00 317.39047 (15012608) 560402.00 4191058.00 342.70352 (14010608)
560422.00 4191058.00 378.23545 (14010608) 560442.00 4191058.00 417.05649 (14010608)
560462.00 4191058.00 459.76416 (14010608) 560082.00 4191078.00 151.53361

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: UNIVERSI
***
INCLUDING SOURCE(S): L0000458 , L0000459 , L0000460 , L0000461 ,
L0000462 ,
L0000463 , L0000464 , L0000465 , L0000466 , L0000467 , L0000468 , L0000469 ,
L0000470 ,
L0000471 , L0000472 , L0000473 , L0000474 , L0000475 , L0000476 , L0000477 ,
L0000478 ,
L0000479 , L0000480 , L0000481 , L0000482 , L0000483 , L0000484 , L0000485 ,
. . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
560182.00	4191078.00	175.10806	(13030108)	560202.00	4191078.00	182.08050	(13030108)
560222.00	4191078.00	189.48698	(13030108)	560242.00	4191078.00	197.38011	(13030108)
560262.00	4191078.00	205.82404	(13030108)	560282.00	4191078.00	216.67976	(15032607)
560302.00	4191078.00	230.09819	(15032607)	560322.00	4191078.00	244.79009	(15032607)
560342.00	4191078.00	260.96710	(15032607)	560362.00	4191078.00	278.89477	(15032607)
560382.00	4191078.00	298.91221	(15032607)	560402.00	4191078.00	321.46161	(15032607)
560422.00	4191078.00	349.58600	(15012608)	560442.00	4191078.00	385.07774	(15012608)
560462.00	4191078.00	426.39094	(15012608)	560482.00	4191078.00	475.10025	(15012608)
560502.00	4191078.00	538.70494	(14010608)	560082.00	4191098.00	143.93553	(13040307)
560102.00	4191098.00	146.64858	(13040307)	560122.00	4191098.00	152.19393	(13030108)
560142.00	4191098.00	158.31687	(13030108)	560162.00	4191098.00	164.82172	(13030108)
560182.00	4191098.00	171.74674	(13030108)	560202.00	4191098.00	179.13830	(13030108)
560222.00	4191098.00	187.05250	(13030108)	560242.00	4191098.00	195.55742	(13030108)
560262.00	4191098.00	204.73575	(13030108)	560282.00	4191098.00	214.68856	(13030108)
560302.00	4191098.00	225.54024	(13030108)	560322.00	4191098.00	237.44545	(13030108)
560342.00	4191098.00	250.59900	(13030108)	560362.00	4191098.00	265.24982	(13030108)
560382.00	4191098.00	281.72162	(13030108)	560402.00	4191098.00	300.44356	(13030108)
560422.00	4191098.00	321.99736	(13030108)	560442.00	4191098.00	347.19186	(13030108)
560462.00	4191098.00	377.18649	(13030108)	560482.00	4191098.00	413.70866	

(13030108)
        560502.00   4191098.00   462.77086 (15032607)   560522.00   4191098.00   532.11360
(15032607)
        560062.00   4191118.00   131.99727 (13040307)   560082.00   4191118.00   137.17536
(13040307)
        560102.00   4191118.00   139.52589 (13040307)   560122.00   4191118.00   141.80451
(13040307)
        560142.00   4191118.00   145.21352 (13030108)   560162.00   4191118.00   151.19211
(13030108)
        560182.00   4191118.00   157.55105 (13030108)   560202.00   4191118.00   164.32944
(13030108)
        560222.00   4191118.00   171.57371 (13030108)   560242.00   4191118.00   179.33899
(13030108)
        560262.00   4191118.00   187.69095 (13030108)   560282.00   4191118.00   196.70795
(13030108)
        560302.00   4191118.00   206.48402 (13030108)   560322.00   4191118.00   217.13268
(13030108)
        560342.00   4191118.00   228.79208 (13030108)   560362.00   4191118.00   241.63186
(13030108)
        560382.00   4191118.00   255.86256 (13030108)   560402.00   4191118.00   271.74833
(13030108)
        560422.00   4191118.00   289.62469 (13030108)   560442.00   4191118.00   309.92332
(13030108)
        560462.00   4191118.00   333.20820 (13030108)   560482.00   4191118.00   360.23054
(13030108)
        560502.00   4191118.00   392.01952 (13030108)   560522.00   4191118.00   433.14272
(13030108)
        560062.00   4191138.00   126.78637 (13040307)   560082.00   4191138.00   131.11679
(13040307)
        560102.00   4191138.00   133.17077 (13040307)   560122.00   4191138.00   135.20681
(13040307)
        560142.00   4191138.00   137.33087 (13040307)   560162.00   4191138.00   139.58237
(13040307)
        560182.00   4191138.00   142.65816 (14010308)   560202.00   4191138.00   147.74532
(14010308)
        560222.00   4191138.00   153.89813 (14112517)   560242.00   4191138.00   158.90415
(14010308)
        560262.00   4191138.00   165.03676 (14010308)   560282.00   4191138.00   171.58480
(14010308)
        560302.00   4191138.00   178.58833 (14010308)   560322.00   4191138.00   186.09193
(14010308)
        560342.00   4191138.00   194.14533 (14010308)   560362.00   4191138.00   203.05530
(14010708)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: UNIVERSI
***
                               INCLUDING SOURCE(S):   L0000458   , L0000459   , L0000460   , L0000461   ,
L0000462   ,
               L0000463   , L0000464   , L0000465   , L0000466   , L0000467   , L0000468   , L0000469   ,
L0000470   ,
               L0000471   , L0000472   , L0000473   , L0000474   , L0000475   , L0000476   , L0000477   ,
L0000478   ,
               L0000479   , L0000480   , L0000481   , L0000482   , L0000483   , L0000484   , L0000485   ,
. . .   ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                    ** CONC OF PM_10   IN MICROGRAMS/M**3   **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC
(YYMMDDHH)
 -

- - - - - - - -

560382.00	4191138.00	212.96959	(14010708)	560402.00	4191138.00	223.72439 (14010708)
560422.00	4191138.00	235.41688	(14010708)	560442.00	4191138.00	248.16007 (14010708)
560462.00	4191138.00	263.13508	(13030108)	560482.00	4191138.00	279.97045 (13030108)
560502.00	4191138.00	299.19375	(13030108)	560062.00	4191158.00	121.98571 (13040307)
560082.00	4191158.00	125.65160	(13040307)	560102.00	4191158.00	127.46275 (13040307)
560122.00	4191158.00	129.29885	(13040307)	560142.00	4191158.00	131.21654 (13040307)
560162.00	4191158.00	133.22490	(13040307)	560182.00	4191158.00	135.26106 (13040307)
560202.00	4191158.00	138.52833	(14010708)	560222.00	4191158.00	144.86676 (14112517)
560242.00	4191158.00	149.47969	(14112517)	560262.00	4191158.00	153.13786 (14010708)
560282.00	4191158.00	158.50041	(14010708)	560302.00	4191158.00	164.13476 (14010708)
560322.00	4191158.00	170.05847	(14010708)	560342.00	4191158.00	176.29144 (14010708)
560362.00	4191158.00	182.85702	(14010708)	560382.00	4191158.00	189.78400 (14010708)
560402.00	4191158.00	197.10952	(14010708)	560422.00	4191158.00	204.88350 (14010708)
560442.00	4191158.00	213.17473	(14010708)	560462.00	4191158.00	222.07847 (14010708)
560482.00	4191158.00	231.72479	(14010708)	560502.00	4191158.00	243.72943 (14010708)
560062.00	4191178.00	117.74174	(13040307)	560082.00	4191178.00	120.64640 (13040307)
560102.00	4191178.00	122.30447	(13040307)	560122.00	4191178.00	123.97136 (13040307)
560142.00	4191178.00	125.70852	(13040307)	560162.00	4191178.00	127.51158 (13040307)
560182.00	4191178.00	129.34036	(13040307)	560202.00	4191178.00	131.20361 (13040307)
560222.00	4191178.00	136.05772	(14112517)	560242.00	4191178.00	141.91590 (14112517)
560322.00	4191178.00	151.24081	(14112517)	560342.00	4191178.00	153.71873 (14112517)
560362.00	4191178.00	159.48330	(16012008)	560382.00	4191178.00	165.27331 (16012008)
560402.00	4191178.00	171.05476	(16012008)	560422.00	4191178.00	176.83854 (16012008)
560442.00	4191178.00	182.66487	(16012008)	560462.00	4191178.00	198.01167 (15012009)
560482.00	4191178.00	208.29719	(15012009)	560502.00	4191178.00	217.18835 (13040307)
560062.00	4191198.00	113.42891	(13040307)	560082.00	4191198.00	115.97581 (13040307)
560102.00	4191198.00	117.61670	(13040307)	560122.00	4191198.00	119.13760 (13040307)
560142.00	4191198.00	120.71669	(13040307)	560162.00	4191198.00	122.34544 (13040307)
560182.00	4191198.00	123.99943	(13040307)	560202.00	4191198.00	125.68764 (13040307)
560222.00	4191198.00	127.41580	(13040307)	560362.00	4191198.00	148.91339 (16012008)
560382.00	4191198.00	152.68876	(16012008)	560402.00	4191198.00	156.47667 (16012008)
560422.00	4191198.00	160.32189	(16012008)	560442.00	4191198.00	164.48537 (15021007)
560462.00	4191198.00	175.09072	(15012009)	560482.00	4191198.00	190.45283 (13040307)
560042.00	4191218.00	104.82202	(13040307)	560062.00	4191218.00	109.63368 (13040307)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: UNIVERSI ***
INCLUDING SOURCE(S): L0000458 , L0000459 , L0000460 , L0000461 , L0000462 ,
L0000463 , L0000464 , L0000465 , L0000466 , L0000467 , L0000468 , L0000469 , L0000470 ,
L0000471 , L0000472 , L0000473 , L0000474 , L0000475 , L0000476 , L0000477 , L0000478 ,
L0000479 , L0000480 , L0000481 , L0000482 , L0000483 , L0000484 , L0000485 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
560422.00	4191218.00	148.25953	(14112517)	560442.00	4191218.00	155.15068	(13040307)
560462.00	4191218.00	168.62338	(13040307)	560482.00	4191218.00	182.91143	(13040307)
560082.00	4191238.00	108.05916	(13040307)	560102.00	4191238.00	109.40481	(13040307)
560122.00	4191238.00	110.68540	(13040307)	560142.00	4191238.00	112.00440	(13040307)
560162.00	4191238.00	113.35560	(13040307)	560182.00	4191238.00	114.73095	(13040307)
560202.00	4191238.00	116.13394	(13040307)	560222.00	4191238.00	117.55719	(13040307)
560342.00	4191238.00	133.61760	(14112517)	560362.00	4191238.00	135.47346	(14112517)
560382.00	4191238.00	137.40732	(14112517)	560402.00	4191238.00	139.38714	(14112517)
560422.00	4191238.00	141.39740	(14112517)	560442.00	4191238.00	149.94248	(13040307)
560462.00	4191238.00	162.73469	(13040307)	560182.00	4191258.00	110.67737	(13040307)
560202.00	4191258.00	111.96255	(13040307)	560322.00	4191258.00	126.62817	(14112517)
560342.00	4191258.00	128.19211	(14112517)	560362.00	4191258.00	129.85758	(14112517)
560382.00	4191258.00	131.60117	(14112517)	560402.00	4191258.00	133.39153	(14112517)
560422.00	4191258.00	135.73001	(13040307)	560442.00	4191258.00	145.32058	(13040307)
560462.00	4191258.00	157.18399	(13040307)	560322.00	4191278.00	121.83553	(14112517)

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        560342.00   4191278.00      123.25430  (14112517)              560362.00   4191278.00      124.75231
(14112517)
        560382.00   4191278.00      126.32674  (14112517)              560402.00   4191278.00      127.94932
(14112517)
        560422.00   4191278.00      131.73472  (13040307)              560442.00   4191278.00      141.57813
(13040307)
        559982.00   4191298.00       78.17401  (13111607)              560002.00   4191298.00       79.48238
(13111607)
        560022.00   4191298.00       88.81149  (13040307)              560042.00   4191298.00       94.39167
(13040307)
        560062.00   4191298.00       96.93288  (13040307)              560302.00   4191298.00      115.91577
(14112517)
        560322.00   4191298.00      117.41990  (14112517)              560342.00   4191298.00      118.73587
(14112517)
        560362.00   4191298.00      120.08972  (14112517)              560382.00   4191298.00      121.51350
(14112517)
        560402.00   4191298.00      122.98672  (14112517)              560422.00   4191298.00      128.15542
(13040307)
        560442.00   4191298.00      137.51791  (13040307)              559962.00   4191318.00       74.49619
(13111607)
        559982.00   4191318.00       75.40325  (13111607)              560002.00   4191318.00       78.06357
(13040307)
        560022.00   4191318.00       87.33296  (13040307)              560042.00   4191318.00       92.06073
(13040307)
        560062.00   4191318.00       94.24947  (13040307)              560082.00   4191318.00       95.46081
(13040307)
        560102.00   4191318.00       96.42387  (13040307)              560122.00   4191318.00       97.36421
(13040307)
        560142.00   4191318.00       98.32343  (13040307)              560162.00   4191318.00       99.30144
(13040307)
        560302.00   4191318.00      111.67180  (14112517)              560322.00   4191318.00      113.31204
(14112517)
        560342.00   4191318.00      114.57688  (14112517)              560362.00   4191318.00      115.81259
(14112517)
        560382.00   4191318.00      117.10302  (14112517)              560402.00   4191318.00      118.44271
(14112517)
        560422.00   4191318.00      124.91921  (13040307)              559962.00   4191338.00       72.07812
(17112007)
        559982.00   4191338.00       73.09984  (17112007)              560002.00   4191338.00       77.84218
(13040307)
        560022.00   4191338.00       85.80635  (13040307)              560042.00   4191338.00       89.82897
(13040307)
        560062.00   4191338.00       91.72782  (13040307)              560082.00   4191338.00       92.82372
(13040307)
        560102.00   4191338.00       93.71755  (13040307)              560122.00   4191338.00       94.59359
(13040307)
        560142.00   4191338.00       95.48602  (13040307)              560162.00   4191338.00       96.39493
(13040307)
        560182.00   4191338.00       97.31649  (13040307)              560202.00   4191338.00       98.24424
(13040307)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

PAGE  1494
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

                            *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  UNIVERSI
***
                                INCLUDING SOURCE(S):     L0000458    , L0000459    , L0000460    , L0000461    ,
L0000462    ,
                L0000463    , L0000464    , L0000465    , L0000466    , L0000467    , L0000468    , L0000469    ,
L0000470    ,
                L0000471    , L0000472    , L0000473    , L0000474    , L0000475    , L0000476    , L0000477    ,
L0000478    ,
                L0000479    , L0000480    , L0000481    , L0000482    , L0000483    , L0000484    , L0000485    ,
. . .       ,
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
560222.00	4191338.00	99.17096	(13040307)	560242.00	4191338.00	100.09828	(13040307)
560302.00	4191338.00	107.56468	(14112517)	560322.00	4191338.00	109.44728	(14112517)
560342.00	4191338.00	110.72291	(14112517)	560362.00	4191338.00	111.87146	(14112517)
560382.00	4191338.00	113.04613	(14112517)	560402.00	4191338.00	115.07647	(13040307)
560422.00	4191338.00	121.97339	(13040307)	559962.00	4191358.00	69.42479	(17112007)
559982.00	4191358.00	70.45586	(16120108)	560002.00	4191358.00	77.40889	(13040307)
560022.00	4191358.00	84.25711	(13040307)	560042.00	4191358.00	87.69490	(13040307)
560062.00	4191358.00	89.35387	(13040307)	560082.00	4191358.00	90.35101	(13040307)
560102.00	4191358.00	91.18296	(13040307)	560122.00	4191358.00	92.00097	(13040307)
560142.00	4191358.00	92.83331	(13040307)	560162.00	4191358.00	93.67988	(13040307)
560182.00	4191358.00	94.53643	(13040307)	560202.00	4191358.00	95.39666	(13040307)
560222.00	4191358.00	96.25584	(13040307)	560242.00	4191358.00	97.11902	(13040307)
560262.00	4191358.00	98.00408	(13040307)	560282.00	4191358.00	99.27981	(14112517)
560302.00	4191358.00	103.53201	(14112517)	560322.00	4191358.00	105.76514	(14112517)
560342.00	4191358.00	107.12324	(14112517)	560362.00	4191358.00	108.22223	(14112517)
560382.00	4191358.00	109.30858	(14112517)	560402.00	4191358.00	112.76136	(13040307)
559962.00	4191378.00	67.64262	(16120108)	559982.00	4191378.00	68.31796	(16120108)
560002.00	4191378.00	76.80849	(13040307)	560022.00	4191378.00	82.70435	(13040307)
560042.00	4191378.00	85.65579	(13040307)	560062.00	4191378.00	87.11505	(13040307)
560082.00	4191378.00	88.02703	(13040307)	560102.00	4191378.00	88.80340	(13040307)
560122.00	4191378.00	89.56888	(13040307)	560142.00	4191378.00	90.34687	(13040307)
560162.00	4191378.00	91.13694	(13040307)	560182.00	4191378.00	91.93457	(13040307)
560202.00	4191378.00	92.73417	(13040307)	560222.00	4191378.00	93.53353	(13040307)
560242.00	4191378.00	94.34004	(13040307)	560262.00	4191378.00	95.17032	(13040307)
560282.00	4191378.00	96.04802	(13040307)	560302.00	4191378.00	99.54498	(14112517)
560322.00	4191378.00	102.23821	(14112517)	560342.00	4191378.00	103.75514	(14112517)
559982.00	4191398.00	67.25076	(13040307)	560002.00	4191398.00	76.07831	(13040307)
560022.00	4191398.00	81.16231	(13040307)	560042.00	4191398.00	83.70808	(13040307)
560062.00	4191398.00	85.00008	(13040307)	560082.00	4191398.00	85.83807	(13040307)
560102.00	4191398.00	86.56434	(13040307)	560122.00	4191398.00	87.28209	(13040307)
560142.00	4191398.00	88.01070	(13040307)	560162.00	4191398.00	88.74935	

(13040307)
560182.00 4191398.00 89.49351 (13040307) 560202.00 4191398.00 90.23867
(13040307)
560222.00 4191398.00 90.98491 (13040307) 560242.00 4191398.00 91.74097
(13040307)
560262.00 4191398.00 92.52154 (13040307) 560282.00 4191398.00 93.45372
(13040307)
559982.00 4191418.00 67.61148 (13040307) 560002.00 4191418.00 75.35314
(13040307)
560022.00 4191418.00 79.69025 (13040307) 560042.00 4191418.00 81.84779
(13040307)
560062.00 4191418.00 82.99885 (13040307) 560082.00 4191418.00 83.77213
(13040307)
560102.00 4191418.00 84.45302 (13040307) 560122.00 4191418.00 85.12727
(13040307)
560142.00 4191418.00 85.81085 (13040307) 560162.00 4191418.00 86.50258
(13040307)
560182.00 4191418.00 87.19818 (13040307) 560202.00 4191418.00 87.89445
(13040307)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: UNIVERSI ***
INCLUDING SOURCE(S): L0000458 , L0000459 , L0000460 , L0000461 , L0000462 ,
L0000463 , L0000464 , L0000465 , L0000466 , L0000467 , L0000468 , L0000469 , L0000470 ,
L0000471 , L0000472 , L0000473 , L0000474 , L0000475 , L0000476 , L0000477 , L0000478 ,
L0000479 , L0000480 , L0000481 , L0000482 , L0000483 , L0000484 , L0000485 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
560222.00	4191418.00	88.59336	(13040307)	560242.00	4191418.00	89.30412	(13040307)
560262.00	4191418.00	90.03959	(13040307)	560002.00	4191438.00	74.38147	(13040307)
560022.00	4191438.00	78.23336	(13040307)	560042.00	4191438.00	80.09007	(13040307)
560062.00	4191438.00	81.10231	(13040307)	560082.00	4191438.00	81.81863	(13040307)
560102.00	4191438.00	82.45830	(13040307)	560122.00	4191438.00	83.09273	(13040307)
560142.00	4191438.00	83.73509	(13040307)	560162.00	4191438.00	84.38390	(13040307)
560182.00	4191438.00	85.03540	(13040307)	560202.00	4191438.00	85.68773	(13040307)
560222.00	4191438.00	86.34427	(13040307)	560242.00	4191438.00	87.01416	(13040307)
560262.00	4191438.00	87.72642	(13040307)	560042.00	4191458.00	78.34051	(13040307)
560062.00	4191458.00	79.31632	(13040307)	560082.00	4191458.00	79.96821	(13040307)
560102.00	4191458.00	80.57028	(13040307)	560122.00	4191458.00	81.16818	(13040307)
560142.00	4191458.00	81.77269	(13040307)	560162.00	4191458.00	82.38221	

(13040307)
        560182.00   4191458.00   82.99364 (13040307)   560202.00   4191458.00   83.60640
(13040307)
        560222.00   4191458.00   84.22483 (13040307)   560242.00   4191458.00   84.85776
(13040307)
        560262.00   4191458.00   85.64937 (13040307)   560142.00   4191478.00   79.87355
(13040307)
        560162.00   4191478.00   80.48322 (13040307)   560182.00   4191478.00   81.08370
(13040307)
        560202.00   4191478.00   81.67427 (13040307)   560222.00   4191478.00   82.22377
(13040307)
        560242.00   4191478.00   82.82345 (13040307)   560155.00   4190663.00   241.94665
(14112707)
        560175.00   4190663.00   236.68005 (14122207)   560115.00   4190683.00   278.43205
(14091607)
        560135.00   4190683.00   270.88838 (14091607)   560155.00   4190683.00   266.43864
(14010408)
        560175.00   4190683.00   257.65316 (14112707)   560095.00   4190703.00   329.43632
(13110808)
        560115.00   4190703.00   310.26343 (13110808)   560135.00   4190703.00   300.19029
(14091607)
        560155.00   4190703.00   293.73628 (14091607)   560175.00   4190703.00   286.03165
(14010408)
        560095.00   4190723.00   369.15612 (13110808)   560115.00   4190723.00   360.97681
(13110808)
        560135.00   4190723.00   344.13681 (13110808)   560155.00   4190723.00   324.92027
(14091607)
        560175.00   4190723.00   319.45533 (14091607)   560195.00   4190723.00   308.19425
(14010408)
        560095.00   4190743.00   397.89375 (13110808)   560115.00   4190743.00   400.65861
(13110808)
        560135.00   4190743.00   396.77869 (13110808)   560155.00   4190743.00   382.66291
(13110808)
        560175.00   4190743.00   356.57197 (13110808)   560195.00   4190743.00   348.85071
(14091607)
        560075.00   4190763.00   458.59521 (15121507)   560095.00   4190763.00   446.40331
(15121507)
        560115.00   4190763.00   432.51281 (14012707)   560135.00   4190763.00   437.03864
(13110808)
        560155.00   4190763.00   437.11875 (13110808)   560175.00   4190763.00   425.74722
(13110808)
        560195.00   4190763.00   401.51152 (13110808)   560215.00   4190763.00   382.61229
(14091607)
        560075.00   4190783.00   551.52606 (17012607)   560095.00   4190783.00   518.32000
(17012607)
        560115.00   4190783.00   504.69848 (15121507)   560135.00   4190783.00   489.54752
(15121507)
        560155.00   4190783.00   479.60913 (13110808)   560175.00   4190783.00   481.85279
(13110808)
        560195.00   4190783.00   474.65307 (13110808)   560215.00   4190783.00   453.61833
(13110808)
        560235.00   4190783.00   421.65349 (14091607)   560075.00   4190803.00   710.76120
(17012607)
        560095.00   4190803.00   663.34032 (17012607)   560115.00   4190803.00   622.53419
(17012607)
        560135.00   4190803.00   582.82799 (17012607)   560155.00   4190803.00   564.27947
(15121507)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: UNIVERSI
***
                               INCLUDING SOURCE(S):   L0000458   , L0000459   , L0000460   , L0000461   ,
L0000462   ,

L0000463 , L0000464 , L0000465 , L0000466 , L0000467 , L0000468 , L0000469 , L0000470 ,
L0000471 , L0000472 , L0000473 , L0000474 , L0000475 , L0000476 , L0000477 , L0000478 ,
L0000479 , L0000480 , L0000481 , L0000482 , L0000483 , L0000484 , L0000485 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
560175.00	4190803.00	542.28339	(14012707)	560195.00	4190803.00	533.77008	(13110808)
560215.00	4190803.00	530.85899	(13110808)	560235.00	4190803.00	514.35804	(13110808)
560255.00	4190803.00	479.25755	(13110808)	560275.00	4190803.00	459.10142	(14091607)
560075.00	4190823.00	955.25337	(17012607)	560095.00	4190823.00	926.64834	(17012607)
560115.00	4190823.00	836.57997	(17012607)	560135.00	4190823.00	770.12912	(17012607)
560155.00	4190823.00	716.41995	(17012607)	560175.00	4190823.00	662.91428	(17012607)
560195.00	4190823.00	632.01013	(15121507)	560215.00	4190823.00	603.58328	(14012707)
560235.00	4190823.00	597.54463	(13110808)	560255.00	4190823.00	586.20265	(13110808)
560275.00	4190823.00	555.21760	(13110808)	560295.00	4190823.00	517.78765	(14091607)
560315.00	4190823.00	491.41433	(14091607)	560115.00	4190843.00	956.40589	(16120308)
560135.00	4190843.00	1002.39461	(17012607)	560155.00	4190843.00	962.58118	(17012607)
560175.00	4190843.00	923.37351	(17012607)	560195.00	4190843.00	842.70287	(17012607)
560215.00	4190843.00	766.22901	(17012607)	560235.00	4190843.00	717.69390	(15121507)
560255.00	4190843.00	682.13174	(13110808)	560275.00	4190843.00	674.25681	(13110808)
560295.00	4190843.00	648.84730	(13110808)	560315.00	4190843.00	594.76427	(13110808)
560335.00	4190843.00	566.97952	(14091607)	560195.00	4190863.00	1046.38050	(17012607)
560215.00	4190863.00	1083.74652	(17012607)	560235.00	4190863.00	1023.24916	(17012607)
560255.00	4190863.00	911.22507	(17012607)	560275.00	4190863.00	832.66225	(15121507)
560295.00	4190863.00	791.18651	(13110808)	560315.00	4190863.00	768.94925	(13110808)
560335.00	4190863.00	719.23745	(13110808)	560075.00	4190883.00	485.93272	(13030108)
560095.00	4190883.00	557.14415	(13030108)	560115.00	4190883.00	646.49726	(13030108)
560255.00	4190883.00	1132.75225	(17012607)	560275.00	4190883.00	1141.10747	(17012607)
560295.00	4190883.00	1093.12837	(17012607)	560315.00	4190883.00	999.53432	(14012707)
560335.00	4190883.00	938.51175	(13110808)				

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0000587 , L0000588 , L0000589 , L0000590 , L0000591 ,
L0000592 , L0000593 , L0000594 , L0000595 , L0000596 , L0000597 , L0000598 , L0000599 ,
L0000600 , L0000601 , L0000602 , L0000603 , L0000604 , L0000605 , L0000606 , L0000607 ,
L0000608 , L0000609 , L0000610 , L0000611 , L0000612 , L0000613 , L0000614 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	559917.30	559937.30	559957.30	559977.30	559997.30
4191625.2	2310.57370 (13040307)	2271.40105 (17112408)	2239.70153 (17112408)	2097.81867 (17112408)	1925.86970 (14012908)
4191605.2	2419.38930 (13040307)	2312.25281 (17112408)	2299.64358 (17112408)	2158.07004 (17112408)	1983.98571 (17112408)
4191585.2	2529.76128 (13040307)	2350.41038 (17112408)	2361.49577 (17112408)	2220.41927 (17112408)	2042.30518 (17112408)
4191565.2	2641.31129 (13040307)	2385.84093 (17112408)	2425.38511 (17112408)	2285.23010 (17112408)	2096.14600 (17112408)
4191545.2	2753.38616 (13040307)	2456.70325 (13040307)	2489.13554 (17112408)	2352.03470 (17112408)	2151.82682 (17112408)
4191525.2	2864.99921 (13040307)	2578.47005 (13040307)	2551.32815 (17112408)	2420.98340 (17112408)	2214.09036 (17112408)
4191505.2	2975.16529 (13040307)	2708.00987 (13040307)	2619.10517 (17112408)	2499.74404 (17112408)	2287.37736 (17112408)
4191485.2	3081.69818 (13040307)	2841.46135 (13040307)	2687.22457 (17112408)	2582.63051 (17112408)	2359.72843 (17112408)
4191465.2	3182.02810 (13040307)	2979.16475 (13040307)	2754.37219 (17112408)	2671.63256 (17112408)	2434.77332 (17112408)
4191445.2	3273.32520 (13040307)	3127.48803 (13040307)	2826.68417 (17112408)	2773.60749 (17112408)	2522.13566 (17112408)
4191425.2	3350.50264 (13040307)	3274.09373 (13040307)	2911.74169 (13040307)	2879.14235 (17112408)	2614.07366 (17112408)
4191405.2	3408.18483 (13040307)	3420.56726 (13040307)	3072.54236 (13040307)	2985.60884 (17112408)	2709.67145 (17112408)
4191385.2	3441.92344 (13040307)	3566.17765 (13040307)	3241.62851 (13040307)	3099.26550 (17112408)	2815.97820 (17112408)
4191365.2	3440.60889 (13040307)	3706.49963 (13040307)	3422.49585 (13040307)	3218.10796 (17112408)	2934.22430 (17112408)
4191345.2	3402.82683 (13040307)	3833.77860 (13040307)	3613.69179 (13040307)	3340.11193 (17112408)	3065.47013 (17112408)
4191325.2	3320.69630 (13040307)	3940.10609 (13040307)	3816.30899 (13040307)	3463.75770 (17112408)	3211.80262 (17112408)
4191305.2	3190.82410 (13040307)	4019.41024 (13040307)	4026.73116 (13040307)	3588.33980 (17112408)	3375.53348 (17112408)
4191285.2	3010.70418 (13040307)	4052.32788 (13040307)	4240.59503 (13040307)	3734.29250 (13040307)	3556.71552 (17112408)
4191265.2	2784.73755 (13040307)	4037.30909 (13040307)	4447.79082 (13040307)	3986.99832 (13040307)	3753.82943 (17112408)
4191245.2	2517.45183 (13040307)	3958.84167 (13040307)	4638.00184 (13040307)	4264.11979 (13040307)	3968.34096 (17112408)
4191225.2	2440.68558 (14122308)	3809.22502 (13040307)	4797.86341 (13040307)	4570.84630 (13040307)	4200.58847 (17112408)
4191205.2	2885.94406 (14122308)	3584.96374 (13040307)	4905.92005 (13040307)	4904.75080 (13040307)	4452.83674 (17112408)
4191185.2	3360.87137 (14122308)	3287.83823 (13040307)	4946.13018 (13040307)	5256.04917 (13040307)	4704.93919 (17112408)

 4191165.2 | 3830.48077 (14122308)   2960.65835 (14122308)   4891.28259 (13040307)   5595.78844 (13040307)
4959.31427 (17112408)
 4191145.2 | 4251.39741 (13012409)   3541.51491 (14122308)   4717.77633 (13040307)   5920.39315 (13040307)
5223.62166 (13040307)
 4191125.2 | 4756.78010 (13012409)   4153.55490 (14122308)   4423.49408 (13040307)   6171.28822 (13040307)
5751.97449 (13040307)
 4191105.2 | 5079.43106 (13012409)   4737.79500 (14122308)   4012.28936 (13040307)   6325.45974 (13040307)
6344.88995 (13040307)
 4191085.2 | 5128.47226 (13012409)   5392.17437 (13012409)   4481.47613 (14122308)   6334.34097 (13040307)
6981.95087 (13040307)
 4191065.2 | 5163.89206 (16010407)   5900.33007 (13012409)   5300.46172 (14122308)   6158.65097 (13040307)
7620.37184 (13040307)
 4191045.2 | 5195.41846 (16121207)   6055.60240 (13012409)   6177.57763 (13012409)   5772.42782 (13040307)
8200.09465 (13040307)
 4191025.2 | 4875.13727 (16121207)   6035.88731 (16010407)   6985.45034 (13012409)   5934.46125 (14122308)
8643.51834 (13040307)
 4191005.2 | 4508.08783 (13011808)   6055.15477 (16121207)   7348.75218 (13012409)   7177.14187 (13012409)
8868.14154 (13040307)
 4190985.2 | 5303.60131 (13032907)   5532.69454 (16121207)   7294.12456 (16121207)   8488.70481 (13012409)
8794.28900 (13040307)
 4190965.2 | 5238.08160 (13032907)   6042.94070 (13032907)   7241.22612 (16121207)   9272.45935 (13012409)
8506.22916 (13012409)
 4190945.2 | 5020.79956 (15102707)   6284.37482 (13032907)   6895.89384 (13032907)   9227.44979 (16121207)
10703.47920 (13012409)
 4190925.2 | 5520.69230 (14120907)   5963.48595 (15102707)   7756.34010 (13032907)   9035.47210 (16121207)
12413.48374 (13012409)
 4190905.2 | 5755.62157 (13121108)   6625.14202 (14120907)   7301.68052 (15102707)   9881.75650 (13032907)
12960.97035 (13012409)
 4190885.2 | 5496.51256 (13032307)   6901.15776 (13121108)   7965.84356 (14120907)   9393.09780 (14120907)
13078.86058 (13032907)
 4190865.2 | 5276.43276 (13123007)   6321.35798 (14122208)   7737.08315 (13032307) 10473.90027 (13011907)
13652.27687 (14120907)
 4190845.2 | 5256.87628 (15021007)   6260.42767 (13012607)   7564.32466 (13012607)   9387.38503 (13012607)
12855.82901 (13011907)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: ALL
***
                               INCLUDING SOURCE(S):   L0000587   , L0000588   , L0000589   , L0000590   ,
L0000591   ,
               L0000592   , L0000593   , L0000594   , L0000595   , L0000596   , L0000597   , L0000598   ,
L0000599   ,
               L0000600   , L0000601   , L0000602   , L0000603   , L0000604   , L0000605   , L0000606   ,
L0000607   ,
               L0000608   , L0000609   , L0000610   , L0000611   , L0000612   , L0000613   , L0000614   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 559917.30   559937.30   559957.30   559977.30
559997.30
 -
- - - - - - - -

 4190825.2 | 6196.09883 (13030108)   7107.63053 (13030108)   8376.75099 (13030108) 10186.78604 (13030108)
13834.89135 (13121309)
 4190805.2 | 5986.82068 (15032607)   6748.89983 (13121309)   8926.18092 (13121309) 11942.03107 (15011209)
17378.91978 (15011209)
 4190785.2 | 6927.77197 (13121309)   7970.73078 (13121309) 10472.99295 (15011209) 12852.30707 (15011209)
14921.54426 (15011209)

 4190765.2 | 7613.13930 (15011209)   9009.90551 (15011209)   9916.63431 (15011209) 10224.06011 (15011209)
10304.03373 (14091607)
 4190745.2 | 7570.05976 (15011209)   7596.10042 (15011209)   7839.05490 (14091607)   7880.50084 (15012907)
8936.88399 (15011208)
 4190725.2 | 6090.91886 (14091607)   6546.72885 (14091607)   6433.85876 (15012907)   6905.68277 (14112407)
7721.66848 (15011208)
 4190705.2 | 5505.98145 (14091607)   5436.71150 (13010908)   5768.78100 (16110807)   6473.93400 (15011208)
7389.73121 (14112008)
 4190685.2 | 4692.74759 (15011408)   5034.36143 (16110807)   5349.45349 (14112407)   5655.16007 (15011207)
7110.66512 (14040707)
 4190665.2 | 4418.96308 (16110807)   4660.66523 (14112407)   4957.79753 (15011207)   5199.90724 (14112008)
6810.34876 (14040707)
 4190645.2 | 4005.72762 (14112407)   4336.69196 (15011208)   4396.07808 (15011207)   5263.91706 (14112008)
6236.32688 (14040707)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: ALL
***
                                INCLUDING SOURCE(S):   L0000587   , L0000588   , L0000589   , L0000590   ,
L0000591   ,
               L0000592   , L0000593   , L0000594   , L0000595   , L0000596   , L0000597   , L0000598   ,
L0000599   ,
               L0000600   , L0000601   , L0000602   , L0000603   , L0000604   , L0000605   , L0000606   ,
L0000607   ,
               L0000608   , L0000609   , L0000610   , L0000611   , L0000612   , L0000613   , L0000614   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560017.30   560037.30   560057.30   560077.30
560097.30
 -
- - - - - - - -

 4191625.2 | 1776.56869 (14012908)   1749.17343 (15011607)   1676.47635 (15011607)   1567.91164 (15011607)
1510.62912 (15011607)
 4191605.2 | 1827.39395 (14012908)   1791.24074 (15011607)   1711.35970 (15011607)   1591.29279 (15011607)
1528.40477 (15011607)
 4191585.2 | 1878.30387 (14012908)   1835.07703 (15011607)   1747.86537 (15011607)   1615.86508 (15011607)
1546.66155 (15011607)
 4191565.2 | 1925.92914 (14012908)   1878.73867 (15011607)   1784.36680 (15011607)   1639.87076 (15011607)
1564.48595 (15011607)
 4191545.2 | 1976.20559 (14012908)   1925.55538 (15011607)   1821.71192 (15011607)   1663.87108 (15011607)
1583.06521 (15011607)
 4191525.2 | 2032.71179 (17112408)   1976.51626 (15011607)   1859.74868 (15011607)   1687.99873 (15011607)
1602.60979 (15011607)
 4191505.2 | 2098.04776 (17112408)   2031.61958 (15011607)   1903.19662 (15011607)   1714.76470 (15011607)
1621.57369 (15011607)
 4191485.2 | 2163.06351 (17112408)   2091.24010 (15011607)   1953.43147 (15011607)   1746.94086 (15011607)
1645.05060 (15011607)
 4191465.2 | 2227.88074 (17112408)   2155.78687 (15011607)   2005.85466 (15011607)   1776.85483 (15011607)
1670.20959 (13011807)
 4191445.2 | 2300.05570 (17112408)   2229.00563 (15011607)   2057.99199 (15011607)   1807.28746 (15011607)
1705.31583 (13011807)
 4191425.2 | 2370.17834 (17112408)   2299.86914 (15011607)   2113.98098 (15011607)   1856.29750 (13011807)
1741.22872 (13011807)
 4191405.2 | 2440.26179 (17112408)   2377.93574 (15011607)   2174.63386 (15011607)   1913.87245 (13011807)
1812.02087 (14012008)
 4191385.2 | 2514.70630 (17112408)   2462.19809 (15011607)   2239.81771 (15011607)   1974.70506 (13011807)
1911.63984 (14012008)

 4191365.2 | 2594.70985 (17112408)   2553.02049 (15011607)   2309.83290 (15011607)   2039.08479 (13011807)
2016.75643 (14012008)
 4191345.2 | 2688.39932 (14012908)   2651.18193 (15011607)   2385.36415 (15011607)   2107.30449 (13011807)
2127.12577 (14012008)
 4191325.2 | 2795.36366 (14012908)   2757.84165 (15011607)   2467.34084 (15011607)   2179.56971 (13011807)
2242.69634 (14012008)
 4191305.2 | 2915.06482 (14012908)   2873.52427 (15011607)   2556.20148 (15011607)   2256.74259 (14012908)
2379.93180 (15010517)
 4191285.2 | 3049.63234 (14012908)   2999.65223 (15011607)   2652.77719 (15011607)   2358.93056 (17112408)
2547.28069 (15010517)
 4191265.2 | 3201.83628 (14012908)   3137.58865 (15011607)   2758.47012 (15011607)   2467.02791 (17112408)
2718.41868 (15010517)
 4191245.2 | 3374.69480 (14012908)   3288.52990 (15011607)   2874.42054 (15011607)   2573.76846 (17112408)
2891.31252 (15010517)
 4191225.2 | 3570.86399 (14012908)   3454.38769 (15011607)   3001.89510 (15011607)   2677.97887 (17112408)
3062.69635 (15010517)
 4191205.2 | 3797.43543 (14012908)   3642.77246 (15011607)   3144.73755 (15011607)   2878.04554 (14012008)
3228.56504 (15010517)
 4191185.2 | 4049.37031 (14012908)   3843.08647 (15011607)   3305.42802 (15011607)   3113.20809 (14012008)
3384.66151 (15010517)
 4191165.2 | 4338.97332 (17112408)   4066.45274 (15011607)   3477.09433 (15011607)   3369.39775 (14012008)
3525.64141 (15010517)
 4191145.2 | 4706.26583 (17112408)   4317.08162 (15011607)   3673.65521 (15011607)   3646.81946 (14012008)
3645.57277 (15010517)
 4191125.2 | 5129.63716 (17112408)   4597.22308 (15011607)   3895.88161 (15011607)   3947.99881 (14012008)
3737.74829 (15010517)
 4191105.2 | 5612.19547 (17112408)   4911.97809 (15011607)   4148.35421 (15011607)   4319.58387 (15010517)
3794.85586 (15010517)
 4191085.2 | 6152.96888 (17112408)   5267.09644 (15011607)   4438.22002 (15011607)   4717.66461 (15010517)
4226.17007 (15112108)
 4191065.2 | 6746.11629 (17112408)   5669.76728 (15011607)   4803.39999 (13011807)   5129.87159 (15010517)
4826.79733 (15112108)
 4191045.2 | 7377.53725 (17112408)   6129.23299 (15011607)   5241.23195 (13011807)   5549.55270 (15010517)
5524.02008 (14112517)
 4191025.2 | 8028.44047 (17112408)   6656.82192 (15011607)   5757.47736 (13011807)   5961.98719 (15010517)
6393.69528 (14112517)
 4191005.2 | 9146.86499 (13040307)   7315.59719 (14012908)   6363.83026 (13011807)   6352.31570 (15010517)
7134.55322 (14112517)
 4190985.2 | 10498.55435 (13040307)   8414.70147 (14012908)   7093.90706 (14012008)   6794.37677 (14112517)
7673.57973 (14112517)
 4190965.2 | 11844.67400 (13040307)   9847.85152 (17112408)   8200.72940 (14012008)   8274.40766 (14112517)
7788.41384 (14112517)
 4190945.2 | 13026.20247 (13040307) 11505.78096 (17112408)   9524.19954 (14012008)   9811.86975 (14112517)
8668.64166 (15021907)
 4190925.2 | 13936.65905 (13040307) 13172.53724 (17112408) 11159.25156 (14012008) 11293.79935 (14112517)
9731.27196 (13121308)
 4190905.2 | 14689.49723 (13040307) 16056.40839 (13040307) 13316.52053 (14012008) 12411.52520 (14112517)
10135.47721 (13121308)
 4190885.2 | 18336.27642 (13012409) 19121.01520 (13040307) 16278.73635 (14012008) 13916.37107 (13121308)
12631.26244 (15012009)
 4190865.2 | 21269.21813 (13012409) 19524.16397 (13012409) 18490.91533 (13011807) 15693.90742 (15010507)
12881.05364 (15012009)
 4190845.2 | 19966.94347 (13112607) 18353.10631 (13012409) 15654.09199 (13011807) 14559.33578 (15010507)
14003.11771 (14121317)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: ALL
***
                               INCLUDING SOURCE(S):   L0000587   , L0000588   , L0000589   , L0000590   ,
L0000591   ,
               L0000592   , L0000593   , L0000594   , L0000595   , L0000596   , L0000597   , L0000598   ,
L0000599   ,
               L0000600   , L0000601   , L0000602   , L0000603   , L0000604   , L0000605   , L0000606   ,

```
L0000607    ,
                 L0000608    , L0000609    , L0000610    , L0000611    , L0000612    , L0000613    , L0000614    ,
. . .      ,

                                   *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                        ** CONC OF PM_10    IN MICROGRAMS/M**3                          **

  Y-COORD  |                                                 X-COORD (METERS)
  (METERS) |       560017.30              560037.30              560057.30              560077.30
560097.30
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

 4190825.2 |  23028.33804 (15011209)  14922.21184 (13012409)  11150.54838 (15012808)  12813.43750 (15012808)
14239.19790 (17111317)
 4190805.2 |  23265.35658 (15011209)  20338.70535 (15011209)  13675.13713 (15012807)  16030.90686 (15101307)
12825.56745 (17111317)
 4190785.2 |  16813.13600 (15011209)  20849.71952 (14040707)  19123.66971 (15012807)  15345.44953 (13030207)
14085.43740 (14010617)
 4190765.2 |  12545.83013 (14040707)  17000.58789 (14040707)  16645.03624 (13112107)  14776.74361 (13121217)
11636.12399 (13030207)
 4190745.2 |  11747.13912 (14040707)  13209.92164 (14040707)  13380.74015 (15011308)  13256.51001 (13121217)
10378.52060 (15010807)
 4190725.2 |  10673.67009 (14040707)  10844.38865 (13012408)  11210.77986 (15011308)  11328.77687 (13121217)
9369.78339 (15010807)
 4190705.2 |   9301.18152 (14040707)   9179.05618 (13012408)   9534.64289 (15011308)  10292.96591 (15010907)
8903.11098 (13121217)
 4190685.2 |   7739.06294 (14040707)   7835.19051 (13012408)   8131.79741 (15011308)   9785.67176 (13112107)
8451.42414 (13012409)
 4190665.2 |   6349.92872 (13013107)   6743.18508 (13012408)   7824.62083 (13032907)   8750.74027 (13011808)
8376.09203 (16121207)
 4190645.2 |   5620.23522 (13010807)   6100.11744 (15102707)   7161.61902 (13032907)   9297.85059 (13032907)
8236.96906 (13011808)
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL
***
                                  INCLUDING SOURCE(S):     L0000587    , L0000588    , L0000589    , L0000590    ,
L0000591    ,
                 L0000592    , L0000593    , L0000594    , L0000595    , L0000596    , L0000597    , L0000598    ,
L0000599    ,
                 L0000600    , L0000601    , L0000602    , L0000603    , L0000604    , L0000605    , L0000606    ,
L0000607    ,
                 L0000608    , L0000609    , L0000610    , L0000611    , L0000612    , L0000613    , L0000614    ,
. . .      ,

                                   *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                        ** CONC OF PM_10    IN MICROGRAMS/M**3                          **

  Y-COORD  |                                                 X-COORD (METERS)
  (METERS) |       560117.30              560137.30              560157.30              560177.30
560197.30
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

 4191625.2 |   1508.84970 (15011607)   1507.48562 (15011607)   1447.18713 (15011607)   1296.20766 (15011607)
1259.41481 (13011807)
 4191605.2 |   1529.18729 (15011607)   1533.57576 (15011607)   1477.75674 (15011607)   1326.83015 (15011607)
1281.07449 (13011807)
 4191585.2 |   1549.65557 (15011607)   1560.11642 (15011607)   1509.36157 (15011607)   1358.66476 (15011607)
1303.69052 (13011807)
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 4191565.2 | 1566.62787 (15011607)   1582.54277 (15011607)   1537.05597 (15011607)   1387.25055 (15011607)
1326.32912 (13011807)
 4191545.2 | 1588.34661 (15011607)   1609.39869 (15011607)   1567.93766 (15011607)   1419.08897 (15011607)
1394.84962 (15112108)
 4191525.2 | 1612.90845 (15011607)   1664.41607 (15010517)   1603.39631 (15011607)   1455.52295 (15011607)
1501.89399 (15112108)
 4191505.2 | 1634.63930 (15011607)   1720.91588 (15010517)   1649.14232 (15011607)   1502.16780 (15011607)
1610.19351 (15112108)
 4191485.2 | 1673.97931 (14012008)   1772.78300 (15010517)   1691.17958 (15011607)   1545.93903 (15011607)
1701.30616 (15112108)
 4191465.2 | 1754.85818 (15010517)   1814.43248 (15010517)   1731.03426 (15011607)   1588.42702 (15011607)
1774.76776 (15112108)
 4191445.2 | 1849.58283 (15010517)   1850.20236 (15010517)   1771.48735 (15011607)   1696.89814 (15112108)
1830.26104 (15112108)
 4191425.2 | 1944.65679 (15010517)   1878.55698 (15010517)   1813.39223 (15011607)   1830.90710 (15112108)
1908.40535 (14112517)
 4191405.2 | 2039.00820 (15010517)   1898.43860 (15010517)   1856.78580 (15011607)   1953.55903 (15112108)
2044.02972 (14112517)
 4191385.2 | 2131.12815 (15010517)   1908.67037 (15010517)   1901.63152 (15011607)   2058.05245 (15112108)
2161.79669 (14112517)
 4191365.2 | 2219.45456 (15010517)   1908.57344 (15010517)   1948.38039 (15011607)   2137.59492 (15112108)
2254.01426 (14112517)
 4191345.2 | 2302.05383 (15010517)   1944.02702 (15011607)   2110.90119 (15112108)   2257.92533 (14112517)
2313.67865 (14112517)
 4191325.2 | 2376.66050 (15010517)   1980.84982 (15011607)   2283.28946 (15112108)   2430.06522 (14112517)
2334.37769 (14112517)
 4191305.2 | 2441.22233 (15010517)   2018.65382 (15011607)   2434.18096 (15112108)   2575.40648 (14112517)
2312.08410 (14112517)
 4191285.2 | 2493.03249 (15010517)   2214.64387 (15112108)   2553.15486 (15112108)   2682.56821 (14112517)
2245.78001 (14112517)
 4191265.2 | 2529.69357 (15010517)   2473.44372 (15112108)   2740.52477 (14112517)   2740.37079 (14112517)
2138.35749 (14112517)
 4191245.2 | 2548.50720 (15010517)   2723.94126 (15112108)   2966.77836 (14112517)   2740.17592 (14112517)
1997.10234 (14112517)
 4191225.2 | 2547.52802 (15010517)   2951.07500 (15112108)   3151.32722 (14112517)   2676.99790 (14112517)
2341.16529 (15021907)
 4191205.2 | 2579.16932 (15112108)   3137.82757 (15112108)   3275.47598 (14112517)   2552.38532 (14112517)
2727.89118 (15021907)
 4191185.2 | 2955.80612 (15112108)   3440.40378 (14112517)   3322.22420 (14112517)   2459.11870 (15021907)
3044.08725 (15021907)
 4191165.2 | 3334.66824 (15112108)   3751.44485 (14112517)   3278.72581 (14112517)   2962.58788 (15021907)
3304.95233 (13121417)
 4191145.2 | 3693.26120 (15112108)   3994.24709 (14112517)   3141.29125 (14112517)   3408.72006 (15021907)
3466.70694 (13121417)
 4191125.2 | 4005.84570 (14112517)   4136.58107 (14112517)   3205.34951 (15021907)   3740.99072 (13121417)
3611.08805 (13121308)
 4191105.2 | 4524.24705 (14112517)   4150.47836 (14112517)   3828.43518 (15021907)   4008.56273 (13121417)
3647.42604 (13121308)
 4191085.2 | 4980.25649 (14112517)   4019.03904 (14112517)   4312.23883 (15021907)   4189.31767 (13121308)
3518.80753 (13122017)
 4191065.2 | 5317.44285 (14112517)   4309.98523 (15021907)   4700.58637 (13121417)   4242.35020 (13121308)
3466.83298 (15010507)
 4191045.2 | 5477.60912 (14112517)   5058.54313 (15021907)   4953.71201 (13121308)   4027.90424 (13122017)
3595.83631 (17031607)
 4191025.2 | 5419.63227 (14112517)   5608.42761 (13121417)   5034.87595 (13121308)   4101.14228 (15010507)
4029.86646 (17031607)
 4191005.2 | 6025.92900 (15021907)   6003.56587 (13121308)   4737.28824 (15010507)   4460.03702 (17031607)
5197.37152 (15020708)
 4190985.2 | 6871.38432 (13121417)   6136.91861 (13121308)   4892.81036 (15010507)   5713.08768 (15020708)
6250.44715 (15012009)
 4190965.2 | 7554.07391 (13121308)   5983.06452 (15010507)   6323.00077 (15020708)   6997.79968 (15012009)
6187.09017 (15012009)
 4190945.2 | 7730.73310 (13121308)   7080.23315 (15020708)   7974.63005 (15012009)   7034.12419 (15012009)
6276.95994 (14012907)
 4190925.2 | 7811.53190 (15020708)   8932.39233 (15012009)   7890.45103 (15012009)   7093.40930 (14012907)
6435.11929 (14012907)
 4190905.2 | 10471.51940 (15012009)   9188.19368 (15012009)   8166.12781 (14012907)   7585.04413 (13011717)
7383.25639 (13011717)
 4190885.2 | 10921.03844 (15012009)   9617.77259 (14012907)   9207.63019 (13011717)   8573.40732 (14121317)

9334.05828 (14121317)
 4190865.2 | 11343.07707 (14121317) 11628.80802 (14121317) 11181.31768 (14121317)   9198.89759 (14121317)
7316.50961 (14121317)
 4190845.2 | 12153.26152 (14121317)   9823.87426 (14121317)   7955.06310 (14121317)   7141.55593 (13121617)
6455.11021 (13121617)

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: ALL
***
                                INCLUDING SOURCE(S):   L0000587   , L0000588   , L0000589   , L0000590   ,
L0000591   ,
               L0000592   , L0000593   , L0000594   , L0000595   , L0000596   , L0000597   , L0000598   ,
L0000599   ,
               L0000600   , L0000601   , L0000602   , L0000603   , L0000604   , L0000605   , L0000606   ,
L0000607   ,
               L0000608   , L0000609   , L0000610   , L0000611   , L0000612   , L0000613   , L0000614   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560117.30   560137.30   560157.30   560177.30
560197.30
 -
- - - - - - - -

 4190825.2 | 12338.10608 (17111317) 10774.66240 (17111317)   9497.19537 (17111317)   8418.97940 (17111317)
7465.69583 (17111317)
 4190805.2 | 11856.78881 (17111317) 10594.73288 (17111317)   9456.79325 (17111317)   8461.36817 (17111317)
7670.59766 (17111317)
 4190785.2 | 10428.86312 (13112317)   7981.79778 (17113007)   6775.83005 (13012507)   6024.72294 (13012507)
5343.18467 (15011607)
 4190765.2 | 11160.77321 (14010617)   8507.67527 (13112317)   6970.42113 (13112317)   5937.86571 (17113007)
5768.95201 (15011607)
 4190745.2 | 9036.44275 (17112308)   9096.53614 (14010617)   7457.68165 (17112408)   6083.81892 (13112317)
6255.91572 (15011607)
 4190725.2 | 7431.08709 (16120808)   8411.39699 (13040307)   7974.95818 (17112408)   6875.70254 (14012908)
6815.87362 (15011607)
 4190705.2 | 7712.01204 (15010807)   8583.54107 (13040307)   9276.57515 (13040307)   7868.77453 (14012908)
7497.40351 (15011607)
 4190685.2 | 8739.92318 (13012409)   8458.54643 (13040307) 10911.27819 (13040307)   9157.73525 (17112408)
8315.55768 (15011607)
 4190665.2 | 9401.62403 (13012409)   8406.61860 (13012409) 12044.68730 (13040307) 10646.76924 (17112408)
9229.07735 (15011607)
 4190645.2 | 8958.56280 (13012409)   9896.37212 (13012409) 12251.66304 (13040307) 12109.18001 (17112408)
10315.04779 (15011607)

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: ALL
***
                                INCLUDING SOURCE(S):   L0000587   , L0000588   , L0000589   , L0000590   ,
L0000591   ,
               L0000592   , L0000593   , L0000594   , L0000595   , L0000596   , L0000597   , L0000598   ,
L0000599   ,
               L0000600   , L0000601   , L0000602   , L0000603   , L0000604   , L0000605   , L0000606   ,

L0000607 ,
L0000608 , L0000609 , L0000610 , L0000611 , L0000612 , L0000613 , L0000614 ,
. . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 560217.30	560237.30	560257.30	560277.30	560297.30
4191625.2	1269.04942 (15112108)	1379.28330 (15112108)	1424.83946 (14112517)	1432.06799 (14112517)	1294.92881 (14112517)
4191605.2	1352.21819 (15112108)	1409.25975 (15112108)	1485.86090 (14112517)	1442.23804 (14112517)	1305.51211 (14012008)
4191585.2	1428.98109 (15112108)	1438.92274 (14112517)	1535.26913 (14112517)	1438.62915 (14112517)	1329.00471 (14012008)
4191565.2	1496.42677 (15112108)	1529.70544 (14112517)	1570.74275 (14112517)	1421.34084 (14112517)	1353.00897 (14012008)
4191545.2	1551.49534 (15112108)	1611.54249 (14112517)	1590.31157 (14112517)	1391.30069 (14112517)	1377.51725 (14012008)
4191525.2	1592.14024 (15112108)	1681.55356 (14112517)	1593.16724 (14112517)	1404.10084 (14012008)	1402.56282 (14012008)
4191505.2	1646.82696 (14112517)	1739.85832 (14112517)	1581.53826 (14112517)	1436.80221 (14012008)	1432.63303 (15010517)
4191485.2	1755.64254 (14112517)	1773.14066 (14112517)	1549.19893 (14112517)	1469.61302 (14012008)	1471.04153 (15010517)
4191465.2	1852.95477 (14112517)	1786.05515 (14112517)	1500.67343 (14112517)	1503.09260 (14012008)	1509.53991 (15010517)
4191445.2	1932.82879 (14112517)	1775.61322 (14112517)	1488.22636 (14012008)	1538.86067 (14012008)	1579.24287 (15021907)
4191425.2	1990.26594 (14112517)	1741.70213 (14112517)	1526.48352 (14012008)	1574.97043 (14012008)	1709.67069 (15021907)
4191405.2	2020.64697 (14112517)	1685.78693 (14112517)	1566.82550 (14012008)	1663.40719 (15021907)	1799.42338 (15021907)
4191385.2	2021.05923 (14112517)	1611.01049 (14112517)	1609.33915 (14012008)	1827.51860 (15021907)	1916.40998 (13121417)
4191365.2	1989.56747 (14112517)	1547.10757 (14012008)	1743.39119 (15021907)	1949.54435 (15021907)	1970.97510 (13121417)
4191345.2	1927.13036 (14112517)	1591.82746 (14012008)	1951.85884 (15021907)	2076.02208 (13121417)	1964.37957 (13121308)
4191325.2	1836.94818 (14112517)	1819.20825 (15021907)	2117.54816 (15021907)	2159.99567 (13121417)	2062.27780 (13121308)
4191305.2	1733.00683 (16112517)	2081.24761 (15021907)	2257.80027 (13121417)	2152.11039 (13121417)	2072.93281 (13121308)
4191285.2	1886.20039 (15021907)	2303.34707 (15021907)	2380.00427 (13121417)	2264.95461 (13121308)	2060.24325 (15020707)
4191265.2	2212.61994 (15021907)	2463.57628 (13121417)	2393.02797 (13121417)	2277.76710 (13121308)	2087.00557 (13122017)
4191245.2	2507.24236 (15021907)	2637.89457 (13121417)	2507.06825 (13121308)	2261.56283 (15020707)	2036.63091 (13122017)
4191225.2	2727.91206 (15021907)	2682.46184 (13121417)	2522.72772 (13121308)	2285.23727 (13122017)	2051.37402 (15010517)
4191205.2	2942.35439 (13121417)	2799.74448 (13121308)	2496.31916 (15020707)	2183.99500 (13122017)	2093.92836 (15010517)
4191185.2	3033.88146 (13121417)	2819.85731 (13121308)	2508.27569 (13122017)	2198.16005 (15010517)	2212.43950 (17031607)
4191165.2	3159.68232 (13121308)	2772.38381 (15020707)	2369.96105 (15010507)	2279.08874 (15010517)	2462.56304 (17031607)
4191145.2	3186.19588 (13121308)	2759.35208 (13122017)	2396.75854 (15010507)	2608.96202 (17031607)	2456.92778 (15020708)
4191125.2	3101.27197 (15020707)	2686.48817 (15010507)	2718.98632 (17031607)	2684.43216 (17031607)	3102.70459 (15020708)
4191105.2	3043.61135 (13122017)	2777.89999 (17031607)	2952.18496 (17031607)	3268.63381 (15020708)	3599.59747 (15012009)
4191085.2	3053.46186 (15010507)	3205.08591 (17031607)	3439.22462 (15020708)	3836.74386 (15012009)	

3969.31993 (15012009)
 4191065.2 | 3426.48643 (17031607)   3612.98447 (15020708)   4102.02156 (15012009)   4300.30574 (15012009)
3715.72015 (15012009)
 4191045.2 | 3788.10098 (15020708)   4401.42912 (15012009)   4680.16162 (15012009)   4056.66777 (15012009)
3648.23109 (16120517)
 4191025.2 | 4751.24756 (15020708)   5120.24103 (15012009)   4454.64985 (15012009)   3995.74509 (16120517)
3952.33803 (14012907)
 4191005.2 | 5635.83686 (15012009)   4924.05413 (15012009)   4384.87300 (16120517)   4393.20216 (14012907)
4155.33469 (14012907)
 4190985.2 | 5484.48906 (15012009)   4828.39813 (16120517)   4870.14669 (14012907)   4421.81912 (14012907)
4255.51792 (13011717)
 4190965.2 | 5452.07157 (14012907)   5364.54686 (14012907)   4669.34052 (14012907)   4937.37932 (13011717)
4823.05411 (13011717)
 4190945.2 | 5894.41027 (14012907)   5517.16379 (13011717)   5535.50745 (13011717)   5119.41880 (13011717)
4386.86266 (13011717)
 4190925.2 | 6432.24821 (13011717)   6105.59650 (13011717)   5343.99336 (13011717)   5428.94962 (13121117)
5806.42407 (14121317)
 4190905.2 | 6650.17673 (13011717)   7034.08851 (14121317)   7882.66922 (14121317)   8302.35449 (14121317)
7761.84755 (13010717)
 4190885.2 | 9303.94987 (14121317)   8602.31733 (14121317)   6870.50549 (13010717)   5378.58872 (13010717)
4639.17797 (14091907)
 4190865.2 | 6124.81113 (13010717)   5406.97250 (14091907)   4903.62199 (14091907)   4474.95169 (14091907)
4097.45025 (14091907)
 4190845.2 | 5892.97702 (13121617)   5416.17577 (13121617)   5018.50072 (13121617)   4680.52991 (13121617)
4388.64601 (13121617)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: ALL
***
                                INCLUDING SOURCE(S):   L0000587   , L0000588   , L0000589   , L0000590   ,
L0000591   ,
                L0000592   , L0000593   , L0000594   , L0000595   , L0000596   , L0000597   , L0000598   ,
L0000599   ,
                L0000600   , L0000601   , L0000602   , L0000603   , L0000604   , L0000605   , L0000606   ,
L0000607   ,
                L0000608   , L0000609   , L0000610   , L0000611   , L0000612   , L0000613   , L0000614   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560217.30   560237.30   560257.30   560277.30
560297.30
 -
- - - - - - - -

 4190825.2 | 6660.35348 (17111317)   5980.89627 (17111317)   5488.51407 (13121617)   5103.60568 (13121617)
4763.61527 (13121617)
 4190805.2 | 7018.58019 (17111317)   6464.67200 (17111317)   5982.76328 (17111317)   5556.89501 (17111317)
5175.18180 (17111317)
 4190785.2 | 4955.04158 (17111317)   4756.09638 (17111317)   4577.35312 (17111317)   4858.29033 (15112108)
4858.46332 (14112517)
 4190765.2 | 4640.48296 (13011807)   5240.97363 (15010517)   4157.50976 (15112108)   5384.48260 (14112517)
4805.16943 (14112517)
 4190745.2 | 4991.25534 (13011807)   5795.43849 (15010517)   4916.56392 (15112108)   5986.28701 (14112517)
4494.75601 (14112517)
 4190725.2 | 5399.64759 (13011807)   6351.72479 (15010517)   5795.89564 (15112108)   6459.16831 (14112517)
4780.66253 (15021907)
 4190705.2 | 5938.90607 (14012008)   6933.85911 (15010517)   6731.42258 (15112108)   6643.80397 (14112517)
5963.47705 (15021907)
 4190685.2 | 6680.50972 (14012008)   7492.80330 (15010517)   7640.46449 (14112517)   6381.35939 (14112517)

6971.73766 (13121417)
 4190665.2 | 7586.69622 (14012008)   7946.73129 (15010517)   8917.59054 (14112517)   6798.95287 (15021907)
7747.15524 (13121417)
 4190645.2 | 8745.48526 (14012008)   8206.61122 (15010517)   9879.84498 (14112517)   8763.37154 (15021907)
8217.37710 (13121308)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: ALL
***
                                INCLUDING SOURCE(S):   L0000587   , L0000588   , L0000589   , L0000590   ,
L0000591   ,
               L0000592   , L0000593   , L0000594   , L0000595   , L0000596   , L0000597   , L0000598   ,
L0000599   ,
               L0000600   , L0000601   , L0000602   , L0000603   , L0000604   , L0000605   , L0000606   ,
L0000607   ,
               L0000608   , L0000609   , L0000610   , L0000611   , L0000612   , L0000613   , L0000614   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560317.30   560337.30   560357.30   560377.30
560397.30
 -
- - - - - - - -

 4191625.2 | 1304.26535 (15010517)   1302.53021 (15010517)   1192.55886 (15010517)   1210.93388 (15021907)
1256.38224 (13121417)
 4191605.2 | 1332.11078 (15010517)   1319.19462 (15010517)   1191.56454 (15010517)   1278.04643 (15021907)
1314.72473 (13121417)
 4191585.2 | 1360.51963 (15010517)   1334.16404 (15010517)   1262.76675 (15021907)   1321.46727 (13121417)
1342.78575 (13121417)
 4191565.2 | 1388.91951 (15010517)   1348.99229 (15010517)   1345.59236 (15021907)   1392.20431 (13121417)
1335.93750 (13121417)
 4191545.2 | 1417.69929 (15010517)   1362.45602 (15010517)   1403.54270 (15021907)   1429.39159 (13121417)
1359.08698 (13121308)
 4191525.2 | 1446.41119 (15010517)   1419.86163 (15021907)   1477.17669 (13121417)   1429.21172 (13121417)
1404.66163 (13121308)
 4191505.2 | 1474.98014 (15010517)   1496.32915 (15021907)   1529.57240 (13121417)   1449.71299 (13121308)
1411.35789 (13121308)
 4191485.2 | 1503.25583 (15010517)   1571.66853 (13121417)   1537.62686 (13121417)   1501.71330 (13121308)
1378.04462 (15020707)
 4191465.2 | 1597.13300 (15021907)   1641.69812 (13121417)   1552.33375 (13121308)   1508.72759 (13121308)
1415.81714 (15020707)
 4191445.2 | 1674.97295 (13121417)   1661.03256 (13121417)   1612.24399 (13121308)   1480.94574 (15020707)
1465.54237 (15112108)
 4191425.2 | 1769.10875 (13121417)   1669.34277 (13121308)   1619.71616 (13121308)   1512.92605 (15020707)
1515.60651 (15112108)
 4191405.2 | 1806.51749 (13121417)   1739.66626 (13121308)   1597.88379 (15020707)   1535.80679 (13122017)
1564.98915 (15112108)
 4191385.2 | 1809.36236 (13121308)   1752.45758 (13121308)   1627.67636 (15020707)   1522.56563 (15112108)
1618.72024 (14112517)
 4191365.2 | 1890.31402 (13121308)   1734.88213 (15020707)   1650.39404 (13122017)   1586.87909 (15112108)
1689.40871 (14112517)
 4191345.2 | 1899.55310 (13121308)   1753.60475 (13122017)   1582.44609 (13122017)   1651.26454 (15112108)
1759.92364 (14112517)
 4191325.2 | 1886.25240 (15020707)   1769.83398 (13122017)   1565.78062 (15112108)   1716.02089 (15112108)
1830.95539 (14112517)
 4191305.2 | 1910.70270 (13122017)   1665.91984 (13122017)   1637.44341 (15112108)   1780.77443 (15112108)
1902.32593 (14112517)
 4191285.2 | 1898.66306 (13122017)   1659.39192 (15010507)   1713.44249 (15112108)   1850.66488 (14112517)

1973.14981 (14112517)
 4191265.2 | 1773.37996 (15010507)   1640.86852 (15010507)   1823.63459 (17031607)   1935.80072 (14112517)
2042.48907 (14112517)
 4191245.2 | 1802.38455 (15010507)   1838.08657 (17031607)   1975.55369 (17031607)   2023.91722 (14112517)
2137.97607 (15020708)
 4191225.2 | 1819.15383 (17031607)   2081.86310 (17031607)   1964.15878 (15112108)   2210.20430 (15020708)
2370.57954 (15020708)
 4191205.2 | 2163.78544 (17031607)   2110.65961 (17031607)   2280.02613 (15020708)   2502.56162 (15020708)
2707.40561 (15012009)
 4191185.2 | 2292.71328 (17031607)   2345.61500 (15020708)   2641.96263 (15020708)   2855.21278 (15012009)
2805.47875 (15012009)
 4191165.2 | 2405.31486 (15020708)   2788.73510 (15020708)   3016.34385 (15012009)   2988.75524 (15012009)
2564.72355 (15012009)
 4191145.2 | 2942.53450 (15020708)   3192.54346 (15012009)   3192.99815 (15012009)   2740.93864 (15012009)
2493.58555 (16122217)
 4191125.2 | 3386.06041 (15012009)   3421.53343 (15012009)   2939.58061 (15012009)   2651.12250 (16122217)
2700.17722 (16120517)
 4191105.2 | 3678.60885 (15012009)   3164.64761 (15012009)   2824.46398 (16122217)   2879.15142 (16120517)
2819.49454 (14012907)
 4191085.2 | 3421.17418 (15012009)   3058.06215 (16120517)   3070.11290 (16120517)   3070.93074 (14012907)
2987.33808 (14012907)
 4191065.2 | 3336.97041 (16120517)   3273.60788 (16120517)   3333.62773 (14012907)   3141.44634 (14012907)
2908.16515 (14010709)
 4191045.2 | 3545.26482 (14012907)   3603.59161 (14012907)   3282.53460 (14012907)   3090.80986 (14010709)
3171.15579 (13011717)
 4191025.2 | 3876.45727 (14012907)   3454.99084 (14010709)   3356.04983 (13011717)   3591.55969 (13011717)
3543.07430 (13011717)
 4191005.2 | 3739.04936 (14010709)   3917.73337 (13011717)   3960.75914 (13011717)   3704.97835 (13011717)
3249.93017 (13011717)
 4190985.2 | 4424.44604 (13011717)   4227.44848 (13011717)   3756.33411 (13011717)   3147.63302 (13011717)
3294.37799 (13121117)
 4190965.2 | 4360.69884 (13011717)   3691.17307 (13011717)   3850.47276 (13121117)   4084.57528 (13121117)
4157.58668 (13121117)
 4190945.2 | 4522.29212 (13121117)   4748.34381 (13121117)   5008.89576 (14121317)   5389.14877 (14121317)
5681.38317 (14121317)
 4190925.2 | 6318.48555 (14121317)   6785.34005 (14121317)   6940.66905 (13010717)   6431.58728 (13010717)
5203.36235 (13010717)
 4190905.2 | 6728.26643 (13010717)   5130.75437 (13010717)   4074.34508 (13010717)   3744.13230 (14091907)
3500.16873 (14091907)
 4190885.2 | 4280.55155 (14091907)   3960.34494 (14091907)   3686.05621 (14091907)   3438.92174 (14091907)
3207.25643 (14091907)
 4190865.2 | 3861.97624 (13020407)   3687.23618 (13020407)   3525.75178 (13020407)   3466.67328 (13121417)
3293.02621 (13121308)
 4190845.2 | 4133.04869 (13121617)   3906.67118 (13121617)   3704.14007 (13121617)   3573.43417 (13121417)
3355.69718 (13121617)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: ALL
***
                                INCLUDING SOURCE(S):   L0000587   , L0000588   , L0000589   , L0000590   ,
L0000591   ,
                L0000592   , L0000593   , L0000594   , L0000595   , L0000596   , L0000597   , L0000598   ,
L0000599   ,
                L0000600   , L0000601   , L0000602   , L0000603   , L0000604   , L0000605   , L0000606   ,
L0000607   ,
                L0000608   , L0000609   , L0000610   , L0000611   , L0000612   , L0000613   , L0000614   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)

```
  (METERS) |       560317.30              560337.30              560357.30              560377.30
560397.30
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

 4190825.2 |   4466.08441 (13121617)   4197.27812 (13121617)   3952.11001 (13121617)   3730.62866 (13121308)
3529.48325 (13121617)
 4190805.2 |   4838.67657 (17111317)   4514.92259 (17111317)   4230.62685 (17111317)   3970.96403 (17111317)
3733.28039 (17111317)
 4190785.2 |   4069.11957 (17111317)   4434.69557 (15021907)   4304.80053 (13121308)   3871.27345 (15020707)
3482.06781 (17111317)
 4190765.2 |   4413.71026 (15021907)   4883.09485 (13121417)   4389.25300 (13121308)   3895.65873 (13122017)
3078.79533 (17011317)
 4190745.2 |   5149.12105 (15021907)   5047.86490 (13121308)   4514.58463 (13122017)   3570.74551 (15010507)
3901.12530 (17031607)
 4190725.2 |   5798.02876 (13121417)   5229.63020 (13121308)   4418.55374 (13122017)   3938.76209 (17031607)
4197.34318 (17031607)
 4190705.2 |   6063.73899 (13121308)   5425.96052 (13122017)   4150.40755 (17011317)   4820.34136 (17031607)
5083.69537 (15020708)
 4190685.2 |   6423.05741 (13121308)   5003.42352 (13122017)   5300.79985 (17031607)   5406.62579 (15020708)
6308.89845 (15012009)
 4190665.2 |   6673.32674 (13122017)   5472.42935 (17031607)   5671.11556 (15020708)   6950.92056 (15012009)
6569.93400 (15012009)
 4190645.2 |   6109.55642 (15010507)   6657.96374 (17031607)   7664.16242 (15012009)   7581.01799 (15012009)
6023.30982 (16122217)
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL
***
                                  INCLUDING SOURCE(S):     L0000587    , L0000588    , L0000589    , L0000590    ,
L0000591    ,
                 L0000592    , L0000593    , L0000594    , L0000595    , L0000596    , L0000597    , L0000598    ,
L0000599    ,
                 L0000600    , L0000601    , L0000602    , L0000603    , L0000604    , L0000605    , L0000606    ,
L0000607    ,
                 L0000608    , L0000609    , L0000610    , L0000611    , L0000612    , L0000613    , L0000614    ,
. . .      ,

                                   *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                        ** CONC OF PM_10    IN MICROGRAMS/M**3                          **

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       560417.30              560437.30              560457.30              560477.30
560497.30
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

 4191625.2 |   1261.65240 (13121417)   1246.67104 (15112108)   1291.99407 (14112517)   1353.46090 (14112517)
1357.44415 (14112517)
 4191605.2 |   1251.38247 (13121417)   1280.33165 (15112108)   1334.86250 (14112517)   1386.07758 (14112517)
1372.04888 (14112517)
 4191585.2 |   1280.82852 (13121308)   1312.57515 (15112108)   1377.48014 (14112517)   1416.44116 (14112517)
1381.73704 (14112517)
 4191565.2 |   1320.65037 (13121308)   1338.97502 (15112108)   1416.66109 (14112517)   1440.68710 (14112517)
1382.12868 (14112517)
 4191545.2 |   1325.38314 (13121308)   1381.53183 (14112517)   1453.94894 (14112517)   1460.49067 (14112517)
1376.37211 (14112517)
 4191525.2 |   1365.10669 (15112108)   1430.66869 (14112517)   1492.11811 (14112517)   1477.70618 (14112517)
1366.40967 (14112517)
 4191505.2 |   1404.97533 (15112108)   1479.93674 (14112517)   1527.71349 (14112517)   1488.96602 (14112517)
1348.67690 (14112517)
 4191485.2 |   1443.30594 (15112108)   1528.70294 (14112517)   1560.00438 (14112517)   1493.02290 (14112517)
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1323.79977 (14112517)
 4191465.2 | 1489.38168 (14112517)   1576.06938 (14112517)   1587.24870 (14112517)   1489.54177 (14112517)
1290.41413 (14112517)
 4191445.2 | 1546.75614 (14112517)   1621.74250 (14112517)   1608.37743 (14112517)   1477.37357 (14112517)
1289.93757 (17031607)
 4191425.2 | 1604.66389 (14112517)   1664.93782 (14112517)   1622.23754 (14112517)   1455.97289 (14112517)
1310.72242 (17031607)
 4191405.2 | 1662.63213 (14112517)   1704.41534 (14112517)   1627.59856 (14112517)   1424.26836 (14112517)
1239.72302 (17031607)
 4191385.2 | 1724.53718 (14112517)   1741.27914 (14112517)   1623.69179 (14112517)   1382.70792 (14112517)
1340.92856 (15020708)
 4191365.2 | 1784.01172 (14112517)   1771.47490 (14112517)   1612.17265 (14112517)   1348.84353 (15020708)
1597.64353 (15020708)
 4191345.2 | 1839.48571 (14112517)   1792.46076 (14112517)   1589.69820 (14112517)   1637.91463 (15020708)
1772.78721 (15020708)
 4191325.2 | 1889.99772 (14112517)   1799.22420 (14112517)   1669.13401 (15020708)   1842.01189 (15020708)
1927.03098 (15012009)
 4191305.2 | 1933.92048 (14112517)   1795.29100 (14112517)   1913.99604 (15020708)   1994.80384 (15012009)
2116.58993 (15012009)
 4191285.2 | 1969.59158 (14112517)   1992.15792 (15020708)   2072.36018 (15012009)   2217.62106 (15012009)
2111.77046 (15012009)
 4191265.2 | 2064.36203 (15020708)   2148.21104 (15012009)   2332.35982 (15012009)   2227.21008 (15012009)
1913.75478 (15012009)
 4191245.2 | 2246.11061 (15020708)   2445.93535 (15012009)   2356.50064 (15012009)   2023.59941 (15012009)
1881.77745 (16122217)
 4191225.2 | 2571.37858 (15012009)   2490.71613 (15012009)   2140.03432 (15012009)   1989.73753 (16122217)
1967.71735 (16120517)
 4191205.2 | 2640.21021 (15012009)   2266.25547 (15012009)   2098.62623 (16122217)   2096.65791 (16120517)
2092.83375 (16120517)
 4191185.2 | 2407.35593 (15012009)   2218.86557 (16122217)   2230.78679 (16120517)   2191.82058 (16120517)
2164.51312 (14012907)
 4191165.2 | 2350.06943 (16122217)   2376.46757 (16120517)   2293.73699 (16120517)   2323.80872 (14012907)
2305.11493 (14012907)
 4191145.2 | 2532.82868 (16120517)   2397.91059 (16120517)   2489.23808 (14012907)   2408.36573 (14012907)
2177.20543 (14010709)
 4191125.2 | 2582.24615 (14012907)   2657.17737 (14012907)   2504.08879 (14012907)   2345.43568 (14010709)
2264.97871 (14010709)
 4191105.2 | 2824.44277 (14012907)   2587.78081 (14012907)   2497.08015 (14010709)   2350.52536 (13121417)
2516.59783 (13011717)
 4191085.2 | 2695.94652 (14010709)   2621.26228 (14010709)   2630.07501 (13011717)   2789.40018 (13011717)
2764.79744 (13011717)
 4191065.2 | 2729.20181 (13011717)   2980.14304 (13011717)   3017.58958 (13011717)   2864.93676 (13011717)
2576.55526 (13011717)
 4191045.2 | 3293.70417 (13011717)   3178.62307 (13011717)   2887.79449 (13011717)   2608.32982 (13121308)
2437.39437 (13121308)
 4191025.2 | 3261.36247 (13011717)   2838.78450 (13011717)   2754.64262 (13121417)   2714.95621 (13121308)
2762.49849 (13121117)
 4191005.2 | 2917.09043 (15021907)   2982.83682 (13121417)   3122.44362 (13121117)   3256.08262 (13121117)
3274.67607 (13121117)
 4190985.2 | 3539.59451 (13121117)   3650.02659 (13121117)   3643.10480 (13121117)   3874.55365 (13012308)
4132.46390 (13012308)
 4190965.2 | 4363.05315 (14121317)   4686.64112 (13012308)   4909.16265 (13012308)   5207.10922 (13010717)
5607.68856 (13010717)
 4190945.2 | 6228.28991 (13010717)   6492.46403 (13010717)   5618.44670 (13010717)   4195.19344 (13010717)
3256.82316 (13010717)
 4190925.2 | 4048.51507 (13010717)   3395.10635 (14091907)   3156.38870 (14091907)   2966.08465 (14091907)
2802.64824 (14091907)
 4190905.2 | 3290.35025 (14091907)   3107.65414 (14091907)   2940.22038 (14091907)   2781.49707 (14091907)
2626.74146 (14091907)
 4190885.2 | 2984.89000 (14091907)   2769.27198 (14091907)   2559.51585 (14091907)   2465.58419 (13020407)
2420.88594 (17031607)
 4190865.2 | 3094.58172 (13020407)   2963.54460 (13020407)   2837.35065 (13020407)   2715.61375 (13020407)
2598.05805 (13020407)
 4190845.2 | 3204.16281 (13121617)   3064.87273 (13121617)   2937.38828 (13121617)   2820.08024 (13121617)
2708.42010 (13121617)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: ALL
***
                                INCLUDING SOURCE(S):   L0000587   , L0000588   , L0000589   , L0000590   ,
L0000591   ,
                L0000592   , L0000593   , L0000594   , L0000595   , L0000596   , L0000597   , L0000598   ,
L0000599   ,
                L0000600   , L0000601   , L0000602   , L0000603   , L0000604   , L0000605   , L0000606   ,
L0000607   ,
                L0000608   , L0000609   , L0000610   , L0000611   , L0000612   , L0000613   , L0000614   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560417.30   560437.30   560457.30   560477.30
560497.30
 -
- - - - - - - -

 4190825.2 | 3346.26455 (13121617)   3178.74654 (13121617)   3025.42903 (13121617)   2881.19369 (13121617)
3165.76453 (15020708)
 4190805.2 | 3515.39340 (17111317)   3315.27303 (17111317)   3131.28792 (17111317)   3307.15765 (15020708)
3552.60186 (15012009)
 4190785.2 | 3349.16520 (17111317)   3363.06463 (17031607)   3431.75794 (15020708)   3741.31473 (15020708)
4076.42903 (15012009)
 4190765.2 | 3687.57529 (17031607)   3534.92693 (15020708)   4055.92954 (15020708)   4417.49783 (15012009)
3753.70793 (15012009)
 4190745.2 | 3606.85849 (15020708)   4391.95426 (15020708)   4804.71957 (15012009)   4131.57697 (15012009)
3616.81741 (16122217)
 4190725.2 | 4737.30581 (15020708)   5243.97631 (15012009)   4579.19184 (15012009)   3950.73324 (16122217)
3896.15424 (16120517)
 4190705.2 | 5742.05530 (15012009)   5115.49272 (15012009)   4342.27048 (16122217)   4253.57240 (16120517)
4067.12847 (14012907)
 4190685.2 | 5766.42378 (15012009)   4805.01168 (16122217)   4648.46305 (16120517)   4508.33506 (14012907)
3878.39021 (14012907)
 4190665.2 | 5357.49212 (16122217)   5079.02719 (16120517)   4968.04633 (14012907)   4440.14406 (14010709)
3940.89448 (14010709)
 4190645.2 | 5693.91670 (14012907)   5411.78890 (14012907)   4958.84070 (14010709)   4696.42840 (13011717)
4758.01765 (13011717)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: ALL
***
                                INCLUDING SOURCE(S):   L0000587   , L0000588   , L0000589   , L0000590   ,
L0000591   ,
                L0000592   , L0000593   , L0000594   , L0000595   , L0000596   , L0000597   , L0000598   ,
L0000599   ,
                L0000600   , L0000601   , L0000602   , L0000603   , L0000604   , L0000605   , L0000606   ,
L0000607   ,
                L0000608   , L0000609   , L0000610   , L0000611   , L0000612   , L0000613   , L0000614   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)

(METERS)	560517.30	560537.30	560557.30	560577.30	560597.30
4191625.2	1284.27744 (14112517)	1138.16621 (14112517)	942.69544 (14112517)	926.03322 (16112517)	956.99621 (15021907)
4191605.2	1276.09643 (14112517)	1107.65583 (14112517)	960.86251 (16112517)	919.96034 (16112517)	1006.96815 (15021907)
4191585.2	1261.08905 (14112517)	1069.20908 (14112517)	972.99721 (16112517)	968.40320 (15021907)	1057.25985 (15021907)
4191565.2	1236.38826 (14112517)	1025.09097 (14112517)	976.70397 (16112517)	1038.51729 (17031607)	1107.66720 (15021907)
4191545.2	1205.45938 (14112517)	1011.70546 (16112517)	1048.22154 (17031607)	1088.21040 (17031607)	1161.65935 (15021907)
4191525.2	1170.51538 (14112517)	1050.18392 (17031607)	1127.25538 (17031607)	1131.83177 (15021907)	1218.13737 (15021907)
4191505.2	1128.28263 (14112517)	1155.91926 (17031607)	1137.54400 (17031607)	1189.87988 (15021907)	1270.01095 (15021907)
4191485.2	1176.47918 (17031607)	1196.17946 (17031607)	1154.31790 (15021907)	1249.04348 (15021907)	1319.46183 (15021907)
4191465.2	1249.46581 (17031607)	1159.80527 (17031607)	1217.43713 (15021907)	1307.52388 (15021907)	1395.26879 (15020708)
4191445.2	1236.04248 (17031607)	1176.91434 (15021907)	1302.42203 (15020708)	1436.27321 (15020708)	1451.97882 (15020708)
4191425.2	1143.03156 (17031607)	1319.12939 (15020708)	1479.17077 (15020708)	1512.39875 (15020708)	1629.63599 (15012009)
4191405.2	1331.60852 (15020708)	1521.33316 (15020708)	1575.52967 (15020708)	1686.05604 (15012009)	1719.10843 (15012009)
4191385.2	1557.81448 (15020708)	1636.43155 (15020708)	1741.77884 (15012009)	1789.33959 (15012009)	1676.70042 (15012009)
4191365.2	1701.40853 (15020708)	1797.78957 (15012009)	1861.25914 (15012009)	1750.20028 (15012009)	1543.77653 (13121417)
4191345.2	1860.12743 (15012009)	1939.04037 (15012009)	1827.17527 (15012009)	1596.40243 (13121417)	1537.61070 (13121417)
4191325.2	2024.56275 (15012009)	1914.35848 (15012009)	1653.82748 (15012009)	1629.06963 (13121417)	1574.74562 (13121308)
4191305.2	2008.86713 (15012009)	1732.97308 (15012009)	1679.18973 (13121417)	1636.99186 (13121417)	1643.43937 (16120517)
4191285.2	1819.32775 (15012009)	1705.29300 (15021907)	1726.19602 (13121417)	1724.38095 (16120517)	1673.43323 (16120517)
4191265.2	1786.55153 (16122217)	1766.75909 (13121417)	1808.91869 (16120517)	1731.11019 (16120517)	1736.31163 (14012907)
4191245.2	1846.18380 (16120517)	1897.46596 (16120517)	1788.61531 (16120517)	1846.79797 (14012907)	1852.48589 (14012907)
4191225.2	1989.52490 (16120517)	1868.76313 (13121417)	1959.59982 (14012907)	1929.02079 (14012907)	1788.77082 (14012907)
4191205.2	2003.55709 (14012907)	2073.49472 (14012907)	2000.06094 (14012907)	1817.19331 (14012907)	1836.93864 (14010709)
4191185.2	2186.40922 (14012907)	2063.56489 (14012907)	1933.29110 (14010709)	1918.73966 (14010709)	1781.84208 (14010709)
4191165.2	2118.15727 (14012907)	2060.57810 (14010709)	1979.80084 (14010709)	1901.37259 (13011717)	2071.20222 (13011717)
4191145.2	2180.06951 (14010709)	2030.04699 (13121308)	2148.86715 (13011717)	2260.89608 (13011717)	2250.26125 (13011717)
4191125.2	2224.54476 (13011717)	2393.37480 (13011717)	2417.13920 (13011717)	2314.46856 (13011717)	2690.31833 (15010507)
4191105.2	2604.83136 (13011717)	2537.91986 (13011717)	2339.43527 (13011717)	2547.36747 (15032607)	3637.98657 (15010507)
4191085.2	2586.39039 (13011717)	2584.66293 (14012208)	3358.54200 (14010608)	3645.00901 (14010608)	4167.09789 (15010507)
4191065.2	2250.01779 (14010608)	2985.86362 (13121309)	3960.29820 (13121309)	5076.92226 (15011209)	4250.73896 (15012009)
4191045.2	2748.20106 (13121309)	3495.03224 (15011209)	4729.58644 (15011209)	4193.36826 (15012009)	3679.71148 (14121317)
4191025.2	3122.11549 (15011209)	3703.81717 (15011209)	3386.10621 (15012009)	4071.09473 (14121317)	4178.74462 (14121317)
4191005.2	3258.87426 (14121317)	3589.57675 (13012308)	4748.68307 (14121317)	4593.73343 (13012308)	4422.49369 (13010717)

 4190985.2 | 4320.03130 (13012308)   5289.50073 (14121317)   5340.99875 (13010717)   4575.24485 (13010717)
3712.00137 (13010717)
 4190965.2 | 5600.50097 (13010717)   4450.51969 (13010717)   3274.90359 (13010717)   2718.81732 (14122717)
2451.41068 (14122717)
 4190945.2 | 2921.62176 (14091907)   2701.02966 (14091907)   2538.52524 (14091907)   2416.62332 (14091907)
2317.15746 (14091907)
 4190925.2 | 2667.52254 (14091907)   2547.40905 (14091907)   2434.22092 (14091907)   2353.81462 (15020708)
2433.05085 (15020708)
 4190905.2 | 2473.94938 (14091907)   2322.70876 (14091907)   2423.15049 (15020708)   2566.32546 (15020708)
2782.64025 (15012009)
 4190885.2 | 2348.02422 (13020407)   2484.86271 (15020708)   2707.84272 (15020708)   2908.48485 (15012009)
2856.30449 (15012009)
 4190865.2 | 2535.81033 (15020708)   2854.19432 (15020708)   3051.44598 (15012009)   3038.55170 (15012009)
2510.72443 (15012009)
 4190845.2 | 3014.70674 (15020708)   3219.76570 (15012009)   3261.48370 (15012009)   2695.78218 (15012009)
2499.56999 (16122217)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: ALL
***
                               INCLUDING SOURCE(S):   L0000587   , L0000588   , L0000589   , L0000590   ,
L0000591   ,
               L0000592   , L0000593   , L0000594   , L0000595   , L0000596   , L0000597   , L0000598   ,
L0000599   ,
               L0000600   , L0000601   , L0000602   , L0000603   , L0000604   , L0000605   , L0000606   ,
L0000607   ,
               L0000608   , L0000609   , L0000610   , L0000611   , L0000612   , L0000613   , L0000614   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560517.30   560537.30   560557.30   560577.30
560597.30
 -
- - - - - - - -

 4190825.2 | 3384.53741 (15012009)   3505.00045 (15012009)   2911.21759 (15012009)   2669.97619 (16122217)
2612.45756 (16120517)
 4190805.2 | 3773.77263 (15012009)   3152.87021 (15012009)   2861.52387 (16122217)   2813.12434 (16120517)
2707.27460 (16120517)
 4190785.2 | 3431.04995 (15012009)   3079.62484 (16122217)   3038.50987 (16120517)   2851.14171 (16120517)
2871.11106 (14012907)
 4190765.2 | 3329.25592 (16122217)   3291.76123 (16120517)   2996.67415 (16120517)   3092.07731 (14012907)
2794.76880 (14012907)
 4190745.2 | 3576.64458 (16120517)   3296.55395 (14012907)   3316.78271 (14012907)   2860.93972 (14012907)
2905.58681 (14010709)
 4190725.2 | 3660.95032 (14012907)   3534.83460 (14012907)   3201.93381 (14010709)   3049.98694 (14010709)
2900.45830 (13011717)
 4190705.2 | 3729.81303 (14012907)   3540.52769 (14010709)   3127.22052 (13121017)   3367.73481 (13011717)
3332.73912 (13011717)
 4190685.2 | 3809.85253 (14010709)   3609.01928 (13011717)   3780.27767 (13011717)   3408.33621 (13011717)
2772.80364 (13011617)
 4190665.2 | 4249.86957 (13011717)   4023.36253 (13011717)   3256.69023 (13011617)   2521.98426 (13011617)
2269.81376 (13121117)
 4190645.2 | 3969.65385 (13011717)   3025.16561 (13011617)   2618.12248 (13121117)   3002.95510 (13121117)
3169.66733 (13121117)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: ALL
***
                                INCLUDING SOURCE(S):   L0000587   , L0000588   , L0000589   , L0000590   ,
L0000591   ,
                L0000592   , L0000593   , L0000594   , L0000595   , L0000596   , L0000597   , L0000598   ,
L0000599   ,
                L0000600   , L0000601   , L0000602   , L0000603   , L0000604   , L0000605   , L0000606   ,
L0000607   ,
                L0000608   , L0000609   , L0000610   , L0000611   , L0000612   , L0000613   , L0000614   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560617.30   560637.30   560657.30   560677.30
560697.30
 -
- - - - - - - -

 4191625.2 | 1041.09981 (15021907)   1114.49057 (15021907)   1160.53533 (15021907)   1164.82496 (15021907)
1185.90205 (13121417)
 4191605.2 | 1090.91088 (15021907)   1156.97472 (15021907)   1189.63890 (15021907)   1199.88951 (13121417)
1198.37472 (13121417)
 4191585.2 | 1136.15462 (15021907)   1191.28601 (15021907)   1205.16683 (15021907)   1221.50762 (13121417)
1192.00094 (13121417)
 4191565.2 | 1181.55917 (15021907)   1228.86096 (15021907)   1233.30178 (13121417)   1244.48915 (13121417)
1190.24992 (13121308)
 4191545.2 | 1228.80954 (15021907)   1253.54090 (15021907)   1266.74141 (13121417)   1247.67596 (13121417)
1275.05990 (15012009)
 4191525.2 | 1274.16819 (15021907)   1280.39646 (13121417)   1300.46368 (13121417)   1310.09169 (15012009)
1395.17688 (15012009)
 4191505.2 | 1310.48796 (15021907)   1323.02258 (13121417)   1338.97791 (15012009)   1437.12149 (15012009)
1429.12542 (15012009)
 4191485.2 | 1354.54917 (15020708)   1370.11446 (15012009)   1479.95794 (15012009)   1478.26235 (15012009)
1374.82276 (15012009)
 4191465.2 | 1401.96389 (15012009)   1526.82813 (15012009)   1530.92955 (15012009)   1424.34409 (15012009)
1281.82113 (13121308)
 4191445.2 | 1575.93193 (15012009)   1588.33442 (15012009)   1479.82923 (15012009)   1345.04223 (13121308)
1266.74359 (13121308)
 4191425.2 | 1651.53898 (15012009)   1541.23077 (15012009)   1397.48752 (13121308)   1341.80144 (13121308)
1283.20235 (16122217)
 4191405.2 | 1607.33828 (15012009)   1434.94621 (13121308)   1411.69716 (13121308)   1330.55156 (16122217)
1299.20752 (16120517)
 4191385.2 | 1455.79358 (15012009)   1467.49724 (13121308)   1407.58871 (13121308)   1361.73859 (16120517)
1397.76955 (16120517)
 4191365.2 | 1503.06407 (13121308)   1483.43566 (13121308)   1427.74704 (16120517)   1451.21250 (16120517)
1382.80651 (16120517)
 4191345.2 | 1541.12234 (13121308)   1497.44505 (16120517)   1506.83071 (16120517)   1418.05289 (16120517)
1445.73927 (14012907)
 4191325.2 | 1569.18641 (16120517)   1563.21070 (16120517)   1453.83045 (16120517)   1528.14789 (14012907)
1542.68720 (14012907)
 4191305.2 | 1617.73940 (16120517)   1529.98729 (14012907)   1610.58977 (14012907)   1602.51858 (14012907)
1556.55801 (15010507)
 4191285.2 | 1629.54531 (14012907)   1690.47720 (14012907)   1656.18616 (14012907)   1545.33999 (15010507)
1694.39359 (15010507)
 4191265.2 | 1772.47975 (14012907)   1706.75306 (14012907)   1563.83873 (14012907)   1708.47685 (15010507)
1826.24599 (15010507)
 4191245.2 | 1751.45086 (14012907)   1631.27605 (14010709)   1686.44327 (15010507)   1899.30589 (15010507)
1910.27519 (15010507)
 4191225.2 | 1739.44876 (14010709)   1713.70237 (14010709)   1917.30858 (15010507)   2080.16776 (15010507)
2069.30219 (17031607)
 4191205.2 | 1757.98575 (14010709)   1875.80809 (15010507)   2201.49480 (15010507)   2183.10625 (15010507)
2343.38832 (17031607)

 4191185.2 | 1863.68381 (13011717)   2236.62481 (15010507)   2467.27916 (15010507)   2528.25348 (17031607)
2849.65600 (15012009)
 4191165.2 | 2160.95357 (15010507)   2705.27166 (15010507)   2690.52068 (17031607)   3150.48315 (15012009)
3210.62965 (15012009)
 4191145.2 | 2823.59685 (15010507)   3151.69076 (15010507)   3522.82960 (15012009)   3715.69534 (15012009)
3175.74282 (14012907)
 4191125.2 | 3647.11559 (15010507)   3536.82285 (15020708)   3920.65553 (15012009)   3529.58488 (13011717)
3769.29467 (13121117)
 4191105.2 | 3228.33828 (15010507)   2977.24244 (14010608)   3135.92650 (14010608)   3450.94105 (13121309)
3700.55255 (13121309)
 4191085.2 | 4062.06828 (15012009)   3540.13446 (15011209)   3410.66962 (15011209)   3217.59888 (15011209)
2819.38783 (13121117)
 4191065.2 | 3542.12274 (13121117)   3355.92048 (13121117)   3102.36002 (13121117)   3026.22342 (14121317)
3029.98081 (13012308)
 4191045.2 | 3618.09145 (14121317)   3479.81338 (13012308)   3435.39577 (13012308)   3309.73836 (13012308)
3115.75657 (13010717)
 4191025.2 | 3982.17644 (13012308)   3720.60135 (13012308)   3618.24277 (13010717)   3427.18710 (13010717)
3137.57589 (13010717)
 4191005.2 | 4132.21198 (13010717)   3678.91619 (13010717)   3176.72474 (13010717)   2693.79514 (13010717)
2269.16721 (13010717)
 4190985.2 | 2982.60483 (13010717)   2422.15258 (13010717)   2205.28580 (15012009)   2307.35426 (15012009)
2136.78297 (15012009)
 4190965.2 | 2234.78190 (14122717)   2274.30562 (15012009)   2414.30597 (15012009)   2254.63460 (15012009)
1943.08565 (14091907)
 4190945.2 | 2346.19984 (15012009)   2530.46608 (15012009)   2384.28648 (15012009)   1988.88474 (14091907)
1909.68676 (14091907)
 4190925.2 | 2652.28098 (15012009)   2527.04511 (15012009)   2067.13728 (15012009)   1983.68939 (16122217)
1933.09752 (16122217)
 4190905.2 | 2684.50659 (15012009)   2199.17211 (15012009)   2093.19220 (16122217)   2024.51648 (16122217)
2079.29425 (16120517)
 4190885.2 | 2346.84924 (15012009)   2214.54397 (16122217)   2129.86188 (16120517)   2190.30750 (16120517)
1996.63978 (16120517)
 4190865.2 | 2349.64665 (16122217)   2273.46862 (16120517)   2308.57683 (16120517)   2115.77717 (14012907)
2201.85051 (14012907)
 4190845.2 | 2433.25194 (16120517)   2434.84872 (16120517)   2281.09972 (14012907)   2330.42808 (14012907)
2160.10396 (14012907)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: ALL
***
                                INCLUDING SOURCE(S):   L0000587   , L0000588   , L0000589   , L0000590   ,
L0000591   ,
                L0000592   , L0000593   , L0000594   , L0000595   , L0000596   , L0000597   , L0000598   ,
L0000599   ,
                L0000600   , L0000601   , L0000602   , L0000603   , L0000604   , L0000605   , L0000606   ,
L0000607   ,
                L0000608   , L0000609   , L0000610   , L0000611   , L0000612   , L0000613   , L0000614   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560617.30   560637.30   560657.30   560677.30
560697.30
 -
- - - - - - - -

 4190825.2 | 2568.05055 (16120517)   2462.66930 (14012907)   2459.24961 (14012907)   2209.68584 (14012907)
2161.23862 (14010709)
 4190805.2 | 2660.09746 (14012907)   2584.20370 (14012907)   2239.57184 (14012907)   2315.07921 (14010709)
2126.08528 (14010709)

 4190785.2 | 2698.68523 (14012907)   2469.57911 (14010709)   2440.02214 (14010709)   2185.65116 (13121017)
2323.15528 (13011717)
 4190765.2 | 2701.88244 (14010709)   2517.05883 (14010709)   2408.67934 (13011717)   2587.96180 (13011717)
2531.65114 (13011717)
 4190745.2 | 2580.67172 (13121017)   2760.29084 (13011717)   2805.93552 (13011717)   2569.02418 (13011717)
2176.34763 (13011617)
 4190725.2 | 3090.41136 (13011717)   2927.15785 (13011717)   2481.25838 (13011717)   2066.30437 (13011617)
1582.90432 (13011617)
 4190705.2 | 2900.05558 (13011717)   2383.22552 (13011617)   1827.93985 (13011617)   1779.63458 (13121117)
2014.86987 (13121117)
 4190685.2 | 2133.55152 (13011617)   1997.33789 (13121117)   2273.08140 (13121117)   2445.01231 (13121117)
2472.27844 (13121117)
 4190665.2 | 2594.69560 (13121117)   2770.38468 (13121117)   2752.23273 (13121117)   2552.25079 (13121117)
2557.67525 (13012308)
 4190645.2 | 3074.62567 (13121117)   2854.87193 (13012308)   2938.27924 (13012308)   2876.60672 (13012308)
2698.75239 (13010717)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: ALL
***
                                INCLUDING SOURCE(S):   L0000587   , L0000588   , L0000589   , L0000590   ,
L0000591   ,
                L0000592   , L0000593   , L0000594   , L0000595   , L0000596   , L0000597   , L0000598   ,
L0000599   ,
                L0000600   , L0000601   , L0000602   , L0000603   , L0000604   , L0000605   , L0000606   ,
L0000607   ,
                L0000608   , L0000609   , L0000610   , L0000611   , L0000612   , L0000613   , L0000614   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560717.30   560737.30   560757.30   560777.30
560797.30
 -
- - - - - - - -

 4191625.2 | 1149.30463 (13121417)   1144.10083 (13121308)   1138.30891 (13121308)   1168.92528 (15012009)
1208.67028 (15012009)
 4191605.2 | 1148.56363 (13121308)   1163.09834 (13121308)   1191.59390 (15012009)   1239.56810 (15012009)
1212.47341 (15012009)
 4191585.2 | 1184.51314 (13121308)   1210.62598 (15012009)   1264.41676 (15012009)   1246.16009 (15012009)
1155.95803 (15012009)
 4191565.2 | 1242.76620 (15012009)   1302.89602 (15012009)   1277.91268 (15012009)   1185.25422 (15012009)
1079.05992 (15020707)
 4191545.2 | 1348.87270 (15012009)   1329.52232 (15012009)   1230.57753 (15012009)   1112.19304 (15020707)
1119.98722 (13122017)
 4191525.2 | 1379.40716 (15012009)   1279.07105 (15012009)   1140.29553 (15020707)   1117.57823 (13122017)
1144.56068 (13122017)
 4191505.2 | 1326.47954 (15012009)   1164.89533 (15012009)   1158.12226 (15020707)   1161.43135 (13122017)
1146.97034 (13122017)
 4191485.2 | 1215.64205 (13121308)   1190.86657 (15020707)   1177.81026 (13122017)   1192.61905 (13122017)
1184.38212 (15010507)
 4191465.2 | 1210.18261 (15020707)   1209.68061 (15020707)   1219.93434 (13122017)   1208.30407 (13122017)
1234.55525 (15010507)
 4191445.2 | 1240.37163 (15020707)   1232.92078 (13122017)   1250.99918 (13122017)   1254.37040 (15010507)
1273.93149 (15010507)
 4191425.2 | 1257.12220 (15020707)   1293.60252 (16120517)   1274.52456 (16120517)   1310.12565 (15010507)
1297.20849 (15010507)
 4191405.2 | 1343.59389 (16120517)   1308.75701 (16120517)   1332.94981 (15010507)   1354.98977 (15010507)
1319.34949 (14012907)

 4191385.2 | 1345.81120 (16120517)   1342.87247 (15010507)   1398.45249 (15010507)   1376.65798 (15010507)
1311.59136 (14012907)
 4191365.2 | 1375.22314 (13122017)   1427.75766 (15010507)   1449.13535 (15010507)   1367.78021 (15010507)
1467.82467 (17031607)
 4191345.2 | 1482.13955 (14012907)   1507.18322 (15010507)   1470.69659 (15010507)   1468.19191 (17031607)
1619.39393 (17031607)
 4191325.2 | 1544.15355 (15010507)   1566.17824 (15010507)   1450.66153 (15010507)   1661.76961 (17031607)
1664.70052 (17031607)
 4191305.2 | 1644.57888 (15010507)   1584.54758 (15010507)   1698.10200 (17031607)   1751.28999 (17031607)
1765.19282 (15020708)
 4191285.2 | 1714.70161 (15010507)   1707.55439 (17031607)   1851.77430 (17031607)   1844.37898 (15020708)
1953.22863 (15012009)
 4191265.2 | 1725.51693 (15010507)   1938.91821 (17031607)   1929.67011 (15020708)   2072.22257 (15012009)
2035.81593 (15012009)
 4191245.2 | 2020.12539 (17031607)   2025.33086 (15020708)   2204.54902 (15012009)   2167.61004 (15012009)
1988.01938 (15012009)
 4191225.2 | 2163.77981 (17031607)   2391.03023 (15012009)   2328.35091 (15012009)   2097.08151 (15012009)
2059.61242 (15020708)
 4191205.2 | 2605.07320 (15012009)   2571.43793 (15012009)   2261.16718 (15012009)   2163.56330 (15020708)
2273.07099 (15020708)
 4191185.2 | 2846.68356 (15012009)   2450.48428 (15012009)   2350.95255 (14012907)   2508.60958 (13011717)
2664.40024 (13011717)
 4191165.2 | 2703.40480 (15012009)   2732.76130 (13011717)   2951.96388 (13011717)   3058.97094 (13011717)
3379.74536 (13121117)
 4191145.2 | 3358.54292 (13011717)   3445.42232 (13011717)   3961.61031 (13121117)   4628.20823 (14121317)
5005.20716 (14121317)
 4191125.2 | 3971.15882 (14121317)   4127.60983 (14121317)   4082.36590 (14121317)   3923.64161 (13121309)
3788.84655 (15011209)
 4191105.2 | 3484.70051 (15011209)   3379.19051 (15011209)   3025.80786 (15011209)   2692.14716 (15011209)
2458.85558 (13012308)
 4191085.2 | 2699.31182 (14121317)   2694.68767 (13012308)   2697.93571 (13012308)   2636.80606 (13012308)
2513.80364 (13012308)
 4191065.2 | 2989.68656 (13012308)   2868.66852 (13012308)   2735.20910 (13010717)   2699.22749 (13010717)
2597.99302 (13010717)
 4191045.2 | 3082.00614 (13010717)   2950.88743 (13010717)   2740.39584 (13010717)   2492.68049 (13010717)
2228.67755 (13010717)
 4191025.2 | 2794.75725 (13010717)   2444.48058 (13010717)   2113.86428 (13010717)   1819.39668 (13010717)
1605.91843 (14010417)
 4191005.2 | 2029.52547 (15012009)   1826.50286 (14122717)   1766.53499 (14122717)   1693.75976 (14122717)
1630.51461 (16120517)
 4190985.2 | 1820.01679 (14122717)   1715.62853 (14091907)   1697.92727 (16122217)   1707.12637 (16120517)
1678.84692 (16120517)
 4190965.2 | 1890.10837 (14091907)   1837.14680 (14091907)   1790.23916 (16120517)   1740.22559 (16120517)
1669.70480 (14091907)
 4190945.2 | 1848.57360 (16122217)   1879.37893 (16120517)   1803.19455 (16120517)   1737.13606 (14012907)
1782.35521 (14012907)
 4190925.2 | 1975.97982 (16120517)   1867.53864 (16120517)   1843.07187 (14012907)   1863.88004 (14012907)
1753.70147 (14012907)
 4190905.2 | 1932.46594 (16120517)   1956.50047 (14012907)   1944.89624 (14012907)   1789.55200 (14012907)
1665.40679 (14010709)
 4190885.2 | 2076.54097 (14012907)   2023.47867 (14012907)   1814.70275 (14012907)   1790.13525 (14010709)
1767.59299 (14010709)
 4190865.2 | 2096.43757 (14012907)   1826.37968 (14012907)   1908.14230 (14010709)   1813.88089 (14010709)
1657.77214 (13121017)
 4190845.2 | 1994.26619 (14010709)   2010.91806 (14010709)   1829.34988 (14010709)   1781.46642 (13011717)
1922.14018 (13011717)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: ALL
***
                               INCLUDING SOURCE(S):   L0000587   , L0000588   , L0000589   , L0000590   ,
L0000591   ,
               L0000592   , L0000593   , L0000594   , L0000595   , L0000596   , L0000597   , L0000598   ,

L0000599   ,
                L0000600   , L0000601   , L0000602   , L0000603   , L0000604   , L0000605   , L0000606   ,
L0000607   ,
                L0000608   , L0000609   , L0000610   , L0000611   , L0000612   , L0000613   , L0000614   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560717.30   560737.30   560757.30   560777.30
560797.30
 -
- - - - - - - -

 4190825.2 | 2087.60026 (14010709)   1888.37310 (13121017)   1996.78735 (13011717)   2084.56865 (13011717)
2026.46648 (13011717)
 4190805.2 | 2050.95686 (13011717)   2211.52629 (13011717)   2210.90873 (13011717)   2044.50746 (13011717)
1772.63307 (13011617)
 4190785.2 | 2400.79244 (13011717)   2276.66130 (13011717)   1987.93638 (13011717)   1722.07781 (13011617)
1651.40214 (17111317)
 4190765.2 | 2257.36964 (13011717)   1931.94964 (13011617)   1748.11919 (17111317)   1705.68430 (17111317)
1663.98732 (17111317)
 4190745.2 | 1805.68689 (13011617)   1508.80704 (17111317)   1494.86829 (17111317)   1630.35238 (13121117)
1767.39068 (13121117)
 4190725.2 | 1602.23949 (13121117)   1804.49065 (13121117)   1954.32226 (13121117)   2022.33353 (13121117)
1994.75969 (13121117)
 4190705.2 | 2176.96436 (13121117)   2230.60791 (13121117)   2165.14994 (13121117)   1997.00111 (13121117)
2045.25768 (13012308)
 4190685.2 | 2351.76290 (13121117)   2231.01180 (13012308)   2297.86620 (13012308)   2281.82487 (13012308)
2187.19373 (13012308)
 4190665.2 | 2578.46630 (13012308)   2493.29808 (13012308)   2381.08546 (13010717)   2385.56574 (13010717)
2317.16578 (13010717)
 4190645.2 | 2712.87401 (13010717)   2629.04551 (13010717)   2463.77131 (13010717)   2240.67584 (13010717)
1985.40942 (13010717)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: ALL
***
                                INCLUDING SOURCE(S):   L0000587   , L0000588   , L0000589   , L0000590   ,
L0000591   ,
                L0000592   , L0000593   , L0000594   , L0000595   , L0000596   , L0000597   , L0000598   ,
L0000599   ,
                L0000600   , L0000601   , L0000602   , L0000603   , L0000604   , L0000605   , L0000606   ,
L0000607   ,
                L0000608   , L0000609   , L0000610   , L0000611   , L0000612   , L0000613   , L0000614   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560817.30   560837.30   560857.30   560877.30
560897.30
 -
- - - - - - - -

 4191625.2 | 1178.20768 (15012009)   1091.89603 (15012009)   1027.29214 (13122017)   1018.93745 (15010507)
1026.42196 (15010507)
 4191605.2 | 1123.58919 (15012009)   1053.44339 (13122017)   1027.07792 (15010507)   1047.69666 (15010507)
1037.88016 (15010507)

 4191585.2 | 1068.00092 (13122017)   1060.89845 (13122017)   1062.74523 (15010507)   1067.90757 (15010507)
1037.56044 (15010507)
 4191565.2 | 1093.92941 (13122017)   1072.73928 (15010507)   1092.47422 (15010507)   1077.23317 (15010507)
1027.08319 (16120517)
 4191545.2 | 1103.73248 (13122017)   1111.28898 (15010507)   1112.91327 (15010507)   1073.73163 (15010507)
1044.00962 (16120517)
 4191525.2 | 1133.52386 (15010507)   1143.32797 (15010507)   1122.06758 (15010507)   1068.36410 (16120517)
1058.01601 (17031607)
 4191505.2 | 1177.09632 (15010507)   1165.66747 (15010507)   1115.36896 (15010507)   1039.23356 (17031607)
1183.23573 (17031607)
 4191485.2 | 1202.53540 (15010507)   1172.49224 (15010507)   1091.69959 (15010507)   1179.24019 (17031607)
1282.81812 (17031607)
 4191465.2 | 1227.48574 (15010507)   1162.29110 (15010507)   1173.57445 (14012907)   1298.38615 (17031607)
1336.05948 (17031607)
 4191445.2 | 1231.48644 (15010507)   1222.91521 (14012907)   1311.75430 (17031607)   1376.26253 (17031607)
1338.01373 (17031607)
 4191425.2 | 1270.80994 (14012907)   1308.29365 (17031607)   1413.85287 (17031607)   1397.29500 (17031607)
1380.44265 (15020708)
 4191405.2 | 1294.92530 (17031607)   1439.02394 (17031607)   1450.93148 (17031607)   1410.97466 (15020708)
1492.96322 (15020708)
 4191385.2 | 1450.54214 (17031607)   1499.45411 (17031607)   1433.08248 (15020708)   1536.69889 (15020708)
1567.29223 (15012009)
 4191365.2 | 1553.30524 (17031607)   1497.04917 (17031607)   1574.92541 (15020708)   1624.87824 (15012009)
1625.43116 (15012009)
 4191345.2 | 1578.27518 (17031607)   1619.82888 (15020708)   1682.48820 (15012009)   1685.45809 (15012009)
1657.47126 (15020708)
 4191325.2 | 1695.66164 (15020708)   1746.10736 (15012009)   1744.14174 (15012009)   1702.15468 (15020708)
1736.96709 (15020708)
 4191305.2 | 1851.57025 (15012009)   1809.84410 (15012009)   1740.97615 (15012009)   1787.54212 (15020708)
1829.30122 (15020708)
 4191285.2 | 1923.63539 (15012009)   1793.40801 (15012009)   1835.23509 (15020708)   1894.77391 (15020708)
1932.31534 (15012009)
 4191265.2 | 1893.78916 (15012009)   1885.96385 (15020708)   1949.61732 (15020708)   1989.77002 (15020708)
2118.05776 (15012009)
 4191245.2 | 1972.49388 (15020708)   2029.87158 (15020708)   2076.54798 (15020708)   2191.29529 (15012009)
2318.34191 (15012009)
 4191225.2 | 2147.88718 (15020708)   2189.33096 (15020708)   2301.01087 (15012009)   2460.58908 (15012009)
2517.54530 (15012009)
 4191205.2 | 2368.75537 (15020708)   2513.78023 (15012009)   2651.97498 (15012009)   2703.69736 (15012009)
2750.31050 (13121117)
 4191185.2 | 2743.31314 (15012009)   2996.72047 (15012009)   3305.91999 (13121117)   3769.29223 (13121117)
4165.15299 (13121117)
 4191165.2 | 4064.64095 (13121117)   4611.52239 (14121317)   5259.82866 (14121317)   5358.39307 (14121317)
5069.32129 (14121317)
 4191145.2 | 4874.69629 (14121317)   4412.55869 (14121317)   3880.39958 (15011209)   3607.98367 (15011209)
3142.93442 (15011209)
 4191125.2 | 3275.57974 (15011209)   2869.45729 (15011209)   2591.05802 (15011209)   2342.75496 (15011209)
2142.87862 (13012308)
 4191105.2 | 2433.14834 (13012308)   2361.41373 (13012308)   2243.23006 (13012308)   2189.72314 (13010717)
2168.25393 (13010717)
 4191085.2 | 2426.26043 (13010717)   2404.08585 (13010717)   2326.90948 (13010717)   2208.22592 (13010717)
2060.97585 (13010717)
 4191065.2 | 2444.19875 (13010717)   2256.89977 (13010717)   2049.89398 (13010717)   1839.64586 (13010717)
1635.53609 (13010717)
 4191045.2 | 1968.83051 (13010717)   1725.89459 (13010717)   1509.52054 (16120517)   1418.14583 (16120517)
1412.44513 (14012907)
 4191025.2 | 1559.51997 (16120517)   1563.06271 (16120517)   1488.35006 (14122717)   1478.57945 (14012907)
1502.84335 (14012907)
 4191005.2 | 1619.75237 (16120517)   1482.64025 (16120517)   1548.93372 (14012907)   1556.63195 (14012907)
1479.22095 (14012907)
 4190985.2 | 1619.12576 (14091907)   1623.60863 (14012907)   1609.84933 (14012907)   1514.06445 (14091907)
1473.04917 (14091907)
 4190965.2 | 1701.84769 (14012907)   1661.78755 (14012907)   1523.33184 (14012907)   1427.62643 (14010709)
1466.37335 (14010709)
 4190945.2 | 1710.30841 (14012907)   1534.49194 (14012907)   1523.10116 (14010709)   1525.38347 (14010709)
1421.37411 (14010709)
 4190925.2 | 1541.48484 (14010709)   1615.53306 (14010709)   1570.40965 (14010709)   1443.57208 (13121017)
1407.22937 (13011717)
 4190905.2 | 1699.14417 (14010709)   1596.60758 (14010709)   1474.56604 (13121017)   1549.66548 (13011717)

1632.87808 (13011717)
 4190885.2 | 1613.73942 (13121017)   1572.63890 (13011717)   1695.38922 (13011717)   1737.76731 (13011717)
1683.45380 (13011717)
 4190865.2 | 1746.20353 (13011717)   1834.10364 (13011717)   1815.35503 (13011717)   1690.76271 (13011717)
1486.87755 (13011617)
 4190845.2 | 1950.37206 (13011717)   1852.41456 (13011717)   1649.97676 (13011717)   1493.25103 (13121617)
1456.67246 (13121617)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: ALL
***
                                INCLUDING SOURCE(S):   L0000587   , L0000588   , L0000589   , L0000590   ,
L0000591   ,
                L0000592   , L0000593   , L0000594   , L0000595   , L0000596   , L0000597   , L0000598   ,
L0000599   ,
                L0000600   , L0000601   , L0000602   , L0000603   , L0000604   , L0000605   , L0000606   ,
L0000607   ,
                L0000608   , L0000609   , L0000610   , L0000611   , L0000612   , L0000613   , L0000614   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560817.30   560837.30   560857.30   560877.30
560897.30
 -
- - - - - - - -

 4190825.2 | 1835.99988 (13011717)   1609.09589 (13011617)   1459.19983 (13121617)   1420.14193 (13121617)
1383.06280 (13121617)
 4190805.2 | 1541.90845 (13011617)   1348.41249 (17111317)   1303.56617 (17111317)   1261.28894 (17111317)
1256.48686 (13121117)
 4190785.2 | 1597.89449 (17111317)   1546.97438 (17111317)   1498.56518 (17111317)   1474.70474 (13121117)
1550.81167 (13121117)
 4190765.2 | 1623.29187 (17111317)   1609.40306 (13121117)   1686.38154 (13121117)   1702.32670 (13121117)
1653.73215 (13121117)
 4190745.2 | 1842.30856 (13121117)   1840.72158 (13121117)   1762.97919 (13121117)   1665.37333 (14121317)
1698.48067 (13012308)
 4190725.2 | 1878.28616 (13121117)   1823.81757 (14121317)   1876.66667 (13012308)   1878.44175 (13012308)
1828.82185 (13012308)
 4190705.2 | 2072.73855 (13012308)   2035.23058 (13012308)   1938.82307 (13012308)   1919.68717 (13010717)
1914.85878 (13010717)
 4190685.2 | 2126.97550 (13010717)   2125.69017 (13010717)   2068.43919 (13010717)   1963.05233 (13010717)
1820.71913 (13010717)
 4190665.2 | 2186.88168 (13010717)   2010.55483 (13010717)   1805.96296 (13010717)   1589.97909 (13010717)
1376.15153 (13010717)
 4190645.2 | 1720.79290 (13010717)   1505.93164 (14010417)   1450.24149 (14010417)   1393.60120 (14122717)
1412.49914 (14122717)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: ALL
***
                                INCLUDING SOURCE(S):   L0000587   , L0000588   , L0000589   , L0000590   ,
L0000591   ,
                L0000592   , L0000593   , L0000594   , L0000595   , L0000596   , L0000597   , L0000598   ,

L0000599   ,
                L0000600   , L0000601   , L0000602   , L0000603   , L0000604   , L0000605   , L0000606   ,
L0000607   ,
                L0000608   , L0000609   , L0000610   , L0000611   , L0000612   , L0000613   , L0000614   ,
. . .   ,

*** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10   IN MICROGRAMS/M**3   **

Y-COORD (METERS)	X-COORD (METERS)				
	560917.30	560937.30	560957.30	560977.30	560997.30
4191625.2	1003.88068 (15010507)	952.10658 (15010507)	937.34332 (16120517)	1003.97137 (17031607)	1078.53240 (17031607)
4191605.2	995.23776 (15010507)	966.86394 (16120517)	993.92501 (17031607)	1086.89789 (17031607)	1120.82512 (17031607)
4191585.2	997.49231 (16120517)	998.37780 (16120517)	1089.92787 (17031607)	1144.39995 (17031607)	1129.20617 (17031607)
4191565.2	1020.76031 (16120517)	1084.66155 (17031607)	1163.68744 (17031607)	1166.60958 (17031607)	1106.99804 (17031607)
4191545.2	1073.32341 (17031607)	1174.12393 (17031607)	1198.86093 (17031607)	1152.96778 (17031607)	1158.93669 (15020708)
4191525.2	1181.64814 (17031607)	1227.75766 (17031607)	1196.59670 (17031607)	1169.46328 (15020708)	1256.16176 (15020708)
4191505.2	1256.10860 (17031607)	1242.55487 (17031607)	1182.23538 (15020708)	1275.79137 (15020708)	1329.96936 (15020708)
4191485.2	1288.95657 (17031607)	1217.78599 (17031607)	1299.71841 (15020708)	1358.27715 (15020708)	1387.55956 (15020708)
4191465.2	1278.78618 (17031607)	1323.87211 (15020708)	1390.54562 (15020708)	1420.56890 (15020708)	1438.95817 (15020708)
4191445.2	1353.71015 (15020708)	1421.12746 (15020708)	1447.24806 (15020708)	1464.06514 (15020708)	1481.53608 (15020708)
4191425.2	1456.12438 (15020708)	1482.49938 (15020708)	1494.96537 (15020708)	1512.82002 (15020708)	1525.72028 (15020708)
4191405.2	1516.44341 (15020708)	1526.35355 (15020708)	1544.96534 (15020708)	1562.82007 (15020708)	1581.53272 (15012009)
4191385.2	1572.80211 (15012009)	1580.92386 (15020708)	1604.17865 (15020708)	1615.06899 (15012009)	1682.91994 (15012009)
4191365.2	1618.03447 (15020708)	1644.93637 (15020708)	1657.88131 (15020708)	1722.78836 (15012009)	1789.09444 (15012009)
4191345.2	1690.19555 (15020708)	1712.21193 (15020708)	1767.32485 (15012009)	1841.45594 (15012009)	1882.46407 (15012009)
4191325.2	1767.04452 (15020708)	1816.35870 (15012009)	1900.69523 (15012009)	1950.52346 (15012009)	1942.30316 (15012009)
4191305.2	1869.79538 (15012009)	1964.57642 (15012009)	2026.92171 (15012009)	2026.63790 (15012009)	1958.09773 (15012009)
4191285.2	2037.00139 (15012009)	2111.21460 (15012009)	2122.28932 (15012009)	2058.60075 (15012009)	1933.13294 (15012009)
4191265.2	2208.42657 (15012009)	2232.06891 (15012009)	2175.51461 (15012009)	2051.94314 (15012009)	1890.98687 (15012009)
4191245.2	2361.45945 (15012009)	2314.45398 (15012009)	2194.55190 (15012009)	2106.39511 (13121117)	2401.31193 (13121117)
4191225.2	2482.35309 (15012009)	2386.87747 (13121117)	2721.83092 (13121117)	3023.24864 (13121117)	3292.41848 (13121117)
4191205.2	3141.30908 (13121117)	3509.12135 (13121117)	3913.57065 (13121117)	4387.48621 (14121317)	4959.56511 (14121317)
4191185.2	4773.43398 (14121317)	5091.72359 (14121317)	5185.41411 (14121317)	4777.56041 (14121317)	4105.18305 (14121317)
4191165.2	4119.09791 (14121317)	3509.01992 (13121309)	3493.05698 (15011209)	3455.82851 (15011209)	3045.52639 (13122608)
4191145.2	2868.41393 (15011209)	2662.88646 (15011209)	2435.15327 (13110808)	2437.97337 (14091607)	2331.29807 (14091607)
4191125.2	2030.44076 (13012308)	2034.56682 (13110808)	2032.30979 (14091607)	1937.25885 (13010717)	1858.11747 (13010717)
4191105.2	2109.90235 (13010717)	2017.46758 (13010717)	1896.44298 (13010717)	1759.68545 (13010717)	

1617.14234 (13010717)
 4191085.2 | 1894.51249 (13010717)   1721.56170 (13010717)   1550.63240 (13010717)   1388.25181 (13010717)
1292.64525 (14012907)
 4191065.2 | 1446.84304 (13010717)   1397.68968 (14012907)   1383.92263 (14012907)   1307.81444 (14012907)
1195.84900 (14122717)
 4191045.2 | 1449.36038 (14012907)   1417.80175 (14012907)   1319.26388 (14012907)   1244.98345 (14122717)
1231.92821 (14010709)
 4191025.2 | 1449.84965 (14012907)   1326.51854 (14012907)   1246.26472 (14010709)   1285.46541 (14010709)
1255.21715 (14010709)
 4191005.2 | 1402.95056 (14091907)   1384.68810 (14091907)   1361.11664 (14091907)   1336.57897 (14091907)
1309.06509 (14091907)
 4190985.2 | 1430.41844 (14091907)   1383.71302 (14091907)   1333.82038 (14091907)   1283.93355 (14091907)
1259.25826 (13011717)
 4190965.2 | 1408.49985 (14010709)   1303.18889 (13121017)   1269.16977 (13011717)   1360.45167 (13011717)
1410.25721 (13011717)
 4190945.2 | 1326.18761 (13121017)   1392.17784 (13011717)   1463.33495 (13011717)   1478.50630 (13011717)
1430.05579 (13011717)
 4190925.2 | 1514.25992 (13011717)   1562.07796 (13011717)   1529.61977 (13011717)   1430.09161 (13011717)
1276.69646 (13011717)
 4190905.2 | 1637.44460 (13011717)   1557.01555 (13011717)   1400.54013 (13011717)   1258.51446 (13011617)
1213.40040 (13020407)
 4190885.2 | 1542.55723 (13011717)   1371.61906 (13011617)   1215.33173 (13011617)   1123.63513 (13020407)
1084.67246 (13020407)
 4190865.2 | 1334.80148 (13011617)   1302.74926 (13121617)   1278.68421 (13121617)   1253.86826 (13121617)
1228.98248 (13121617)
 4190845.2 | 1421.65031 (13121617)   1388.16314 (13121617)   1356.71615 (13121617)   1325.84799 (13121617)
1294.27511 (13121617)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: ALL
***
                               INCLUDING SOURCE(S):   L0000587   , L0000588   , L0000589   , L0000590   ,
L0000591   ,
                L0000592   , L0000593   , L0000594   , L0000595   , L0000596   , L0000597   , L0000598   ,
L0000599   ,
                L0000600   , L0000601   , L0000602   , L0000603   , L0000604   , L0000605   , L0000606   ,
L0000607   ,
                L0000608   , L0000609   , L0000610   , L0000611   , L0000612   , L0000613   , L0000614   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 560917.30   560937.30   560957.30   560977.30
560997.30
 -
- - - - - - - -

 4190825.2 | 1347.73861 (13121617)   1314.12777 (13121617)   1282.07683 (13121617)   1326.28563 (13121117)
1358.50651 (13121117)
 4190805.2 | 1358.91908 (13121117)   1432.75459 (13121117)   1467.35115 (13121117)   1452.87365 (13121117)
1390.82788 (13121117)
 4190785.2 | 1578.30579 (13121117)   1551.42938 (13121117)   1474.27732 (13121117)   1436.93650 (14121317)
1444.79026 (14121317)
 4190765.2 | 1548.62058 (13121117)   1551.85176 (14121317)   1582.27203 (13012308)   1587.97502 (13012308)
1557.21187 (13012308)
 4190745.2 | 1725.59135 (13012308)   1710.40302 (13012308)   1654.51822 (13012308)   1581.97359 (13010717)
1599.45929 (13010717)
 4190725.2 | 1734.46662 (13012308)   1747.93323 (13010717)   1741.01541 (13010717)   1698.55080 (13010717)
1623.79942 (13010717)
 4190705.2 | 1866.12277 (13010717)   1779.10929 (13010717)   1661.90021 (13010717)   1523.63349 (13010717)

1372.59334 (13010717)
 4190685.2 | 1653.75299 (13010717)   1474.80056 (13010717)   1294.71556 (13010717)   1187.68079 (14010417)
1156.22309 (14010417)
 4190665.2 | 1311.90036 (14010417)   1258.67128 (14010417)   1230.03578 (14122717)   1244.88671 (14122717)
1242.20951 (14122717)
 4190645.2 | 1408.68379 (14122717)   1382.85218 (14122717)   1337.63840 (14122717)   1276.26567 (14122717)
1246.48086 (14091907)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: ALL
***
                                INCLUDING SOURCE(S):   L0000587   , L0000588   , L0000589   , L0000590   ,
L0000591   ,
                L0000592   , L0000593   , L0000594   , L0000595   , L0000596   , L0000597   , L0000598   ,
L0000599   ,
                L0000600   , L0000601   , L0000602   , L0000603   , L0000604   , L0000605   , L0000606   ,
L0000607   ,
                L0000608   , L0000609   , L0000610   , L0000611   , L0000612   , L0000613   , L0000614   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 561017.30   561037.30   561057.30   561077.30
561097.30
 -
- - - - - - - -

 4191625.2 | 1093.87205 (17031607)   1050.40308 (17031607)   1021.11412 (15020708)   1093.39620 (15020708)
1151.70575 (15020708)
 4191605.2 | 1090.35947 (17031607)   1036.06451 (15020708)   1125.90802 (15020708)   1168.31008 (15020708)
1208.96085 (15020708)
 4191585.2 | 1056.69070 (17031607)   1136.63809 (15020708)   1207.17251 (15020708)   1239.25556 (15020708)
1256.37269 (15020708)
 4191565.2 | 1145.57252 (15020708)   1221.20319 (15020708)   1270.90244 (15020708)   1288.23744 (15020708)
1308.23164 (15020708)
 4191545.2 | 1237.67996 (15020708)   1288.10406 (15020708)   1319.92564 (15020708)   1328.18735 (15020708)
1330.96689 (15020708)
 4191525.2 | 1310.98376 (15020708)   1341.72730 (15020708)   1361.06574 (15020708)   1360.10763 (15020708)
1365.80843 (15012009)
 4191505.2 | 1361.62359 (15020708)   1384.44672 (15020708)   1397.64845 (15020708)   1409.75948 (15012009)
1426.84493 (15012009)
 4191485.2 | 1406.13086 (15020708)   1421.07869 (15020708)   1433.01527 (15012009)   1475.40090 (15012009)
1506.07267 (15012009)
 4191465.2 | 1451.67773 (15020708)   1453.56012 (15020708)   1496.68502 (15012009)   1549.40745 (15012009)
1567.04422 (15012009)
 4191445.2 | 1488.50664 (15020708)   1523.21738 (15012009)   1575.22512 (15012009)   1614.49446 (15012009)
1607.23923 (15012009)
 4191425.2 | 1551.27242 (15012009)   1608.37585 (15012009)   1651.66443 (15012009)   1661.83746 (15012009)
1624.75848 (15012009)
 4191405.2 | 1643.43029 (15012009)   1693.47895 (15012009)   1709.98315 (15012009)   1677.15467 (15012009)
1595.43607 (15012009)
 4191385.2 | 1739.80479 (15012009)   1763.09020 (15012009)   1734.86211 (15012009)   1654.08626 (15012009)
1530.61592 (15012009)
 4191365.2 | 1820.89371 (15012009)   1798.14995 (15012009)   1718.90716 (15012009)   1593.32715 (15012009)
1483.75425 (13011717)
 4191345.2 | 1866.92558 (15012009)   1790.48106 (15012009)   1663.75702 (15012009)   1538.62719 (13011717)
1502.19007 (13011717)
 4191325.2 | 1869.59206 (15012009)   1742.64764 (15012009)   1590.76878 (13011717)   1538.99037 (16122217)
1581.20880 (16122217)
 4191305.2 | 1831.60678 (15012009)   1667.22417 (15012009)   1610.19330 (16122217)   1652.59322 (16122217)

1691.26397 (16120517)
 4191285.2 | 1772.73309 (15012009)   1695.12657 (16122217)   1741.34917 (16122217)   1939.61425 (13121117)
2167.01991 (13121117)
 4191265.2 | 1883.63046 (13121117)   2135.22041 (13121117)   2374.76370 (13121117)   2577.44656 (13121117)
2702.75108 (13121117)
 4191245.2 | 2666.46245 (13121117)   2871.70842 (13121117)   3051.01407 (13121117)   3208.89995 (13121117)
3563.07118 (14121317)
 4191225.2 | 3536.05173 (13121117)   3954.87671 (14121317)   4336.78463 (14121317)   4792.71754 (14121317)
4760.49986 (14121317)
 4191205.2 | 5150.31193 (14121317)   4967.66395 (14121317)   4450.40323 (14121317)   3921.36728 (14121317)
3429.07078 (14121317)
 4191185.2 | 3497.35625 (13121309)   3235.62957 (15101007)   3004.55135 (13122608)   2348.05120 (17111317)
2211.51744 (17111317)
 4191165.2 | 2981.26019 (14091607)   2791.22992 (14091607)   2438.74611 (14091607)   2242.39041 (14040707)
2013.77334 (15012907)
 4191145.2 | 2182.50571 (14091607)   1947.20274 (15012907)   2039.97250 (14040707)   1899.90823 (14040707)
1762.47962 (14040707)
 4191125.2 | 1761.76497 (13010717)   1647.88702 (13010717)   1792.60595 (14040707)   1630.44445 (14040707)
1618.53698 (14040707)
 4191105.2 | 1475.02953 (13010717)   1529.94213 (14040707)   1593.88147 (14040707)   1474.80895 (14040707)
1488.92290 (14040707)
 4191085.2 | 1263.10603 (14040707)   1425.47502 (14040707)   1427.71831 (14040707)   1364.42348 (14040707)
1388.58408 (14040707)
 4191065.2 | 1216.01951 (14040707)   1316.01453 (14040707)   1286.10331 (14040707)   1281.24879 (14040707)
1303.82884 (14040707)
 4191045.2 | 1228.55786 (14010709)   1203.22389 (14040707)   1161.37480 (14040707)   1211.16579 (14040707)
1223.72277 (14040707)
 4191025.2 | 1226.11785 (14091907)   1219.09395 (14091907)   1208.45742 (14091907)   1223.66318 (13011717)
1248.83674 (13011717)
 4191005.2 | 1274.60011 (14091907)   1243.87198 (13011717)   1295.68376 (13011717)   1300.76990 (13011717)
1252.71365 (13011717)
 4190985.2 | 1329.43862 (13011717)   1355.53276 (13011717)   1328.11514 (13011717)   1250.32245 (13011717)
1129.21339 (13011717)
 4190965.2 | 1403.20341 (13011717)   1335.64664 (13011717)   1218.20307 (13011717)   1106.69976 (13011617)
1000.85141 (13011617)
 4190945.2 | 1319.95493 (13011717)   1182.25805 (13011617)   1074.02175 (13011617)   1065.03757 (13020407)
1056.40100 (13020407)
 4190925.2 | 1190.22450 (13020407)   1168.98975 (13020407)   1149.52642 (13020407)   1131.29819 (13020407)
1110.88817 (13020407)
 4190905.2 | 1178.68678 (13020407)   1148.24539 (13020407)   1119.76746 (13020407)   1091.68269 (13020407)
1062.29480 (13020407)
 4190885.2 | 1052.33359 (13121617)   1039.88352 (13121617)   1028.32995 (13121617)   1026.60810 (13121117)
1083.92923 (13121117)
 4190865.2 | 1206.86813 (13121617)   1186.92885 (13121617)   1166.89365 (13121617)   1197.94382 (13121117)
1212.11826 (13121117)
 4190845.2 | 1267.72396 (13121617)   1275.58736 (13121117)   1286.37767 (13121117)   1262.45594 (13121117)
1206.87202 (13121117)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: ALL
***
                               INCLUDING SOURCE(S):   L0000587   , L0000588   , L0000589   , L0000590   ,
L0000591   ,
               L0000592   , L0000593   , L0000594   , L0000595   , L0000596   , L0000597   , L0000598   ,
L0000599   ,
               L0000600   , L0000601   , L0000602   , L0000603   , L0000604   , L0000605   , L0000606   ,
L0000607   ,
               L0000608   , L0000609   , L0000610   , L0000611   , L0000612   , L0000613   , L0000614   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

Y-COORD | X-COORD (METERS)
(METERS) | 561017.30 561037.30 561057.30 561077.30 561097.30

Y-COORD (METERS)	561017.30	561037.30	561057.30	561077.30	561097.30
4190825.2	1364.62237 (13121117)	1329.05866 (13121117)	1257.89398 (13121117)	1272.97476 (14121317)	1282.97569 (14121317)
4190805.2	1337.10040 (14121317)	1356.01624 (14121317)	1367.51574 (13012308)	1379.00456 (13012308)	1365.81590 (13012308)
4190785.2	1470.93950 (13012308)	1470.30907 (13012308)	1438.67010 (13012308)	1379.70853 (13012308)	1366.95893 (13010717)
4190765.2	1501.75299 (13012308)	1465.55182 (13010717)	1481.92451 (13010717)	1472.92130 (13010717)	1440.40858 (13010717)
4190745.2	1591.21213 (13010717)	1556.71980 (13010717)	1496.58264 (13010717)	1413.54167 (13010717)	1314.83438 (13010717)
4190725.2	1520.43980 (13010717)	1406.30393 (13010717)	1282.54023 (13010717)	1152.65747 (13010717)	1070.94969 (17111317)
4190705.2	1212.77337 (13010717)	1072.90866 (14010417)	1060.40253 (14010417)	1030.66145 (14010417)	985.21440 (14010417)
4190685.2	1101.24951 (14010417)	1095.14739 (14122717)	1109.67205 (14122717)	1110.79693 (14122717)	1097.86443 (14122717)
4190665.2	1217.76962 (14122717)	1185.28432 (14122717)	1141.48157 (14122717)	1084.56348 (14091907)	1109.98470 (14091907)
4190645.2	1267.54704 (14091907)	1285.44813 (14091907)	1295.93455 (14091907)	1292.71921 (14091907)	1291.91835 (14091907)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000587 , L0000588 , L0000589 , L0000590 , L0000591 ,
L0000592 , L0000593 , L0000594 , L0000595 , L0000596 , L0000597 , L0000598 , L0000599 ,
L0000600 , L0000601 , L0000602 , L0000603 , L0000604 , L0000605 , L0000606 , L0000607 ,
L0000608 , L0000609 , L0000610 , L0000611 , L0000612 , L0000613 , L0000614 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD | X-COORD (METERS)
(METERS) | 561117.30 561137.30 561157.30 561177.30 561197.30

Y-COORD (METERS)	561117.30	561137.30	561157.30	561177.30	561197.30
4191625.2	1189.16653 (15020708)	1213.16483 (15020708)	1226.39346 (15020708)	1242.26530 (15012009)	1285.10147 (15012009)
4191605.2	1235.12994 (15020708)	1248.97326 (15020708)	1261.83983 (15012009)	1306.91825 (15012009)	1357.31070 (15012009)
4191585.2	1273.89974 (15020708)	1283.81772 (15012009)	1329.13791 (15012009)	1381.25760 (15012009)	1442.67211 (15012009)
4191565.2	1316.08653 (15020708)	1318.76438 (15012009)	1350.41561 (15012009)	1374.81715 (15012009)	1380.20188 (15012009)
4191545.2	1340.88282 (15012009)	1375.34848 (15012009)	1402.27397 (15012009)	1412.38659 (15012009)	1395.24766 (15012009)
4191525.2	1399.15844 (15012009)	1431.12833 (15012009)	1446.58102 (15012009)	1432.99656 (15012009)	1387.39332 (15012009)
4191505.2	1462.59189 (15012009)	1482.59994 (15012009)	1472.27775 (15012009)	1428.71271 (15012009)	

1357.47848 (15012009)
 4191485.2 | 1518.77695 (15012009)   1513.69033 (15012009)   1472.62567 (15012009)   1400.79098 (15012009)
1311.89852 (15012009)
 4191465.2 | 1560.32694 (15012009)   1528.96970 (15012009)   1415.99717 (15012009)   1299.77509 (15012009)
1230.57267 (13011717)
 4191445.2 | 1562.23470 (15012009)   1464.75565 (15012009)   1345.67704 (15012009)   1274.07308 (13011717)
1278.83178 (13011717)
 4191425.2 | 1518.06433 (15012009)   1392.94191 (15012009)   1404.43208 (13040307)   1333.73007 (13040307)
1315.14956 (16122217)
 4191405.2 | 1450.42538 (15012009)   1413.27814 (13040307)   1495.54932 (13040307)   1451.51983 (13040307)
1408.04523 (16122217)
 4191385.2 | 1426.84630 (13011717)   1417.98775 (13040307)   1515.68794 (13040307)   1511.93386 (13040307)
1544.76698 (16120517)
 4191365.2 | 1455.75391 (13011717)   1454.57542 (16122217)   1578.09465 (13040307)   1592.84584 (16120517)
1775.41728 (16120517)
 4191345.2 | 1515.41490 (16122217)   1548.64361 (16122217)   1668.98572 (16120517)   1873.61730 (16120517)
2125.71953 (16120517)
 4191325.2 | 1616.91705 (16122217)   1760.11044 (16120517)   1977.55319 (16120517)   2268.80517 (16120517)
2485.79176 (16120517)
 4191305.2 | 1853.92076 (16120517)   2098.76214 (16120517)   2425.69599 (16120517)   2737.36472 (14012907)
3019.01586 (14012907)
 4191285.2 | 2378.02685 (13121117)   2660.16142 (13121117)   2817.09276 (13121117)   3263.07992 (13121117)
3508.24549 (13121117)
 4191265.2 | 2787.56592 (13121117)   3378.03999 (14121317)   3664.63439 (14121317)   3883.13895 (14121317)
4794.51802 (14121317)
 4191245.2 | 3815.77071 (14121317)   3921.36431 (14121317)   4547.02993 (14121317)   4082.67257 (14121317)
3596.59275 (14121317)
 4191225.2 | 4233.42956 (14121317)   3639.11656 (14121317)   3772.61919 (14121317)   3018.02337 (14121317)
2512.97677 (13010717)
 4191205.2 | 2754.90447 (14121317)   2440.49010 (14091907)   2610.35785 (13020407)   2412.97560 (13020407)
2561.20120 (13020407)
 4191185.2 | 2111.74133 (17111317)   2025.05969 (17111317)   2362.79024 (17111317)   2465.64721 (17111317)
2348.44607 (17111317)
 4191165.2 | 1999.18958 (14040707)   1989.96583 (14040707)   1915.88168 (14040707)   1731.38664 (15011308)
1614.13268 (13112107)
 4191145.2 | 1816.20906 (14040707)   1794.06292 (14040707)   1717.45663 (13012408)   1678.43231 (15011308)
1581.13385 (15011308)
 4191125.2 | 1646.86715 (14040707)   1604.52934 (14040707)   1567.53776 (13012408)   1539.15382 (15011308)
1453.50056 (15011308)
 4191105.2 | 1490.08361 (14040707)   1444.80976 (13012408)   1439.19626 (15011308)   1417.01954 (15011308)
1359.74632 (15012007)
 4191085.2 | 1375.00375 (14040707)   1356.37522 (13012408)   1354.23268 (15011308)   1379.17298 (15011308)
1291.59057 (15012007)
 4191065.2 | 1269.55407 (14040707)   1276.68180 (13012408)   1277.77236 (15011308)   1300.69221 (15011308)
1278.41770 (15012007)
 4191045.2 | 1191.88819 (13011717)   1205.53855 (13012408)   1208.61528 (15011308)   1230.08331 (15011308)
1216.37184 (15012007)
 4191025.2 | 1239.40196 (13011717)   1178.97445 (13011717)   1149.80018 (15011308)   1178.55306 (15011308)
1159.61378 (15012007)
 4191005.2 | 1159.69474 (13011717)   1081.72529 (13012408)   1092.63703 (15011308)   1120.55260 (15011308)
1107.63204 (15012007)
 4190985.2 | 1035.17731 (13011617)   1031.63695 (15010808)   1040.39993 (15011308)   1067.54640 (15011308)
1091.79732 (15012007)
 4190965.2 | 973.33408 (13010807)   973.23914 (15010808)   986.65540 (15011308)   1017.60398 (15011308)
1032.97865 (15012007)
 4190945.2 | 1046.54116 (13020407)   1035.40765 (13020407)   1023.06834 (13020407)   1010.65374 (13020407)
999.77189 (13020407)
 4190925.2 | 1089.78476 (13020407)   1068.74575 (13020407)   1047.87689 (13020407)   1027.15005 (13020407)
1006.72970 (13020407)
 4190905.2 | 1032.92776 (13020407)   1019.84081 (13121117)   1060.88948 (13121117)   1084.02356 (13121117)
1086.07352 (13121117)
 4190885.2 | 1123.19908 (13121117)   1143.34427 (13121117)   1138.67925 (13121117)   1108.93791 (13121117)
1082.13372 (14121317)
 4190865.2 | 1195.67343 (13121117)   1155.12482 (13121117)   1135.25224 (14121317)   1153.60337 (14121317)
1164.22697 (14121317)
 4190845.2 | 1199.47152 (14121317)   1214.56927 (14121317)   1219.50799 (14121317)   1218.44736 (13012308)
1213.42438 (13012308)

                          *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: ALL
***
                              INCLUDING SOURCE(S):   L0000587   , L0000588   , L0000589   , L0000590   ,
L0000591   ,
               L0000592   , L0000593   , L0000594   , L0000595   , L0000596   , L0000597   , L0000598   ,
L0000599   ,
               L0000600   , L0000601   , L0000602   , L0000603   , L0000604   , L0000605   , L0000606   ,
L0000607   ,
               L0000608   , L0000609   , L0000610   , L0000611   , L0000612   , L0000613   , L0000614   ,
. . .   ,

                               *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                    ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 561117.30   561137.30   561157.30   561177.30
561197.30
 -
- - - - - - - -

 4190825.2 | 1289.18992 (13012308)   1291.67343 (13012308)   1272.50729 (13012308)   1233.59249 (13012308)
1187.26008 (13010717)
 4190805.2 | 1328.82330 (13012308)   1271.03604 (13012308)   1280.68177 (13010717)   1288.44332 (13010717)
1279.47550 (13010717)
 4190785.2 | 1377.63508 (13010717)   1368.50742 (13010717)   1339.60776 (13010717)   1293.07086 (13010717)
1231.82297 (13010717)
 4190765.2 | 1386.72681 (13010717)   1315.64894 (13010717)   1231.07114 (13010717)   1137.11841 (13010717)
1046.41072 (17111317)
 4190745.2 | 1205.78491 (13010717)   1125.89238 (17111317)   1107.72580 (17111317)   1090.18336 (17111317)
1073.42082 (17111317)
 4190725.2 | 1061.36354 (17111317)   1051.69880 (17111317)   1041.87018 (17111317)   1032.19064 (17111317)
1022.64327 (17111317)
 4190705.2 | 994.95598 (14122717)   1004.79456 (14122717)   1004.70993 (14122717)   994.66335 (14122717)
975.24137 (14122717)
 4190685.2 | 1072.63930 (14122717)   1037.09482 (14122717)   992.89135 (14122717)   985.69099 (14091907)
1004.04129 (14091907)
 4190665.2 | 1130.39754 (14091907)   1143.84571 (14091907)   1151.63053 (14091907)   1153.69402 (14091907)
1150.00472 (14091907)
 4190645.2 | 1282.86344 (14091907)   1262.49180 (14091907)   1235.73864 (14091907)   1203.47032 (14091907)
1166.58980 (14091907)

                          *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: ALL
***
                              INCLUDING SOURCE(S):   L0000587   , L0000588   , L0000589   , L0000590   ,
L0000591   ,
               L0000592   , L0000593   , L0000594   , L0000595   , L0000596   , L0000597   , L0000598   ,
L0000599   ,
               L0000600   , L0000601   , L0000602   , L0000603   , L0000604   , L0000605   , L0000606   ,
L0000607   ,
               L0000608   , L0000609   , L0000610   , L0000611   , L0000612   , L0000613   , L0000614   ,
. . .   ,

                               *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                    ** CONC OF PM_10   IN MICROGRAMS/M**3   **

Y-COORD (METERS)	X-COORD (METERS)				
	561217.30	561237.30	561257.30	561277.30	561297.30
4191625.2	1332.26733 (15012009)	1399.85034 (15012009)	1569.27715 (15012009)	1523.00011 (15012009)	1452.84114 (15012009)
4191605.2	1429.37478 (15012009)	1449.29650 (15012009)	1572.53557 (15012009)	1500.75660 (15012009)	1410.28124 (15012009)
4191585.2	1478.17025 (15012009)	1487.17638 (15012009)	1456.75487 (15012009)	1458.19366 (15012009)	1355.70628 (15012009)
4191565.2	1359.45261 (15012009)	1502.60692 (15012009)	1443.18628 (15012009)	1401.27309 (15012009)	1300.51992 (15012009)
4191545.2	1348.59869 (15012009)	1279.72282 (15012009)	1245.71247 (15012009)	1342.42622 (15012009)	1302.83187 (13011717)
4191525.2	1317.19655 (15012009)	1234.95253 (15012009)	1191.64133 (15012009)	1355.54745 (13011717)	1366.74877 (16122217)
4191505.2	1271.61655 (15012009)	1224.02383 (15012009)	1227.40179 (16122217)	1290.32481 (16122217)	1438.04242 (16122217)
4191485.2	1250.82982 (13011717)	1270.54595 (13011717)	1329.68164 (16122217)	1392.70342 (16122217)	1516.21003 (16122217)
4191465.2	1238.89990 (13011717)	1246.92374 (16122217)	1288.30640 (16122217)	1502.20470 (16122217)	1678.10112 (16120517)
4191445.2	1276.38023 (16122217)	1317.70825 (16122217)	1379.08999 (16122217)	1525.40800 (16120517)	1891.71052 (16120517)
4191425.2	1357.65102 (16122217)	1428.11896 (16120517)	1587.65817 (16120517)	1799.11209 (16120517)	1963.69446 (16120517)
4191405.2	1481.30690 (16120517)	1656.53191 (16120517)	1883.30277 (16120517)	2064.18233 (16120517)	2179.83334 (16120517)
4191385.2	1734.10328 (16120517)	1963.23042 (16120517)	2163.13584 (16120517)	2287.45373 (16120517)	2469.02403 (14012907)
4191365.2	1998.05253 (16120517)	2207.21249 (16120517)	2335.98814 (14012907)	2494.52681 (14012907)	2712.28963 (14012907)
4191345.2	2332.97992 (16120517)	2534.37043 (14012907)	2689.88761 (14012907)	2711.80209 (14012907)	2607.78021 (14012907)
4191325.2	2738.15729 (14012907)	2833.93737 (14012907)	2801.18530 (14012907)	3023.44385 (13121117)	3290.84904 (13121117)
4191305.2	3106.47484 (14012907)	3359.88399 (13121117)	3546.79957 (14121317)	3818.50326 (14121317)	3935.80890 (13012308)
4191285.2	3814.46525 (14121317)	4672.74581 (14121317)	4641.34402 (14121317)	4421.18357 (13012308)	4152.30938 (13010717)
4191265.2	4631.36765 (14121317)	4211.13051 (13010717)	4740.87948 (13010717)	4236.40921 (13010717)	3664.97745 (13010717)
4191245.2	4030.86191 (13010717)	3498.85374 (13010717)	3579.51935 (13010717)	3050.77218 (14091907)	2858.79434 (14091907)
4191225.2	2943.15821 (14091907)	2696.35293 (14091907)	2638.96009 (14091907)	2414.77005 (13020407)	2280.53211 (13020407)
4191205.2	2379.08679 (13121617)	2421.28824 (13121617)	2267.32137 (17111317)	2106.12818 (17111317)	2017.08006 (17111317)
4191185.2	2235.34542 (17111317)	2118.96224 (17111317)	2045.85887 (17111317)	1918.69668 (17111317)	1820.35423 (17111317)
4191165.2	1589.58748 (17111317)	1573.49626 (17111317)	1499.76958 (17111317)	1467.96872 (17111317)	1458.05763 (17111317)
4191145.2	1435.63099 (13112107)	1312.90452 (13121217)	1210.87043 (14010617)	1210.80798 (14010617)	1315.03735 (14010617)
4191125.2	1472.71604 (13112107)	1386.58573 (15010907)	1286.85718 (13121217)	1183.82393 (14010617)	1189.37462 (14010617)
4191105.2	1362.95622 (13112107)	1307.23329 (16111207)	1204.37421 (13121217)	1090.85981 (13121217)	1044.62609 (14010617)
4191085.2	1273.06685 (16120508)	1235.05382 (16111207)	1153.85287 (15010907)	1071.14880 (13121217)	945.57018 (13121217)
4191065.2	1203.81044 (16120508)	1171.38934 (16111207)	1112.00024 (15010907)	1043.12719 (13121217)	956.31829 (14091907)
4191045.2	1218.87223 (16120508)	1124.28730 (16120508)	1070.85394 (15010907)	1009.95335 (13121217)	965.63750 (14091907)
4191025.2	1153.43818 (16120508)	1181.82803 (16120508)	1151.30987 (16111207)	1105.52177 (15010907)	1051.84971 (13121217)

 4191005.2 | 1090.55682 (15012007)   1107.67051 (16120508)   1093.04266 (16111207)   1054.82877 (15010907)
1006.33253 (13121217)
 4190985.2 | 1040.17730 (15012007)   1041.43380 (16120508)   1032.04266 (16111207)   1007.03002 (15010907)
966.36061 (13121217)
 4190965.2 | 1042.76533 (15012007)   996.10445 (16120508)   991.11131 (16120508)   967.54222 (15010907)
936.46650 (15010907)
 4190945.2 | 992.58632 (15012007)   1020.76955 (16120508)   1071.09635 (16120508)   982.63272 (13121117)
988.67506 (13121117)
 4190925.2 | 1028.41978 (13121117)   1036.02568 (13121117)   1021.03636 (16120508)   1032.21132 (16111207)
1031.47378 (15010907)
 4190905.2 | 1064.86507 (13121117)   1020.14990 (14121317)   1024.71537 (14121317)   1036.34698 (14121317)
1040.87671 (14121317)
 4190885.2 | 1104.12929 (14121317)   1102.53553 (14121317)   1089.35393 (14121317)   1083.34639 (14121317)
1078.58752 (13012308)
 4190865.2 | 1167.41703 (14121317)   1148.80987 (13012308)   1129.68831 (13012308)   1101.85189 (13012308)
1060.73192 (13012308)
 4190845.2 | 1189.29972 (13012308)   1142.41695 (13012308)   1116.98928 (13010717)   1127.71889 (13010717)
1122.96022 (13010717)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: ALL
***
                               INCLUDING SOURCE(S):   L0000587   , L0000588   , L0000589   , L0000590   ,
L0000591   ,
               L0000592   , L0000593   , L0000594   , L0000595   , L0000596   , L0000597   , L0000598   ,
L0000599   ,
               L0000600   , L0000601   , L0000602   , L0000603   , L0000604   , L0000605   , L0000606   ,
L0000607   ,
               L0000608   , L0000609   , L0000610   , L0000611   , L0000612   , L0000613   , L0000614   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 561217.30   561237.30   561257.30   561277.30
561297.30
 -
- - - - - - - -

 4190825.2 | 1206.05604 (13010717)   1204.70203 (13010717)   1193.39486 (13010717)   1165.83304 (13010717)
1120.91410 (13010717)
 4190805.2 | 1254.02519 (13010717)   1213.62925 (13010717)   1151.18966 (13010717)   1080.14497 (13010717)
1006.94520 (13010717)
 4190785.2 | 1158.95524 (13010717)   1077.45248 (13010717)   983.21458 (13010717)   887.76306 (13010717)
878.65351 (16120508)
 4190765.2 | 1027.10091 (17111317)   1009.93984 (17111317)   980.38587 (17111317)   947.28334 (17111317)
927.85583 (17111317)
 4190745.2 | 1057.44859 (17111317)   1042.89300 (17111317)   1015.85649 (17111317)   1000.08546 (17111317)
984.31328 (17111317)
 4190725.2 | 1013.40949 (17111317)   1004.67734 (17111317)   997.39697 (17111317)   973.86993 (17111317)
963.41544 (17111317)
 4190705.2 | 947.39985 (14122717)   912.43957 (14122717)   904.44585 (17111317)   900.12532 (14091907)
909.49323 (14091907)
 4190685.2 | 1018.69475 (14091907)   1029.37528 (14091907)   1035.92607 (14091907)   1038.38767 (14091907)
1029.23915 (14091907)
 4190665.2 | 1140.79280 (14091907)   1126.26796 (14091907)   1106.95595 (14091907)   1083.34411 (14091907)
1052.38073 (14091907)
 4190645.2 | 1125.97083 (14091907)   1082.44878 (14091907)   1036.84383 (14091907)   989.73584 (14091907)
938.26461 (14091907)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: ALL
***
                                INCLUDING SOURCE(S):   L0000587   , L0000588   , L0000589   , L0000590   ,
L0000591   ,
               L0000592   , L0000593   , L0000594   , L0000595   , L0000596   , L0000597   , L0000598   ,
L0000599   ,
               L0000600   , L0000601   , L0000602   , L0000603   , L0000604   , L0000605   , L0000606   ,
L0000607   ,
               L0000608   , L0000609   , L0000610   , L0000611   , L0000612   , L0000613   , L0000614   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 561317.30   561337.30   561357.30   561377.30
561397.30
 -
- - - - - - - -

 4191625.2 | 1366.40353 (15012009)   1271.86701 (15012009)   1198.86130 (15012009)   1167.45679 (16122217)
1203.57843 (16122217)
 4191605.2 | 1313.99758 (15012009)   1224.09368 (15012009)   1196.17131 (16122217)   1231.96236 (16122217)
1267.70157 (16122217)
 4191585.2 | 1262.43770 (15012009)   1224.11889 (16122217)   1262.30538 (16122217)   1298.10124 (16122217)
1331.81708 (16122217)
 4191565.2 | 1261.60916 (16122217)   1289.18804 (16122217)   1330.41361 (16122217)   1364.78475 (16122217)
1408.91722 (16120517)
 4191545.2 | 1328.74509 (16122217)   1357.03538 (16122217)   1399.82696 (16122217)   1454.64778 (16120517)
1553.26648 (16120517)
 4191525.2 | 1398.28283 (16122217)   1428.48029 (16122217)   1504.43020 (16120517)   1609.94266 (16120517)
1702.90369 (16120517)
 4191505.2 | 1472.73067 (16122217)   1553.47736 (16120517)   1671.14498 (16120517)   1770.97239 (16120517)
1829.47614 (16120517)
 4191485.2 | 1613.63807 (16120517)   1729.47625 (16120517)   1839.26073 (16120517)   1900.09671 (16120517)
1901.47282 (16120517)
 4191465.2 | 1805.84297 (16120517)   1915.66853 (16120517)   1977.10159 (16120517)   1996.22283 (14012907)
2080.96402 (14012907)
 4191445.2 | 2005.62716 (16120517)   2071.51144 (16120517)   2116.62343 (14012907)   2197.62381 (14012907)
2204.23391 (14012907)
 4191425.2 | 2183.31658 (16120517)   2257.68437 (14012907)   2324.82145 (14012907)   2316.59710 (14012907)
2229.22581 (14012907)
 4191405.2 | 2426.36436 (14012907)   2491.01998 (14012907)   2457.02978 (14012907)   2334.24638 (14012907)
2141.45845 (14012907)
 4191385.2 | 2632.91668 (14012907)   2568.84215 (14012907)   2410.15151 (14012907)   2384.94377 (13121117)
2547.52039 (13121117)
 4191365.2 | 2705.47603 (14012907)   2580.76966 (13121117)   2751.52230 (13121117)   2863.14779 (13121117)
2900.66234 (13121117)
 4191345.2 | 3005.36088 (13121117)   3135.39917 (13121117)   3163.16987 (13121117)   3179.57229 (13012308)
3297.83087 (13012308)
 4191325.2 | 3332.06923 (14121317)   3669.74137 (13012308)   3733.85519 (13012308)   3670.43924 (13012308)
3517.80454 (13012308)
 4191305.2 | 4056.38795 (13012308)   4065.47480 (13012308)   3827.18166 (13010717)   3654.12627 (13010717)
3426.48900 (13010717)
 4191285.2 | 3919.28851 (13010717)   3911.88377 (13010717)   3537.49026 (13010717)   3168.56120 (13010717)
2829.35406 (13010717)
 4191265.2 | 3230.83647 (13010717)   2898.45227 (13010717)   2689.82945 (13010717)   2448.16988 (14091907)
2336.97152 (14091907)
 4191245.2 | 2644.40689 (14091907)   2501.47973 (14091907)   2418.91781 (14091907)   2207.94031 (14091907)
2016.00308 (14091907)
 4191225.2 | 2253.10735 (13020407)   2195.57468 (13020407)   2198.07630 (13020407)   2077.15063 (13020407)
1974.84177 (13020407)

 4191205.2 | 1970.53439 (17111317)   1936.84186 (13121617)   2058.20739 (13121617)   1968.90690 (13121617)
1896.46382 (13121617)
 4191185.2 | 1787.36008 (17111317)   1930.74298 (17111317)   1968.76173 (17111317)   1876.83703 (17111317)
1815.47345 (17111317)
 4191165.2 | 1541.36122 (17111317)   1567.23251 (17111317)   1552.91271 (17111317)   1648.22701 (17111317)
1614.20754 (17111317)
 4191145.2 | 1222.60765 (14010617)   1181.58677 (17111317)   1187.90312 (17111317)   1331.62554 (17111317)
1321.13152 (17111317)
 4191125.2 | 1178.97324 (14010617)   1102.29878 (14010617)   1014.31735 (14112408)   1094.73550 (17111317)
1084.14664 (17111317)
 4191105.2 | 1063.43742 (14010617)   1051.50024 (14010617)   993.85437 (14010617)   1023.43321 (14112408)
954.70456 (14112408)
 4191085.2 | 937.44737 (14010617)   963.58058 (14010617)   1123.68313 (14010617)   1013.50541 (14010617)
1040.37099 (14091907)
 4191065.2 | 947.63408 (14091907)   1024.48224 (14010617)   1043.64683 (14010617)   989.55333 (14010617)
1058.34213 (14091907)
 4191045.2 | 969.67026 (13121217)   934.36177 (14091907)   934.19109 (14010617)   926.50630 (14010617)
999.93427 (14091907)
 4191025.2 | 963.29861 (13121217)   880.48569 (15010807)   832.87293 (14010617)   850.92810 (13121117)
978.15084 (14010617)
 4191005.2 | 949.33664 (13121217)   866.12243 (15010807)   818.95771 (13121117)   846.19723 (13121117)
1059.57693 (13121117)
 4190985.2 | 931.40321 (13121217)   886.25597 (13121117)   902.42348 (13121117)   944.64790 (13121117)
925.79021 (13121117)
 4190965.2 | 945.69354 (13121117)   946.27116 (13121117)   958.07698 (13121117)   945.93175 (14121317)
957.70165 (14121317)
 4190945.2 | 945.21115 (13121117)   1011.44330 (13121217)   952.55710 (14121317)   1027.46025 (14121317)
1035.94881 (14121317)
 4190925.2 | 1003.42522 (13121217)   999.49470 (14121317)   996.91521 (14121317)   988.86190 (14121317)
979.94531 (13012308)
 4190905.2 | 1038.56879 (14121317)   1028.12974 (14121317)   1022.06507 (13012308)   1003.55884 (13012308)
974.86627 (13012308)
 4190885.2 | 1064.28215 (13012308)   1036.12010 (13012308)   997.13571 (13012308)   1007.03035 (13010717)
1066.98475 (13010717)
 4190865.2 | 1054.21812 (13010717)   1073.87949 (13010717)   1078.08872 (13010717)   1102.86373 (13010717)
1082.48871 (13010717)
 4190845.2 | 1120.25433 (13010717)   1098.15830 (13010717)   1076.31722 (13010717)   1029.03517 (13010717)
1029.14598 (13010717)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: ALL
***
                               INCLUDING SOURCE(S):   L0000587   , L0000588   , L0000589   , L0000590   ,
L0000591   ,
               L0000592   , L0000593   , L0000594   , L0000595   , L0000596   , L0000597   , L0000598   ,
L0000599   ,
               L0000600   , L0000601   , L0000602   , L0000603   , L0000604   , L0000605   , L0000606   ,
L0000607   ,
               L0000608   , L0000609   , L0000610   , L0000611   , L0000612   , L0000613   , L0000614   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 561317.30   561337.30   561357.30   561377.30
561397.30
 -
- - - - - - - -

 4190825.2 | 1077.04586 (13010717)   1021.09525 (13010717)   961.83250 (13010717)   927.23450 (13121217)
844.19626 (13121217)

 4190805.2 | 943.58385 (16111207)   947.12305 (15010907)   911.36901 (13121217)   901.77663 (13121217)
841.19462 (13121217)
 4190785.2 | 899.21916 (16111207)   906.50422 (15010907)   887.82776 (15010907)   874.36906 (13121217)
834.66167 (13121217)
 4190765.2 | 909.19893 (17111317)   890.19700 (17111317)   869.90878 (17111317)   851.04984 (17111317)
982.55583 (13121217)
 4190745.2 | 969.01413 (17111317)   998.81069 (16111207)   1003.06550 (15010907)   963.05955 (13121217)
943.13719 (13121217)
 4190725.2 | 935.75981 (17111317)   945.31847 (16111207)   954.71432 (15010907)   932.32671 (15010907)
911.29816 (13121217)
 4190705.2 | 915.78927 (14091907)   925.12596 (14091907)   929.17058 (14091907)   930.60399 (14091907)
928.85512 (14091907)
 4190685.2 | 1018.99504 (14091907)   1002.31595 (14091907)   989.84818 (14091907)   967.27979 (14091907)
948.03467 (14091907)
 4190665.2 | 1015.97052 (14091907)   978.99158 (14091907)   939.58995 (14091907)   898.27115 (14091907)
860.90196 (14091907)
 4190645.2 | 889.12909 (14091907)   921.82307 (16120508)   972.39595 (16111207)   983.33962 (15010907)
963.38732 (15010907)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                          *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: ALL
***
                              INCLUDING SOURCE(S):   L0000587   , L0000588   , L0000589   , L0000590   ,
L0000591   ,
               L0000592   , L0000593   , L0000594   , L0000595   , L0000596   , L0000597   , L0000598   ,
L0000599   ,
               L0000600   , L0000601   , L0000602   , L0000603   , L0000604   , L0000605   , L0000606   ,
L0000607   ,
               L0000608   , L0000609   , L0000610   , L0000611   , L0000612   , L0000613   , L0000614   ,
. . .   ,

                                      *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                   ** CONC OF PM_10   IN MICROGRAMS/M**3   **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC
(YYMMDDHH)
 -
- - - - - - - -
        560122.00   4190978.00   7020.75921 (13121308)   560142.00   4190978.00   5574.16771
(15010507)
        560162.00   4190978.00   5471.33687 (15020708)   560182.00   4190978.00   6434.62422
(15012009)
        560202.00   4190978.00   6182.80192 (15012009)   560222.00   4190978.00   5080.44741
(16120517)
        560242.00   4190978.00   5110.02152 (14012907)   560262.00   4190978.00   4799.94919
(14012907)
        560102.00   4190998.00   7073.71215 (14112517)   560122.00   4190998.00   6405.30363
(15021907)
        560142.00   4190998.00   5865.29729 (13121308)   560162.00   4190998.00   4694.70207
(15010507)
        560182.00   4190998.00   5058.58587 (15020708)   560202.00   4190998.00   5802.65364
(15012009)
        560222.00   4190998.00   5529.30915 (15012009)   560242.00   4190998.00   4540.87096
(16120517)
        560262.00   4190998.00   4527.95776 (14012907)   560282.00   4190998.00   4438.32128
(14012907)
        560302.00   4190998.00   3924.58682 (14010709)   560322.00   4190998.00   4023.75439
(13011717)
        560102.00   4191018.00   6674.02694 (14112517)   560122.00   4191018.00   5604.05104
(15021907)
        560142.00   4191018.00   5643.61125 (13121308)   560162.00   4191018.00   4541.42104
(13121308)

L0000599 ,
L0000600 , L0000601 , L0000602 , L0000603 , L0000604 , L0000605 , L0000606 ,
L0000607 ,
L0000608 , L0000609 , L0000610 , L0000611 , L0000612 , L0000613 , L0000614 ,
. . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
560182.00	4191078.00	4104.05917	(13121308)	560202.00	4191078.00	3336.15753	(13122017)
560222.00	4191078.00	3182.30409	(17031607)	560242.00	4191078.00	3165.02177	(15020708)
560262.00	4191078.00	3778.15436	(15020708)	560282.00	4191078.00	4119.31473	(15012009)
560302.00	4191078.00	3816.52204	(15012009)	560322.00	4191078.00	3154.84590	(16122217)
560342.00	4191078.00	3199.57685	(16120517)	560362.00	4191078.00	3120.18601	(14012907)
560382.00	4191078.00	3129.20690	(14012907)	560402.00	4191078.00	2847.29655	(14012907)
560422.00	4191078.00	2734.23585	(14010709)	560442.00	4191078.00	2653.76941	(13011717)
560462.00	4191078.00	2852.79625	(13011717)	560482.00	4191078.00	2857.11171	(13011717)
560502.00	4191078.00	2691.97204	(13011717)	560082.00	4191098.00	4534.99734	(15010517)
560102.00	4191098.00	4142.36726	(15112108)	560122.00	4191098.00	4740.16651	(14112517)
560142.00	4191098.00	3764.41508	(14112517)	560162.00	4191098.00	4100.34145	(15021907)
560182.00	4191098.00	3997.69229	(13121308)	560202.00	4191098.00	3413.93604	(15020707)
560222.00	4191098.00	2959.07571	(15010507)	560242.00	4191098.00	3042.94485	(17031607)
560262.00	4191098.00	3062.70179	(15020708)	560282.00	4191098.00	3522.83299	(15020708)
560302.00	4191098.00	3826.16020	(15012009)	560322.00	4191098.00	3523.60133	(15012009)
560342.00	4191098.00	2934.19280	(16122217)	560362.00	4191098.00	2972.75031	(16120517)
560382.00	4191098.00	2834.46488	(14012907)	560402.00	4191098.00	2927.72534	(14012907)
560422.00	4191098.00	2746.99050	(14012907)	560442.00	4191098.00	2575.15304	(14010709)
560462.00	4191098.00	2439.92868	(14010709)	560482.00	4191098.00	2548.95096	(13011717)
560502.00	4191098.00	2668.05997	(13011717)	560522.00	4191098.00	2623.23486	(13011717)
560062.00	4191118.00	3853.09602	(13011807)	560082.00	4191118.00	4209.96124	(15010517)
560102.00	4191118.00	3603.93900	(15112108)	560122.00	4191118.00	4352.04510	(14112517)
560142.00	4191118.00	3908.75657	(14112517)	560162.00	4191118.00	3632.51286	(15021907)
560182.00	4191118.00	3846.93826	(13121417)	560202.00	4191118.00	3541.67851	(13121308)
560222.00	4191118.00	3002.52078	(13122017)	560242.00	4191118.00	2602.60021	(15010507)
560262.00	4191118.00	2858.20256	(17031607)	560282.00	4191118.00	2953.53517	(15020708)
560302.00	4191118.00	3287.78033	(15020708)	560322.00	4191118.00	3566.33473	(15012009)
560342.00	4191118.00	3266.61494	(15012009)	560362.00	4191118.00	2736.75175	

(16122217)
        560382.00   4191118.00   2764.13991 (16120517)   560402.00   4191118.00   2664.76201
(16120517)
        560422.00   4191118.00   2727.26091 (14012907)   560442.00   4191118.00   2633.45369
(14012907)
        560462.00   4191118.00   2392.10321 (14010709)   560482.00   4191118.00   2356.96888
(14010709)
        560502.00   4191118.00   2230.22917 (13011717)   560522.00   4191118.00   2435.45417
(13011717)
        560062.00   4191138.00   3609.86398 (13011807)   560082.00   4191138.00   3889.63553
(15010517)
        560102.00   4191138.00   3409.33414 (15010517)   560122.00   4191138.00   3894.68978
(14112517)
        560142.00   4191138.00   3921.77610 (14112517)   560162.00   4191138.00   3042.96818
(15021907)
        560182.00   4191138.00   3566.78443 (13121417)   560202.00   4191138.00   3463.38485
(13121308)
        560222.00   4191138.00   3024.77195 (15020707)   560242.00   4191138.00   2593.24518
(15010507)
        560262.00   4191138.00   2519.05078 (17031607)   560282.00   4191138.00   2645.17439
(17031607)
        560302.00   4191138.00   2840.17173 (15020708)   560322.00   4191138.00   3093.55869
(15012009)
        560342.00   4191138.00   3334.43895 (15012009)   560362.00   4191138.00   3039.87908
(15012009)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: ALL
***
                               INCLUDING SOURCE(S):   L0000587   , L0000588   , L0000589   , L0000590   ,
L0000591   ,
               L0000592   , L0000593   , L0000594   , L0000595   , L0000596   , L0000597   , L0000598   ,
L0000599   ,
               L0000600   , L0000601   , L0000602   , L0000603   , L0000604   , L0000605   , L0000606   ,
L0000607   ,
               L0000608   , L0000609   , L0000610   , L0000611   , L0000612   , L0000613   , L0000614   ,
. . .   ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC
(YYMMDDHH)
 -
- - - - - - - -
        560382.00   4191138.00   2559.38092 (16122217)   560402.00   4191138.00   2572.33354
(16120517)
        560422.00   4191138.00   2530.59105 (16120517)   560442.00   4191138.00   2531.58639
(14012907)
        560462.00   4191138.00   2510.32394 (14012907)   560482.00   4191138.00   2300.29390
(14012907)
        560502.00   4191138.00   2245.13958 (14010709)   560062.00   4191158.00   3393.18330
(13011807)
        560082.00   4191158.00   3579.45021 (15010517)   560102.00   4191158.00   3367.56045
(15010517)
        560122.00   4191158.00   3579.72759 (15112108)   560142.00   4191158.00   3815.29341
(14112517)
        560162.00   4191158.00   2971.03369 (14112517)   560182.00   4191158.00   3255.40425
(15021907)
        560202.00   4191158.00   3347.04864 (13121417)   560222.00   4191158.00   3103.30458
(13121308)
        560242.00   4191158.00   2711.96084 (13122017)   560262.00   4191158.00   2344.75409

(15010507)
        560282.00   4191158.00   2464.58850 (17031607)   560302.00   4191158.00   2418.17923
(17031607)
        560322.00   4191158.00   2724.98780 (15020708)   560342.00   4191158.00   2941.15289
(15012009)
        560362.00   4191158.00   3126.35921 (15012009)   560382.00   4191158.00   2838.70039
(15012009)
        560402.00   4191158.00   2399.38479 (16122217)   560422.00   4191158.00   2396.25120
(16120517)
        560442.00   4191158.00   2401.59217 (16120517)   560462.00   4191158.00   2343.40960
(14012907)
        560482.00   4191158.00   2381.04722 (14012907)   560502.00   4191158.00   2239.27129
(14012907)
        560062.00   4191178.00   3200.88040 (13011807)   560082.00   4191178.00   3297.16892
(14012008)
        560102.00   4191178.00   3295.93313 (15010517)   560122.00   4191178.00   3270.31005
(15112108)
        560142.00   4191178.00   3612.19939 (14112517)   560162.00   4191178.00   3111.69230
(14112517)
        560182.00   4191178.00   2827.57880 (15021907)   560202.00   4191178.00   3170.01829
(13121417)
        560222.00   4191178.00   3043.65303 (13121308)   560242.00   4191178.00   2702.67296
(15020707)
        560322.00   4191178.00   2188.81576 (17031607)   560342.00   4191178.00   2609.72543
(15020708)
        560362.00   4191178.00   2799.94265 (15012009)   560382.00   4191178.00   2938.92530
(15012009)
        560402.00   4191178.00   2659.21978 (15012009)   560422.00   4191178.00   2254.59306
(16122217)
        560442.00   4191178.00   2234.69478 (16120517)   560462.00   4191178.00   2277.82692
(16120517)
        560482.00   4191178.00   2164.65630 (14012907)   560502.00   4191178.00   2248.43081
(14012907)
        560062.00   4191198.00   3024.46126 (13011807)   560082.00   4191198.00   3069.10186
(14012008)
        560102.00   4191198.00   3200.13468 (15010517)   560122.00   4191198.00   2931.97367
(15112108)
        560142.00   4191198.00   3340.07137 (14112517)   560162.00   4191198.00   3167.51455
(14112517)
        560182.00   4191198.00   2350.46052 (15021907)   560202.00   4191198.00   2923.20366
(15021907)
        560222.00   4191198.00   2943.39321 (13121417)   560362.00   4191198.00   2495.91671
(15020708)
        560382.00   4191198.00   2668.73747 (15012009)   560402.00   4191198.00   2769.28499
(15012009)
        560422.00   4191198.00   2498.38508 (15012009)   560442.00   4191198.00   2123.16471
(16122217)
        560462.00   4191198.00   2091.49913 (16122217)   560482.00   4191198.00   2159.99142
(16120517)
        560042.00   4191218.00   3496.87873 (15011607)   560062.00   4191218.00   2866.77505
(13011807)
        560082.00   4191218.00   2859.04528 (14012008)   560102.00   4191218.00   3085.32330
(15010517)
        560122.00   4191218.00   2586.79632 (15112108)   560142.00   4191218.00   3026.44725
(14112517)
        560162.00   4191218.00   3139.96277 (14112517)   560182.00   4191218.00   2432.87955
(14112517)
        560202.00   4191218.00   2616.07818 (15021907)   560222.00   4191218.00   2836.51436
(13121417)
        560342.00   4191218.00   2091.65828 (17031607)   560362.00   4191218.00   2072.64467
(15020708)
        560382.00   4191218.00   2384.40089 (15020708)   560402.00   4191218.00   2546.58170
(15012009)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0000587 , L0000588 , L0000589 , L0000590 , L0000591 ,
L0000592 , L0000593 , L0000594 , L0000595 , L0000596 , L0000597 , L0000598 , L0000599 ,
L0000600 , L0000601 , L0000602 , L0000603 , L0000604 , L0000605 , L0000606 , L0000607 ,
L0000608 , L0000609 , L0000610 , L0000611 , L0000612 , L0000613 , L0000614 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
560422.00	4191218.00	2615.25203	(15012009)	560442.00	4191218.00	2353.59675	(15012009)
560462.00	4191218.00	2005.05724	(16122217)	560482.00	4191218.00	1994.68126	(16122217)
560082.00	4191238.00	2664.07614	(14012008)	560102.00	4191238.00	2956.39572	(15010517)
560122.00	4191238.00	2341.96261	(15010517)	560142.00	4191238.00	2868.08266	(15112108)
560162.00	4191238.00	3039.28385	(14112517)	560182.00	4191238.00	2556.99534	(14112517)
560202.00	4191238.00	2245.89525	(15021907)	560222.00	4191238.00	2632.16601	(15021907)
560342.00	4191238.00	1991.33282	(17031607)	560362.00	4191238.00	1942.39637	(15112108)
560382.00	4191238.00	2085.83184	(14112517)	560402.00	4191238.00	2276.16037	(15020708)
560422.00	4191238.00	2432.63116	(15012009)	560442.00	4191238.00	2474.79673	(15012009)
560462.00	4191238.00	2225.12869	(15012009)	560182.00	4191258.00	2625.41542	(14112517)
560202.00	4191258.00	1918.04518	(16112517)	560322.00	4191258.00	1767.49985	(15010507)
560342.00	4191258.00	1703.01345	(17031607)	560362.00	4191258.00	1916.89352	(17031607)
560382.00	4191258.00	2000.12533	(14112517)	560402.00	4191258.00	2069.32821	(14112517)
560422.00	4191258.00	2171.73767	(15020708)	560442.00	4191258.00	2326.53600	(15012009)
560462.00	4191258.00	2348.72625	(15012009)	560322.00	4191278.00	1762.26949	(13122017)
560342.00	4191278.00	1622.73658	(15010507)	560362.00	4191278.00	1782.01618	(15112108)
560382.00	4191278.00	1915.94772	(14112517)	560402.00	4191278.00	2009.71728	(14112517)
560422.00	4191278.00	1947.31867	(14112517)	560442.00	4191278.00	2073.45161	(15020708)
559982.00	4191298.00	3651.35895	(17112408)	560002.00	4191298.00	3320.26596	(17112408)
560022.00	4191298.00	2860.33753	(14012908)	560042.00	4191298.00	2891.90989	(15011607)
560062.00	4191298.00	2466.77046	(17112408)	560302.00	4191298.00	2006.52731	(15020707)
560322.00	4191298.00	1878.08239	(13122017)	560342.00	4191298.00	1622.42065	(15010507)
560362.00	4191298.00	1704.89563	(15112108)	560382.00	4191298.00	1834.22258	(14112517)
560402.00	4191298.00	1945.46146	(14112517)	560422.00	4191298.00	1928.09677	(14112517)

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       560442.00   4191298.00     1875.42035  (15020708)              559962.00   4191318.00     3788.80037
(13040307)
       559982.00   4191318.00     3503.22336  (17112408)              560002.00   4191318.00     3158.45484
(17112408)
       560022.00   4191318.00     2746.85265  (14012908)              560042.00   4191318.00     2773.31063
(15011607)
       560062.00   4191318.00     2382.87375  (15011607)              560082.00   4191318.00     2159.06206
(14012908)
       560102.00   4191318.00     2378.49770  (15010517)              560122.00   4191318.00     2316.38855
(15010517)
       560142.00   4191318.00     2021.68202  (15011607)              560162.00   4191318.00     2371.14654
(15112108)
       560302.00   4191318.00     2034.21146  (13121308)              560322.00   4191318.00     1859.29550
(13122017)
       560342.00   4191318.00     1670.21591  (13122017)              560362.00   4191318.00     1631.17541
(15112108)
       560382.00   4191318.00     1759.44028  (15112108)              560402.00   4191318.00     1878.67714
(14112517)
       560422.00   4191318.00     1897.47061  (14112517)              559962.00   4191338.00     3578.10596
(13040307)
       559982.00   4191338.00     3362.28161  (17112408)              560002.00   4191338.00     3015.39144
(17112408)
       560022.00   4191338.00     2645.88676  (14012908)              560042.00   4191338.00     2664.58840
(15011607)
       560062.00   4191338.00     2309.49826  (15011607)              560082.00   4191338.00     2090.62964
(13011807)
       560102.00   4191338.00     2233.32852  (15010517)              560122.00   4191338.00     2272.30306
(15010517)
       560142.00   4191338.00     1981.05448  (15011607)              560162.00   4191338.00     2241.15619
(15112108)
       560182.00   4191338.00     2372.47927  (14112517)              560202.00   4191338.00     2253.05327
(14112517)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

PAGE  1531
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

                           *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL
***
                               INCLUDING SOURCE(S):     L0000587    , L0000588    , L0000589    , L0000590    ,
L0000591    ,
               L0000592    , L0000593    , L0000594    , L0000595    , L0000596    , L0000597    , L0000598    ,
L0000599    ,
               L0000600    , L0000601    , L0000602    , L0000603    , L0000604    , L0000605    , L0000606    ,
L0000607    ,
               L0000608    , L0000609    , L0000610    , L0000611    , L0000612    , L0000613    , L0000614    ,
. . .       ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                    ** CONC OF PM_10    IN MICROGRAMS/M**3                         **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)  Y-COORD (M)        CONC
(YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -
       560222.00   4191338.00     1771.81493  (14112517)              560242.00   4191338.00     1757.34529
(15021907)
       560302.00   4191338.00     2008.83386  (13121308)              560322.00   4191338.00     1837.00783
(15020707)
       560342.00   4191338.00     1745.62381  (13122017)              560362.00   4191338.00     1561.20017
(15112108)
       560382.00   4191338.00     1699.38303  (15112108)              560402.00   4191338.00     1811.03911
(14112517)
       560422.00   4191338.00     1858.52620  (14112517)              559962.00   4191358.00     3382.04317
(13040307)
```

559982.00 4191358.00 3226.49062 (17112408) 560002.00 4191358.00 2887.86190 (17112408)
560022.00 4191358.00 2564.14767 (17112408) 560042.00 4191358.00 2564.77804 (15011607)
560062.00 4191358.00 2241.65929 (15011607) 560082.00 4191358.00 2027.89649 (13011807)
560102.00 4191358.00 2100.87768 (14012008) 560122.00 4191358.00 2217.01531 (15010517)
560142.00 4191358.00 1941.39991 (15011607) 560162.00 4191358.00 2087.69981 (15112108)
560182.00 4191358.00 2216.23513 (14112517) 560202.00 4191358.00 2240.78810 (14112517)
560222.00 4191358.00 1859.64657 (14112517) 560242.00 4191358.00 1591.91602 (14012008)
560262.00 4191358.00 1890.66701 (15021907) 560282.00 4191358.00 2015.47304 (13121417)
560302.00 4191358.00 1916.01585 (13121417) 560322.00 4191358.00 1866.41801 (13121308)
560342.00 4191358.00 1722.19629 (15020707) 560362.00 4191358.00 1580.43287 (13122017)
560382.00 4191358.00 1638.07037 (15112108) 560402.00 4191358.00 1742.60911 (14112517)
559962.00 4191378.00 3198.74560 (13040307) 559982.00 4191378.00 3097.85215 (17112408)
560002.00 4191378.00 2774.02933 (17112408) 560022.00 4191378.00 2488.82821 (17112408)
560042.00 4191378.00 2472.51476 (15011607) 560062.00 4191378.00 2178.39253 (15011607)
560082.00 4191378.00 1968.26123 (13011807) 560102.00 4191378.00 2000.78488 (14012008)
560122.00 4191378.00 2152.51573 (15010517) 560142.00 4191378.00 1903.20849 (15011607)
560162.00 4191378.00 1920.19372 (15112108) 560182.00 4191378.00 2073.52412 (15112108)
560202.00 4191378.00 2191.62842 (14112517) 560222.00 4191378.00 1922.50498 (14112517)
560242.00 4191378.00 1547.82857 (14012008) 560262.00 4191378.00 1688.23025 (15021907)
560282.00 4191378.00 1896.88524 (15021907) 560302.00 4191378.00 1927.32273 (13121417)
560322.00 4191378.00 1845.18616 (13121308) 560342.00 4191378.00 1690.12350 (15020707)
559982.00 4191398.00 2976.91115 (17112408) 560002.00 4191398.00 2671.90165 (17112408)
560022.00 4191398.00 2417.58329 (17112408) 560042.00 4191398.00 2387.30793 (15011607)
560062.00 4191398.00 2119.32850 (15011607) 560082.00 4191398.00 1911.69267 (13011807)
560102.00 4191398.00 1904.43585 (14012008) 560122.00 4191398.00 2080.85287 (15010517)
560142.00 4191398.00 1865.94253 (15011607) 560162.00 4191398.00 1857.77280 (15011607)
560182.00 4191398.00 2008.84403 (15112108) 560202.00 4191398.00 2110.63256 (14112517)
560222.00 4191398.00 1956.77261 (14112517) 560242.00 4191398.00 1561.23155 (14112517)
560262.00 4191398.00 1599.14141 (14012008) 560282.00 4191398.00 1776.02377 (15021907)
559982.00 4191418.00 2865.92929 (17112408) 560002.00 4191418.00 2580.30536 (17112408)
560022.00 4191418.00 2349.55918 (17112408) 560042.00 4191418.00 2308.65614 (15011607)
560062.00 4191418.00 2064.25738 (15011607) 560082.00 4191418.00 1857.91007 (13011807)
560102.00 4191418.00 1812.25230 (14012008) 560122.00 4191418.00 2003.71774 (15010517)
560142.00 4191418.00 1829.58266 (15011607) 560162.00 4191418.00 1812.02285 (15011607)
560182.00 4191418.00 1918.90464 (15112108) 560202.00 4191418.00 2004.51294

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0000587 , L0000588 , L0000589 , L0000590 , L0000591 ,
L0000592 , L0000593 , L0000594 , L0000595 , L0000596 , L0000597 , L0000598 , L0000599 ,
L0000600 , L0000601 , L0000602 , L0000603 , L0000604 , L0000605 , L0000606 , L0000607 ,
L0000608 , L0000609 , L0000610 , L0000611 , L0000612 , L0000613 , L0000614 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
560222.00	4191418.00	1961.64011	(14112517)	560242.00	4191418.00	1633.65157	(14112517)
560262.00	4191418.00	1558.17229	(14012008)	560002.00	4191438.00	2492.98586	(17112408)
560022.00	4191438.00	2282.97196	(17112408)	560042.00	4191438.00	2235.85219	(15011607)
560062.00	4191438.00	2012.81719	(15011607)	560082.00	4191438.00	1806.64934	(13011807)
560102.00	4191438.00	1723.99783	(14012008)	560122.00	4191438.00	1922.85433	(15010517)
560142.00	4191438.00	1794.40594	(15011607)	560162.00	4191438.00	1767.93253	(15011607)
560182.00	4191438.00	1809.88823	(15112108)	560202.00	4191438.00	1879.94499	(14112517)
560222.00	4191438.00	1937.77522	(14112517)	560242.00	4191438.00	1689.04792	(14112517)
560262.00	4191438.00	1519.33779	(14012008)	560042.00	4191458.00	2167.58587	(15011607)
560062.00	4191458.00	1964.80755	(15011607)	560082.00	4191458.00	1757.81439	(13011807)
560102.00	4191458.00	1668.62738	(15011607)	560122.00	4191458.00	1839.59681	(15010517)
560142.00	4191458.00	1775.28723	(15010517)	560162.00	4191458.00	1725.48451	(15011607)
560182.00	4191458.00	1687.51372	(15112108)	560202.00	4191458.00	1780.81790	(15112108)
560222.00	4191458.00	1888.23281	(14112517)	560242.00	4191458.00	1724.30220	(14112517)
560262.00	4191458.00	1481.92610	(14012008)	560142.00	4191478.00	1751.70048	(15010517)
560162.00	4191478.00	1684.27405	(15011607)	560182.00	4191478.00	1558.87904	(15112108)
560202.00	4191478.00	1736.63487	(15112108)	560222.00	4191478.00	1816.67289	(14112517)
560242.00	4191478.00	1737.67872	(14112517)	560155.00	4190663.00	11862.17018	(13040307)
560175.00	4190663.00	11054.47005	(17112408)	560115.00	4190683.00	9064.96888	(13012409)
560135.00	4190683.00	8040.02622	(13040307)	560155.00	4190683.00	11114.76104	(13040307)
560175.00	4190683.00	9651.56017	(17112408)	560095.00	4190703.00	9109.37742	

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(13121217)
        560115.00   4190703.00     7807.45115  (15010807)              560135.00   4190703.00     8232.02123
(13040307)
        560155.00   4190703.00     9725.83720  (13040307)              560175.00   4190703.00     8320.12073
(17112408)
        560095.00   4190723.00     9372.75331  (13121217)              560115.00   4190723.00     7659.20080
(15010807)
        560135.00   4190723.00     8178.48534  (13040307)              560155.00   4190723.00     8240.02649
(13040307)
        560175.00   4190723.00     7231.63982  (14012908)              560195.00   4190723.00     6901.41892
(15011607)
        560095.00   4190743.00    10638.55304  (15010807)              560115.00   4190743.00     8856.23035
(17112308)
        560135.00   4190743.00     8975.98655  (14010617)              560155.00   4190743.00     7596.58938
(14010617)
        560175.00   4190743.00     6371.05292  (14012908)              560195.00   4190743.00     6357.02917
(15011607)
        560075.00   4190763.00    15141.52396  (13121217)              560095.00   4190763.00    11190.02135
(17112308)
        560115.00   4190763.00    11322.23708  (14010617)              560135.00   4190763.00     8543.04906
(14010617)
        560155.00   4190763.00     7260.15685  (13112317)              560175.00   4190763.00     6037.23111
(17113007)
        560195.00   4190763.00     5879.62443  (15011607)              560215.00   4190763.00     4785.21147
(13011807)
        560075.00   4190783.00    15161.32788  (13121217)              560095.00   4190783.00    14802.11097
(14010617)
        560115.00   4190783.00    10907.42719  (13112317)              560135.00   4190783.00     8232.59298
(17113007)
        560155.00   4190783.00     6729.60596  (13012507)              560175.00   4190783.00     6067.33435
(13012507)
        560195.00   4190783.00     5458.80394  (15011607)              560215.00   4190783.00     4750.23317
(13012507)
        560235.00   4190783.00     4752.62892  (14012008)              560075.00   4190803.00    15707.52758
(15101307)
        560095.00   4190803.00    12795.84342  (13112317)              560115.00   4190803.00    11811.23655
(17111317)
        560135.00   4190803.00    10497.46667  (17111317)              560155.00   4190803.00     9408.09040
(17111317)
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 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
   09/18/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  09:59:03

PAGE  1533
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL
***
                                  INCLUDING SOURCE(S):     L0000587    , L0000588    , L0000589    , L0000590    ,
L0000591    ,
                 L0000592    , L0000593    , L0000594    , L0000595    , L0000596    , L0000597    , L0000598    ,
L0000599    ,
                 L0000600    , L0000601    , L0000602    , L0000603    , L0000604    , L0000605    , L0000606    ,
L0000607    ,
                 L0000608    , L0000609    , L0000610    , L0000611    , L0000612    , L0000613    , L0000614    ,
. . .      ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                        ** CONC OF PM_10    IN MICROGRAMS/M**3                        **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)  Y-COORD (M)        CONC
(YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -
        560175.00   4190803.00     8412.75950  (17111317)              560195.00   4190803.00     7628.80717
(17111317)
        560215.00   4190803.00     6987.28635  (17111317)              560235.00   4190803.00     6445.67475
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(17111317)
560255.00 4190803.00 5978.60617 (17111317) 560275.00 4190803.00 5567.09168
(17111317)
560075.00 4190823.00 14234.26695 (15012808) 560095.00 4190823.00 14624.97552
(17111317)
560115.00 4190823.00 12586.71156 (17111317) 560135.00 4190823.00 10990.00513
(17111317)
560155.00 4190823.00 9724.17107 (17111317) 560175.00 4190823.00 8649.80137
(17111317)
560195.00 4190823.00 7703.91336 (17111317) 560215.00 4190823.00 6894.52880
(17111317)
560235.00 4190823.00 6207.55905 (17111317) 560255.00 4190823.00 5619.02812
(17111317)
560275.00 4190823.00 5111.98961 (17111317) 560295.00 4190823.00 4755.07995
(13121617)
560315.00 4190823.00 4453.37560 (13121617) 560115.00 4190843.00 12189.55372
(14121317)
560135.00 4190843.00 9783.05614 (14121317) 560155.00 4190843.00 8198.80680
(13121617)
560175.00 4190843.00 7438.97630 (13121617) 560195.00 4190843.00 6720.39152
(13121617)
560215.00 4190843.00 6118.94386 (13121617) 560235.00 4190843.00 5615.97993
(13121617)
560255.00 4190843.00 5195.89688 (13121617) 560275.00 4190843.00 4838.45609
(13121617)
560295.00 4190843.00 4529.72396 (13121617) 560315.00 4190843.00 4259.27199
(13121617)
560335.00 4190843.00 4019.88973 (13121617) 560195.00 4190863.00 7149.44370
(14121317)
560215.00 4190863.00 6008.96461 (13010717) 560235.00 4190863.00 5386.73996
(14091907)
560255.00 4190863.00 4880.06995 (14091907) 560275.00 4190863.00 4448.61835
(14091907)
560295.00 4190863.00 4157.43433 (13020407) 560315.00 4190863.00 3950.18950
(13020407)
560335.00 4190863.00 3761.97118 (13020407) 560075.00 4190883.00 14330.25097
(13121308)
560095.00 4190883.00 12920.46316 (15012009) 560115.00 4190883.00 11156.57987
(15012009)
560255.00 4190883.00 6372.07319 (13010717) 560275.00 4190883.00 5182.45877
(13010717)
560295.00 4190883.00 4631.70432 (14091907) 560315.00 4190883.00 4263.84877
(14091907)
560335.00 4190883.00 3950.08878 (14091907)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE SUMMARY OF MAXIMUM PERIOD (43848 HRS) RESULTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

GROUP ID		AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	NETWORK GRID-ID
BLPM	1ST HIGHEST VALUE IS	4.60058 AT	(560177.30, 4190645.17, 1.00, 1.00, 1.50)	GC	UCART1
	2ND HIGHEST VALUE IS	4.35155 AT	(560237.30, 4190645.17, 0.00, 0.00, 1.50)	GC	UCART1
	3RD HIGHEST VALUE IS	4.34741 AT	(560277.30, 4190645.17, 0.00, 0.00, 1.50)	GC	UCART1

	4TH HIGHEST VALUE IS	4.34121	AT (	560257.30,	4190645.17,	0.00,	0.00,	1.50)	GC	UCART1
	5TH HIGHEST VALUE IS	4.30114	AT (	560297.30,	4190645.17,	0.00,	0.00,	1.50)	GC	UCART1
	6TH HIGHEST VALUE IS	4.20389	AT (	560197.30,	4190645.17,	0.50,	0.50,	1.50)	GC	UCART1
	7TH HIGHEST VALUE IS	4.05601	AT (	560217.30,	4190645.17,	0.00,	0.00,	1.50)	GC	UCART1
	8TH HIGHEST VALUE IS	3.84670	AT (	560175.00,	4190663.00,	1.00,	1.00,	1.50)	DC	
	9TH HIGHEST VALUE IS	3.77452	AT (	560317.30,	4190645.17,	0.00,	0.00,	1.50)	GC	UCART1
	10TH HIGHEST VALUE IS	3.77260	AT (	560177.30,	4190665.17,	1.00,	1.00,	1.50)	GC	UCART1
BOATL	1ST HIGHEST VALUE IS	4.66087	AT (	560257.30,	4190645.17,	0.00,	0.00,	1.50)	GC	UCART1
	2ND HIGHEST VALUE IS	4.65999	AT (	560237.30,	4190645.17,	0.00,	0.00,	1.50)	GC	UCART1
	3RD HIGHEST VALUE IS	4.63506	AT (	560217.30,	4190645.17,	0.00,	0.00,	1.50)	GC	UCART1
	4TH HIGHEST VALUE IS	4.63409	AT (	560197.30,	4190645.17,	0.50,	0.50,	1.50)	GC	UCART1
	5TH HIGHEST VALUE IS	4.56671	AT (	560277.30,	4190645.17,	0.00,	0.00,	1.50)	GC	UCART1
	6TH HIGHEST VALUE IS	4.43911	AT (	560177.30,	4190645.17,	1.00,	1.00,	1.50)	GC	UCART1
	7TH HIGHEST VALUE IS	4.37661	AT (	560297.30,	4190645.17,	0.00,	0.00,	1.50)	GC	UCART1
	8TH HIGHEST VALUE IS	4.10398	AT (	560317.30,	4190645.17,	0.00,	0.00,	1.50)	GC	UCART1
	9TH HIGHEST VALUE IS	3.97806	AT (	560157.30,	4190645.17,	1.00,	1.00,	1.50)	GC	UCART1
	10TH HIGHEST VALUE IS	3.87543	AT (	560337.30,	4190645.17,	0.00,	0.00,	1.50)	GC	UCART1
DREDG	1ST HIGHEST VALUE IS	2.99126	AT (	559917.30,	4190665.17,	0.00,	0.00,	1.50)	GC	UCART1
	2ND HIGHEST VALUE IS	2.93805	AT (	559917.30,	4190685.17,	0.00,	0.00,	1.50)	GC	UCART1
	3RD HIGHEST VALUE IS	2.88888	AT (	559937.30,	4190685.17,	0.00,	0.00,	1.50)	GC	UCART1
	4TH HIGHEST VALUE IS	2.84251	AT (	559957.30,	4190705.17,	0.00,	0.00,	1.50)	GC	UCART1
	5TH HIGHEST VALUE IS	2.83898	AT (	559937.30,	4190725.17,	0.10,	0.10,	1.50)	GC	UCART1
	6TH HIGHEST VALUE IS	2.77149	AT (	559957.30,	4190745.17,	0.00,	0.00,	1.50)	GC	UCART1
	7TH HIGHEST VALUE IS	2.73295	AT (	559937.30,	4190785.17,	0.60,	0.60,	1.50)	GC	UCART1
	8TH HIGHEST VALUE IS	2.72432	AT (	560017.30,	4190665.17,	0.00,	0.00,	1.50)	GC	UCART1
	9TH HIGHEST VALUE IS	2.67366	AT (	559957.30,	4190685.17,	0.00,	0.00,	1.50)	GC	UCART1
	10TH HIGHEST VALUE IS	2.63131	AT (	560017.30,	4190725.17,	0.00,	0.00,	1.50)	GC	UCART1
HAUL1	1ST HIGHEST VALUE IS	55.12445	AT (	561257.30,	4191245.17,	5.00,	5.00,	1.50)	GC	UCART1
	2ND HIGHEST VALUE IS	48.37698	AT (	561257.30,	4191265.17,	4.20,	4.20,	1.50)	GC	UCART1
	3RD HIGHEST VALUE IS	47.67473	AT (	561257.30,	4191225.17,	5.60,	5.60,	1.50)	GC	UCART1
	4TH HIGHEST VALUE IS	46.27888	AT (	561197.30,	4191205.17,	4.60,	4.60,	1.50)	GC	UCART1
	5TH HIGHEST VALUE IS	45.56773	AT (	561237.30,	4191205.17,	4.80,	4.80,	1.50)	GC	UCART1
	6TH HIGHEST VALUE IS	45.37850	AT (	561157.30,	4191205.17,	4.80,	4.80,	1.50)	GC	UCART1

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** THE SUMMARY OF MAXIMUM PERIOD (43848 HRS) RESULTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	NETWORK GRID-ID
HAUL2	1ST HIGHEST VALUE IS	11.72376 AT (561397.30, 4191005.17, 1.00, 1.00, 1.50)	GC	UCART1
	2ND HIGHEST VALUE IS	11.09983 AT (561397.30, 4191025.17, 1.00, 1.00, 1.50)	GC	UCART1
	3RD HIGHEST VALUE IS	10.73669 AT (561377.30, 4191105.17, 1.40, 1.40, 1.50)	GC	UCART1
	4TH HIGHEST VALUE IS	10.53072 AT (561397.30, 4191045.17, 1.00, 1.00, 1.50)	GC	UCART1
	5TH HIGHEST VALUE IS	10.24729 AT (561357.30, 4191185.17, 3.00, 3.00, 1.50)	GC	UCART1
	6TH HIGHEST VALUE IS	10.03174 AT (561377.30, 4191125.17, 1.40, 1.40, 1.50)	GC	UCART1
	7TH HIGHEST VALUE IS	9.96045 AT (561397.30, 4191065.17, 1.00, 1.00, 1.50)	GC	UCART1
	8TH HIGHEST VALUE IS	9.42350 AT (561377.30, 4191145.17, 1.60, 1.60, 1.50)	GC	UCART1
	9TH HIGHEST VALUE IS	9.37226 AT (561357.30, 4191205.17, 3.00, 3.00, 1.50)	GC	UCART1
	10TH HIGHEST VALUE IS	9.36969 AT (561397.30, 4191085.17, 1.10, 1.10, 1.50)	GC	UCART1
HAUL3	1ST HIGHEST VALUE IS	10.82555 AT (561257.30, 4191605.17, 3.00, 3.00, 1.50)	GC	UCART1
	2ND HIGHEST VALUE IS	10.77455 AT (561277.30, 4191525.17, 3.00, 3.00, 1.50)	GC	UCART1
	3RD HIGHEST VALUE IS	10.34162 AT (561317.30, 4191345.17, 3.00, 3.00, 1.50)	GC	UCART1
	4TH HIGHEST VALUE IS	10.28756 AT (561297.30, 4191445.17, 4.30, 4.30, 1.50)	GC	UCART1
	5TH HIGHEST VALUE IS	10.22264 AT (561277.30, 4191545.17, 3.00, 3.00, 1.50)	GC	UCART1
	6TH HIGHEST VALUE IS	10.21812 AT (561257.30, 4191625.17, 3.00, 3.00, 1.50)	GC	UCART1
	7TH HIGHEST VALUE IS	10.07382 AT (561297.30, 4191465.17, 3.20, 3.20, 1.50)	GC	UCART1
	8TH HIGHEST VALUE IS	10.05188 AT (561317.30, 4191365.17, 3.00, 3.00, 1.50)	GC	UCART1
	9TH HIGHEST VALUE IS	9.75486 AT (561277.30, 4191565.17, 3.00, 3.00, 1.50)	GC	UCART1
	10TH HIGHEST VALUE IS	9.69259 AT (561297.30, 4191485.17, 3.00, 3.00, 1.50)	GC	UCART1
PEIR	1ST HIGHEST VALUE IS	11.03341 AT (559917.30, 4190785.17, 0.10, 0.10, 1.50)	GC	UCART1

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          2ND HIGHEST VALUE IS      10.55231 AT (  559917.30,  4190765.17,     0.40,     0.40,    1.50)  GC  UCART1

          3RD HIGHEST VALUE IS      10.35149 AT (  559957.30,  4190725.17,     0.00,     0.00,    1.50)  GC  UCART1

          4TH HIGHEST VALUE IS       9.78471 AT (  559937.30,  4190805.17,     0.00,     0.00,    1.50)  GC  UCART1

          5TH HIGHEST VALUE IS       9.68523 AT (  559997.30,  4190745.17,     0.00,     0.00,    1.50)  GC  UCART1

          6TH HIGHEST VALUE IS       9.40301 AT (  559937.30,  4190725.17,     0.10,     0.10,    1.50)  GC  UCART1

          7TH HIGHEST VALUE IS       9.02362 AT (  559937.30,  4190705.17,     0.00,     0.00,    1.50)  GC  UCART1

          8TH HIGHEST VALUE IS       8.99869 AT (  559957.30,  4190805.17,     0.00,     0.00,    1.50)  GC  UCART1

          9TH HIGHEST VALUE IS       8.67547 AT (  559937.30,  4190785.17,     0.60,     0.60,    1.50)  GC  UCART1

         10TH HIGHEST VALUE IS       8.62189 AT (  559977.30,  4190725.17,     0.00,     0.00,    1.50)  GC  UCART1

PLAPM     1ST HIGHEST VALUE IS     391.40745 AT (  560057.30,  4190825.17,     1.90,     1.90,    1.50)  GC  UCART1

          2ND HIGHEST VALUE IS     369.74432 AT (  560075.00,  4190823.00,     2.00,     2.00,    1.50)  DC

          3RD HIGHEST VALUE IS     349.85145 AT (  560077.30,  4190825.17,     2.00,     2.00,    1.50)  GC  UCART1

          4TH HIGHEST VALUE IS     344.57401 AT (  560057.30,  4190805.17,     1.80,     1.80,    1.50)  GC  UCART1

          5TH HIGHEST VALUE IS     332.83685 AT (  560077.30,  4190805.17,     2.00,     2.00,    1.50)  GC  UCART1

          6TH HIGHEST VALUE IS     322.94037 AT (  560075.00,  4190803.00,     2.00,     2.00,    1.50)  DC

          7TH HIGHEST VALUE IS     310.23028 AT (  560037.30,  4190825.17,     1.70,     1.70,    1.50)  GC  UCART1

          8TH HIGHEST VALUE IS     305.80967 AT (  560037.30,  4190805.17,     1.10,     1.10,    1.50)  GC  UCART1

          9TH HIGHEST VALUE IS     299.18956 AT (  560057.30,  4190845.17,     2.00,     2.00,    1.50)  GC  UCART1

         10TH HIGHEST VALUE IS     255.82798 AT (  560077.30,  4190845.17,     2.00,     2.00,    1.50)  GC  UCART1

 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\PROJECT FILES\BERKLEY FERRY_09_2025\BERKLEY FER ***
    09/18/25
  *** AERMET - VERSION  18081 ***   ***                                                                  ***
   09:59:03

PAGE  1536
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  RURAL  ADJ_U*

                                    *** THE SUMMARY OF MAXIMUM PERIOD ( 43848 HRS) RESULTS ***


                                  ** CONC OF PM_10    IN MICROGRAMS/M**3                        **

                                                                                                                NETWORK
GROUP ID                       AVERAGE CONC               RECEPTOR  (XR, YR, ZELEV, ZHILL, ZFLAG)  OF TYPE  GRID-ID
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- -

PLAZA     1ST HIGHEST VALUE IS     160.73766 AT (  560095.00,  4190823.00,     2.00,     2.00,    1.50)  DC

          2ND HIGHEST VALUE IS     149.42057 AT (  560077.30,  4190845.17,     2.00,     2.00,    1.50)  GC  UCART1

          3RD HIGHEST VALUE IS     147.94334 AT (  560097.30,  4190825.17,     2.00,     2.00,    1.50)  GC  UCART1

          4TH HIGHEST VALUE IS     121.16048 AT (  560075.00,  4190823.00,     2.00,     2.00,    1.50)  DC

          5TH HIGHEST VALUE IS     113.61569 AT (  560077.30,  4190825.17,     2.00,     2.00,    1.50)  GC  UCART1

          6TH HIGHEST VALUE IS     112.38983 AT (  560097.30,  4190845.17,     2.00,     2.00,    1.50)  GC  UCART1
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	7TH HIGHEST VALUE IS	111.54491	AT (	560095.00,	4190803.00,	2.00,	2.00,	1.50)	DC	
	8TH HIGHEST VALUE IS	108.48482	AT (	560097.30,	4190805.17,	2.00,	2.00,	1.50)	GC	UCART1
	9TH HIGHEST VALUE IS	93.89314	AT (	560077.30,	4190805.17,	2.00,	2.00,	1.50)	GC	UCART1
	10TH HIGHEST VALUE IS	93.76497	AT (	560097.30,	4190785.17,	2.00,	2.00,	1.50)	GC	UCART1
SEAPM	1ST HIGHEST VALUE IS	97.18448	AT (	560157.30,	4190645.17,	1.00,	1.00,	1.50)	GC	UCART1
	2ND HIGHEST VALUE IS	88.95702	AT (	560137.30,	4190645.17,	1.50,	1.50,	1.50)	GC	UCART1
	3RD HIGHEST VALUE IS	72.11537	AT (	560117.30,	4190645.17,	2.00,	2.00,	1.50)	GC	UCART1
	4TH HIGHEST VALUE IS	63.11053	AT (	560177.30,	4190645.17,	1.00,	1.00,	1.50)	GC	UCART1
	5TH HIGHEST VALUE IS	62.39608	AT (	560117.30,	4190665.17,	2.00,	2.00,	1.50)	GC	UCART1
	6TH HIGHEST VALUE IS	62.28174	AT (	560137.30,	4190665.17,	1.50,	1.50,	1.50)	GC	UCART1
	7TH HIGHEST VALUE IS	51.40105	AT (	560155.00,	4190663.00,	1.00,	1.00,	1.50)	DC	
	8TH HIGHEST VALUE IS	50.83098	AT (	560097.30,	4190645.17,	2.00,	2.00,	1.50)	GC	UCART1
	9TH HIGHEST VALUE IS	49.92997	AT (	560097.30,	4190665.17,	2.00,	2.00,	1.50)	GC	UCART1
	10TH HIGHEST VALUE IS	45.44151	AT (	560157.30,	4190665.17,	1.00,	1.00,	1.50)	GC	UCART1
SEAWALL	1ST HIGHEST VALUE IS	42.03393	AT (	560157.30,	4190645.17,	1.00,	1.00,	1.50)	GC	UCART1
	2ND HIGHEST VALUE IS	38.31793	AT (	560197.30,	4190645.17,	0.50,	0.50,	1.50)	GC	UCART1
	3RD HIGHEST VALUE IS	37.36352	AT (	560137.30,	4190645.17,	1.50,	1.50,	1.50)	GC	UCART1
	4TH HIGHEST VALUE IS	34.94421	AT (	560155.00,	4190663.00,	1.00,	1.00,	1.50)	DC	
	5TH HIGHEST VALUE IS	34.76093	AT (	560177.30,	4190645.17,	1.00,	1.00,	1.50)	GC	UCART1
	6TH HIGHEST VALUE IS	34.49784	AT (	560137.30,	4190665.17,	1.50,	1.50,	1.50)	GC	UCART1
	7TH HIGHEST VALUE IS	32.50375	AT (	560175.00,	4190663.00,	1.00,	1.00,	1.50)	DC	
	8TH HIGHEST VALUE IS	32.24733	AT (	560157.30,	4190665.17,	1.00,	1.00,	1.50)	GC	UCART1
	9TH HIGHEST VALUE IS	29.96766	AT (	560177.30,	4190665.17,	1.00,	1.00,	1.50)	GC	UCART1
	10TH HIGHEST VALUE IS	28.95205	AT (	560117.30,	4190665.17,	2.00,	2.00,	1.50)	GC	UCART1
UNIPM	1ST HIGHEST VALUE IS	66.25044	AT (	560237.30,	4190885.17,	1.10,	1.10,	1.50)	GC	UCART1
	2ND HIGHEST VALUE IS	64.98122	AT (	560597.30,	4191065.17,	1.30,	1.30,	1.50)	GC	UCART1
	3RD HIGHEST VALUE IS	64.88581	AT (	560157.30,	4190865.17,	1.20,	1.20,	1.50)	GC	UCART1
	4TH HIGHEST VALUE IS	62.15427	AT (	560577.30,	4191065.17,	1.00,	1.00,	1.50)	GC	UCART1
	5TH HIGHEST VALUE IS	59.87325	AT (	560257.30,	4190885.17,	1.00,	1.00,	1.50)	GC	UCART1
	6TH HIGHEST VALUE IS	56.36425	AT (	560597.30,	4191085.17,	1.60,	1.60,	1.50)	GC	UCART1
	7TH HIGHEST VALUE IS	56.04062	AT (	560617.30,	4191085.17,	1.80,	5.00,	1.50)	GC	UCART1
	8TH HIGHEST VALUE IS	55.31941	AT (	560577.30,	4191045.17,	1.20,	1.20,	1.50)	GC	UCART1
	9TH HIGHEST VALUE IS	54.72144	AT (	560837.30,	4191145.17,	2.00,	2.00,	1.50)	GC	UCART1

*** THE SUMMARY OF MAXIMUM PERIOD (43848 HRS) RESULTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	NETWORK GRID-ID
UNIVERSI	1ST HIGHEST VALUE IS	30.08894 AT (560537.30, 4190965.17, 1.20, 1.20, 1.50)	GC	UCART1
	2ND HIGHEST VALUE IS	29.12825 AT (560277.30, 4190885.17, 1.00, 1.00, 1.50)	GC	UCART1
	3RD HIGHEST VALUE IS	28.77540 AT (560217.30, 4190865.17, 1.00, 1.00, 1.50)	GC	UCART1
	4TH HIGHEST VALUE IS	28.20361 AT (560337.30, 4190905.17, 1.30, 1.30, 1.50)	GC	UCART1
	5TH HIGHEST VALUE IS	28.09810 AT (560357.30, 4190905.17, 1.30, 1.30, 1.50)	GC	UCART1
	6TH HIGHEST VALUE IS	27.91568 AT (560397.30, 4190925.17, 1.80, 1.80, 1.50)	GC	UCART1
	7TH HIGHEST VALUE IS	27.73220 AT (560215.00, 4190863.00, 1.00, 1.00, 1.50)	DC	
	8TH HIGHEST VALUE IS	27.52547 AT (560297.30, 4190885.17, 1.00, 1.00, 1.50)	GC	UCART1
	9TH HIGHEST VALUE IS	27.49714 AT (560417.30, 4190925.17, 1.20, 1.20, 1.50)	GC	UCART1
	10TH HIGHEST VALUE IS	27.21951 AT (560977.30, 4191165.17, 2.50, 2.50, 1.50)	GC	UCART1
ALL	1ST HIGHEST VALUE IS	522.77032 AT (560075.00, 4190823.00, 2.00, 2.00, 1.50)	DC	
	2ND HIGHEST VALUE IS	496.74806 AT (560077.30, 4190825.17, 2.00, 2.00, 1.50)	GC	UCART1
	3RD HIGHEST VALUE IS	455.68251 AT (560077.30, 4190805.17, 2.00, 2.00, 1.50)	GC	UCART1
	4TH HIGHEST VALUE IS	454.16889 AT (560057.30, 4190825.17, 1.90, 1.90, 1.50)	GC	UCART1
	5TH HIGHEST VALUE IS	441.99892 AT (560077.30, 4190845.17, 2.00, 2.00, 1.50)	GC	UCART1
	6TH HIGHEST VALUE IS	421.53091 AT (560057.30, 4190805.17, 1.80, 1.80, 1.50)	GC	UCART1
	7TH HIGHEST VALUE IS	417.24702 AT (560075.00, 4190803.00, 2.00, 2.00, 1.50)	DC	
	8TH HIGHEST VALUE IS	402.55839 AT (560057.30, 4190845.17, 2.00, 2.00, 1.50)	GC	UCART1
	9TH HIGHEST VALUE IS	393.82657 AT (560095.00, 4190823.00, 2.00, 2.00, 1.50)	DC	
	10TH HIGHEST VALUE IS	369.90125 AT (560037.30, 4190805.17, 1.10, 1.10, 1.50)	GC	UCART1

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

*** THE SUMMARY OF HIGHEST 1-HR RESULTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

GROUP ID	NETWORK	AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	GRID-ID
BLPM	HIGH	1ST HIGH VALUE IS	6433.13677	ON 14112517: AT (560257.30, 4190645.17, 0.00, 0.00, 1.50)	GC	UCART1
BOATL	HIGH	1ST HIGH VALUE IS	2907.54258	ON 14112517: AT (560257.30, 4190645.17, 0.00, 0.00, 1.50)	GC	UCART1
DREDG	HIGH	1ST HIGH VALUE IS	168.97020	ON 13010717: AT (560017.30, 4190665.17, 0.00, 0.00, 1.50)	GC	UCART1
HAUL1	HIGH	1ST HIGH VALUE IS	2222.19157	ON 14121317: AT (561257.30, 4191265.17, 4.20, 4.20, 1.50)	GC	UCART1
HAUL2	HIGH	1ST HIGH VALUE IS	728.59452	ON 13040307: AT (561217.30, 4191345.17, 3.50, 3.50, 1.50)	GC	UCART1
HAUL3	HIGH	1ST HIGH VALUE IS	601.69207	ON 16111207: AT (561257.30, 4191185.17, 5.20, 5.20, 1.50)	GC	UCART1
PEIR	HIGH	1ST HIGH VALUE IS	543.84197	ON 14121317: AT (560037.30, 4190805.17, 1.10, 1.10, 1.50)	GC	UCART1
PLAPM	HIGH	1ST HIGH VALUE IS	19405.83369	ON 15011209: AT (560017.30, 4190825.17, 1.00, 1.00, 1.50)	GC	UCART1
PLAZA	HIGH	1ST HIGH VALUE IS	5795.60011	ON 17112408: AT (560037.30, 4190885.17, 2.00, 2.00, 1.50)	GC	UCART1
SEAPM	HIGH	1ST HIGH VALUE IS	4223.69832	ON 13011807: AT (560157.30, 4190645.17, 1.00, 1.00, 1.50)	GC	UCART1
SEAWALL	HIGH	1ST HIGH VALUE IS	2269.50673	ON 13040307: AT (560095.00, 4190703.00, 2.00, 2.00, 1.50)	DC	
UNIPM	HIGH	1ST HIGH VALUE IS	4226.36149	ON 15011209: AT (560577.30, 4191065.17, 1.00, 1.00, 1.50)	GC	UCART1
UNIVERSI	HIGH	1ST HIGH VALUE IS	1506.93347	ON 13010717: AT (560557.30, 4190985.17, 1.00, 1.00, 1.50)	GC	UCART1
ALL	HIGH	1ST HIGH VALUE IS	23265.35658	ON 15011209: AT (560017.30, 4190805.17, 1.00, 1.00, 1.50)	GC	UCART1

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL ADJ_U*

*** Message Summary : AERMOD Model Execution ***

--------- Summary of Total Messages --------

A Total of   0 Fatal Error Message(s)
A Total of   4 Warning Message(s)
A Total of   1159 Informational Message(s)

A Total of   43848 Hours Were Processed

A Total of   760 Calm Hours Identified

A Total of   399 Missing Hours Identified (0.91 Percent)

******** FATAL ERROR MESSAGES ********
*** NONE ***

********   WARNING MESSAGES   ********
ME W186   7939   MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used   0.50
ME W187   7939   MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET
ME W530   7939   MEOPEN: CAUTION! Met Station ID Mismatch with SURFFILE for   SURFDATA
ME W530   7939   MEOPEN: CAUTION! Met Station ID Mismatch with SURFFILE for   UAIRDATA

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*** AERMOD Finishes Successfully ***
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